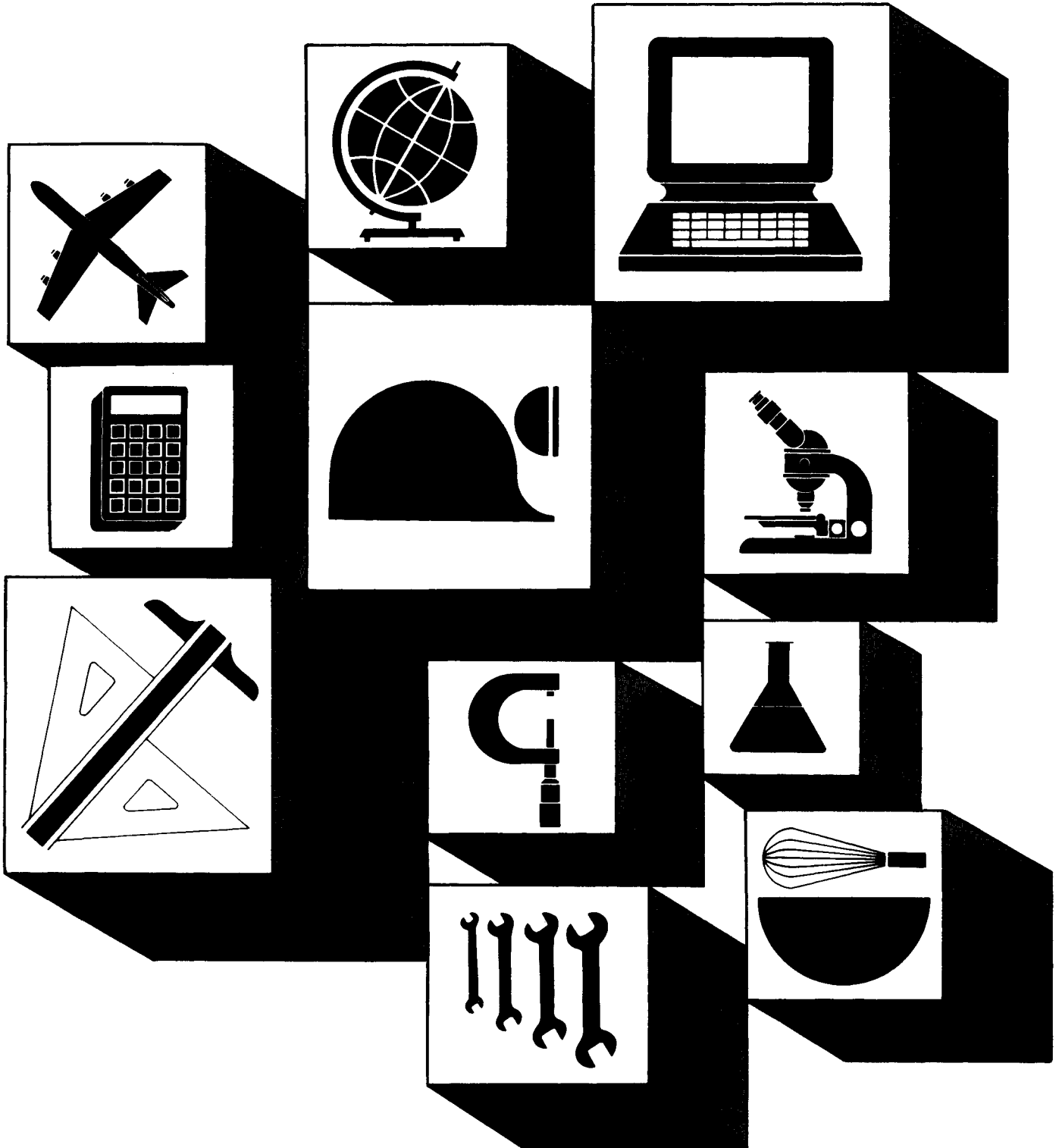




# EMPLOYMENT AND EARNINGS

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





## U.S. DEPARTMENT OF LABOR

Lynn Martin, Secretary

### 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 \$31 domestic and \$38.75 foreign. Single copy \$10 domestic and \$12.50 foreign. Annual supplement \$11 domestic and \$13.75 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) 512-2303.

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

## Calendar of Features

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

### Household data

Annual averages	Jan.
Union affiliation	Jan.
Earnings by detailed occupation	Jan.
Employee absences	Jan.
Revised seasonally adjusted series	Jan., 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 <sup>1</sup>
State and area annual averages	May
Area definitions	May

### State and area labor force data

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

<sup>1</sup> The latest supplement was published in July 1991.

# Employment and Earnings

Vol. 38 No. 10 October 1991

---

Editors: Gloria Peterson Green, Eugene H. Becker

## Contents

	<i>Page</i>
List of statistical tables .....	2
Employment and unemployment developments, September 1991 .....	5
Statistical tables:	
<b>Historical—</b>	
Household data .....	7
Establishment data:	
Employment .....	79
Hours and earnings .....	115
<b>Not seasonally adjusted—</b>	
Household data .....	10
Quarterly averages .....	57
Establishment data:	
Employment:	
National .....	80
State and area .....	96
Hours and earnings:	
National .....	118
State and area .....	142
State and area labor force data .....	150
<b>Seasonally adjusted—</b>	
Household data .....	37
Quarterly averages .....	46
Establishment data:	
Employment .....	92
Hours and earnings .....	139
Productivity data .....	147
Explanatory notes .....	156

# Monthly Household Data

Page

## Employment Status

A-1.	Employment status of the noninstitutional population 16 years and over, 1958 to date	7
A-2.	Employment status of the noninstitutional population 16 years and over by sex, 1980 to date	8
A-3.	Employment status of the civilian noninstitutional population 16 years and over, 1958 to date	9
A-4.	Employment status of the civilian noninstitutional population by age, sex, and race	10
A-5.	Employment status of the black-and-other civilian noninstitutional population by age and sex	13
A-6.	Employment status of the civilian noninstitutional population by race, sex, and age	14
A-7.	Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, years of school completed, sex, race, and Hispanic origin	15
A-8.	Employment status of male Vietnam-era veterans and nonveterans by age	17
A-9.	Employed and unemployed full- and part-time workers by sex, age, and race	18
A-10.	Employment status of persons in families by family relationship	19

## Characteristics of the Unemployed

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

## Characteristics of the Employed

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

## Seasonally Adjusted Employment and Unemployment Data

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

# Quarterly Household Data

	<i>Page</i>
<b>Seasonally Adjusted Employment and Unemployment Data</b>	
A-42. Employment status of the noninstitutional population, including Armed Forces stationed in the United States, by sex, seasonally adjusted .....	46
A-43. Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted .....	47
A-44. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin, seasonally adjusted .....	48
A-45. Employed and unemployed full- and part-time workers by sex and age, seasonally adjusted .....	50
A-46. Employed civilians by selected social and economic categories, seasonally adjusted .....	51
A-47. Employed civilians by sex and age, seasonally adjusted .....	52
A-48. Unemployed persons by sex and age, seasonally adjusted .....	52
A-49. Unemployment rates by sex and age, seasonally adjusted .....	53
A-50. Selected unemployment indicators, seasonally adjusted .....	54
A-51. Unemployed persons by duration of unemployment, seasonally adjusted .....	55
A-52. Unemployed persons by reason for unemployment, seasonally adjusted .....	55
<b>Persons Not in the Labor Force</b>	
A-53. Persons not in the labor force by reason, sex, and race, seasonally adjusted .....	56
A-54. Persons not in the labor force by reason, sex, and age .....	57
A-55. Persons not in the labor force by reason, race, Hispanic origin, age, and sex .....	58
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 .....	59
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 .....	60
<b>Race and Hispanic-Origin Data</b>	
A-58. Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin .....	61
A-59. Employment status of civilians of Mexican, Puerto Rican, and Cuban origin by sex and age .....	62
A-60. Employed civilians by selected social and economic categories, race, and Hispanic origin .....	63
A-61. Employed civilians of Mexican, Puerto Rican, and Cuban origin by selected social and economic categories .....	64
A-62. Employed civilians by sex, age, race, and Hispanic origin .....	65
A-63. Unemployment rates by sex, age, race, and Hispanic origin .....	65
A-64. Unemployed persons by duration of unemployment, race, and Hispanic origin .....	66
A-65. Unemployed persons by reason for unemployment, race, and Hispanic origin .....	66
<b>Vietnam-era Veterans and Nonveterans Data</b>	
A-66. Employment status of male Vietnam-era veterans and nonveterans by age .....	67
A-67. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin .....	67
<b>Family Relationship and Weekly Earnings Data</b>	
A-68. Unemployment in families by type of family, race, Hispanic origin, and presence of employed family members .....	68
A-69. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members .....	69
A-70. Employed civilians by family relationship, race, Hispanic origin, and presence of employed family members .....	70
A-71. Median weekly earnings of families by type of family, number of earners, race, and Hispanic origin .....	71
A-72. Families with unemployed members and wage and salary workers by type of family and median weekly earnings .....	72
A-73. Median weekly earnings of full-time wage and salary workers by selected characteristics .....	73
A-74. Median weekly earnings of part-time wage and salary workers by selected characteristics .....	74
A-75. Median weekly earnings of full-time wage and salary workers by occupation and sex .....	75
<b>Metropolitan-nonmetropolitan and Poverty-nonpoverty Area Data</b>	
A-76. Employment status of the civilian noninstitutional population in metropolitan, nonmetropolitan, urban, and rural areas by sex, age, race, and Hispanic origin .....	76
A-77. Employment status of the civilian noninstitutional population in poverty and nonpoverty areas by race and Hispanic origin .....	78

## Monthly Establishment Data

	<i>Page</i>
<b>Employment-National</b>	
B-1. Employees on nonfarm payrolls by major industry, 1940 to date .....	79
B-2. Employees on nonfarm payrolls by detailed industry .....	80
B-3. Women employees on nonfarm payrolls by major industry and manufacturing group .....	91
B-4. Employees on nonfarm payrolls by major industry and manufacturing group, seasonally adjusted .....	92
B-5. Women employees on nonfarm payrolls by major industry and manufacturing group, seasonally adjusted .....	93
B-6. Production or nonsupervisory workers on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted .....	94
B-7. Diffusion indexes of employment change, seasonally adjusted .....	95
<b>Employment-States and Areas</b>	
B-8. Employees on nonfarm payrolls in States and selected areas by major industry .....	96
<b>Hours and Earnings-National</b>	
C-1. Average hours and earnings of production or nonsupervisory workers on private nonfarm payrolls by major industry, 1964 to date .....	115
C-2. Average hours and earnings of production or nonsupervisory workers on private nonfarm payrolls by detailed industry .....	118
C-2a. Average hourly earnings in aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3761) manufacturing .....	136
C-3. Average hourly earnings, excluding overtime, of production workers on manufacturing payrolls .....	137
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 .....	138
C-5. Average weekly hours of production or nonsupervisory workers on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted .....	139
C-6. Indexes of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted .....	140
C-7. Average hourly and weekly earnings of production or nonsupervisory workers on private nonfarm payrolls, seasonally adjusted .....	141
<b>Hours and Earnings-States and Areas</b>	
C-8. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas .....	142
<b>Productivity Data</b>	
C-9. Hours of wage and salary workers in nonagricultural establishments by major industry, seasonally adjusted .....	147
C-10. Indexes of productivity, hourly compensation, unit costs, and prices, seasonally adjusted .....	148
C-11. Percent changes from the preceding quarter and year in productivity, hourly compensation, unit costs, and prices, seasonally adjusted annual rates .....	149

## Monthly State and Area Labor Force Data

D-1. Labor force status by State and selected metropolitan areas .....	150
--	-----

# Employment and Unemployment Developments, September 1991

Both unemployment and payroll employment were little changed in September. The unemployment rate was 6.7 percent; it had been 6.8 percent in both July and August.

Payroll employment, as measured by the business survey, was about unchanged in September and has shown little growth since May. While total employment, as measured by the survey of households, showed an unusually large seasonally adjusted increase in September, this followed a large decline over the prior 2 months.

## Unemployment

Both the number of unemployed persons, 8.4 million, and the unemployment rate, 6.7 percent, were little changed in September after seasonal adjustment. The number of unemployed workers is 1.6 million above July 1990, when the recession began, and the jobless rate is 1.2 percentage points higher. (See table A-33.)

Jobless rates for adult men (6.5 percent), whites (6.0 percent), and blacks (12.1 percent) were about the same as they had been in August, while rates for adult women (5.5 percent) and teenagers (18.0 percent) declined slightly. In contrast, the rate for Hispanics rose by 1.2 percentage points to 11.1 percent in September. (See tables A-33 and A-34.)

The number of unemployed persons who have lost their last jobs edged up over the month to 4.8 million; this was 1.7 million higher than in July 1990. Job losers now comprise 56.3 percent of the total unemployed, up from 46.5 percent in July 1990. (See table A-41.)

Long-term unemployment (15 weeks and over) has held about steady in the past 2 months at a level (2.4 million) that is about 850,000 above the July 1990 figure. The average and the median duration of unemployment, at 14.0 and 7.5 weeks, respectively, were also considerably higher than at the onset of the recession. (See table A-40.)

At 6.4 million, the number of persons employed part time involuntarily (often referred to as the partially unemployed) was up substantially in September and was 1.4 million above the July 1990 level. (See table A-35.)

## Total employment and the labor force

Total employment was up by 750,000 in September, after seasonal adjustment, following a decline of 470,000 over the prior 2 months. The number of employed persons

is still about 715,000 lower than it was in July 1990. With the large over-the-month increase, the proportion of the working-age population with jobs (the employment-population ratio) rose three-tenths of a percentage point to 61.6 percent, still 1.1 points below the July 1990 figure. (See table A-33.)

The labor force increased by 700,000 in September to 125.6 million, about offsetting declines totaling 725,000 in July and August. Even with this development, remarkably little growth has occurred over the past year (625,000). The number of teenage workers has actually declined by 430,000 over the year, with the drop stemming both from a shrinking of their population and lower participation rates. Participation was also down over the year among adult men and was little changed among adult women.

## Discouraged workers

The number of discouraged workers—persons who want to work but are not looking for jobs because they could not find any—increased by about 100,000 in the third quarter of 1991 to a seasonally adjusted level of 1.1 million, the highest level since the first quarter of 1987. This figure was about a quarter of a million higher than a year earlier but was still much lower than the levels attained in the 1981-82 recession. (See table A-53.)

## Industry payroll employment

Payroll employment changed little in September, following an increase of 77,000 in August. Offsetting movements among the major industries continued to limit job growth. September declines in the goods-producing sector and in State and local government largely offset gains in the private service-producing sector.

Manufacturing jobs declined by 22,000 in September, following increases in the prior 2 months. Employment in most industries in both durable and nondurable goods either remained flat or declined slightly. The downward slide in the number of electronic equipment and aircraft manufacturing jobs continued, and employment in the food processing industry also decreased, returning to its June level.

Elsewhere in the goods-producing sector, mining employment declined by 9,000, following a similar decrease in August. The number of construction jobs edged down as well.

The private service-producing sector added 88,000 jobs in September, but government lost another 27,000, as cutbacks at State and local levels have begun to mount in recent months. Employment in the services industry increased by 76,000, marking the fifth consecutive month of growth. There was little growth in retail trade, which has edged up by 35,000 since April following recessionary losses totaling nearly 400,000. Very little employment change took place elsewhere in the service-producing sector.

### Weekly hours

The average workweek for production or non-supervisory workers on private nonfarm payrolls inched upward 0.1 hour in September to 34.5 hours. The overall workweek has risen by half an hour since April and is at about the same level as when the recession began. In manufacturing, the workweek edged down a tenth of an hour to 40.9 hours, still quite high by historical standards and 0.7 hour above the low of 40.2 hours reached in

April. Overtime hours in manufacturing also slid back 0.1 hour in September to 3.7 hours. (See table C-5.)

The index of aggregate weekly hours of private production or nonsupervisory workers increased by 0.5 percent to 122.1 (1982 = 100) in September, after seasonal adjustment. For manufacturing, the index was down 0.3 percent to 102.8, 4.3 percent below the level of July 1990 when the recession began. (See table C-6.)

### Hourly and weekly earnings

Average hourly earnings of private production or nonsupervisory workers were up by 0.2 percent in September, seasonally adjusted. Average weekly earnings increased by 0.5 percent. Prior to seasonal adjustment, average hourly earnings increased by 16 cents to \$10.46, and average weekly earnings increased by \$4.51 to \$361.92. Over the year, average hourly earnings increased by 3.1 percent and average weekly earnings by 2.5 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>
October	November 1	January	February 7
November	December 6	February	March 6
December	January 10	March	April 3



**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 <sup>1</sup> .....	119,106	71,489	60.0	67,639	1,861	65,778	5,458	60,318	3,852	5.4	47,617
1961 .....	120,671	72,359	60.0	67,646	1,900	65,746	5,200	60,546	4,714	6.5	48,312
1962 .....	122,214	72,675	59.5	68,763	2,061	66,702	4,944	61,759	3,911	5.4	49,539
1963 .....	124,422	73,839	59.3	69,768	2,006	67,762	4,687	63,076	4,070	5.5	50,583
1964 .....	126,503	75,109	59.4	71,323	2,018	69,305	4,523	64,782	3,786	5.0	51,394
1965 .....	128,459	76,401	59.5	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058
1966 .....	130,180	77,892	59.8	75,017	2,122	72,895	3,979	68,915	2,875	3.7	52,288
1967 .....	132,092	79,565	60.2	76,590	2,218	74,372	3,844	70,527	2,975	3.7	52,527
1968 .....	134,281	80,990	60.3	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291
1969 .....	136,573	82,972	60.8	80,140	2,238	77,902	3,606	74,296	2,832	3.4	53,602
1970 .....	139,203	84,889	61.0	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315
1971 .....	142,189	86,355	60.7	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834
1972 <sup>2</sup> .....	145,939	88,847	60.9	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091
1973 <sup>1</sup> .....	148,870	91,203	61.3	86,838	1,774	85,064	3,470	81,594	4,365	4.8	57,667
1974 .....	151,841	93,670	61.7	88,515	1,721	86,794	3,515	83,279	5,156	5.5	58,171
1975 .....	154,831	95,453	61.6	87,524	1,678	85,846	3,408	82,438	7,929	8.3	59,377
1976 .....	157,818	97,826	62.0	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991
1977 .....	160,689	100,665	62.6	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025
1978 <sup>1</sup> .....	163,541	103,882	63.5	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659
1979 .....	166,460	106,559	64.0	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900
1980 .....	169,349	108,544	64.1	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806
1981 .....	171,775	110,315	64.2	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460
1982 .....	173,939	111,872	64.3	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067
1983 .....	175,891	113,226	64.4	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665
1984 .....	178,080	115,241	64.7	106,702	1,697	105,005	3,321	101,685	8,539	7.4	62,839
1985 .....	179,912	117,167	65.1	108,856	1,706	107,150	3,179	103,971	8,312	7.1	62,744
1986 <sup>1</sup> .....	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 <sup>2</sup>											
<b>1990:</b>											
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
<b>1991:</b>											
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
July .....	191,443	126,818	66.2	118,316	1,604	116,712	3,239	113,474	8,501	6.7	64,625
August .....	191,589	126,520	66.0	118,032	1,616	116,416	3,266	113,150	8,488	6.7	65,069
September .....	191,746	127,231	66.4	118,789	1,624	117,165	3,306	113,859	8,442	6.6	64,515

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

<sup>2</sup> The population and Armed Forces figures are not adjusted for

seasonal variation.

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

**HOUSEHOLD DATA  
HISTORICAL**

**A-2. Employment status of the noninstitutional population 16 years and over by sex, 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				
<b>Annual averages</b>												
<b>MEN</b>												
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	65,388	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	81,447	1,556	59,891	2,535	57,356	4,521	6.9	20,058	
1986 <sup>1</sup> .....	87,349	66,973	76.7	62,443	1,551	60,892	2,511	58,381	4,530	6.8	20,376	
1987 .....	88,478	67,764	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	
<b>Monthly data, seasonally adjusted<sup>2</sup></b>												
<b>1990:</b>												
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	
<b>1991:</b>												
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	
July .....	92,023	69,821	75.9	64,820	1,431	63,389	2,586	60,803	5,001	7.2	22,202	
August .....	92,100	69,652	75.6	64,770	1,442	63,328	2,580	60,748	4,882	7.0	22,448	
September .....	92,185	70,281	76.2	65,285	1,449	63,836	2,594	61,241	4,976	7.1	21,924	
<b>Annual averages</b>												
<b>WOMEN</b>												
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 <sup>1</sup> .....	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	182	51,696	676	51,020	3,046	5.5	42,014	
1989 .....	97,798	56,198	57.5	53,195	188	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	
<b>Monthly data, seasonally adjusted<sup>2</sup></b>												
<b>1990:</b>												
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	
<b>1991:</b>												
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	
July .....	99,421	56,997	57.3	53,496	173	53,323	653	52,670	3,500	6.1	42,424	
August .....	99,489	56,868	57.2	53,262	174	53,088	685	52,402	3,606	6.3	42,621	
September .....	99,561	56,971	57.2	53,505	175	53,330	712	52,618	3,466	6.1	42,590	

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

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

**A-3. Employment status of the civilian noninstitutional population 16 years and over, 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
<b>Annual averages</b>								
1958 .....	113,727	67,639	59.5	63,036	4,602	6.8	6.8	6.8
1959 .....	115,329	68,369	59.3	64,630	3,740	5.5	5.2	5.9
1960 <sup>1</sup> .....	117,245	69,628	59.4	65,778	3,852	5.5	5.4	5.9
1961 .....	118,771	70,459	59.3	65,746	4,714	6.7	6.4	7.2
1962 <sup>1</sup> .....	120,153	70,614	58.8	66,702	3,911	5.5	5.2	6.2
1963 .....	122,416	71,833	58.7	67,762	4,070	5.7	5.2	6.5
1964 .....	124,485	73,091	58.7	69,305	3,786	5.2	4.6	6.2
1965 .....	126,513	74,455	58.9	71,088	3,366	4.5	4.0	5.5
1966 .....	128,058	75,770	59.2	72,895	2,875	3.8	3.2	4.8
1967 .....	129,874	77,347	59.6	74,372	2,975	3.8	3.1	5.2
1968 .....	132,028	78,737	59.6	75,920	2,817	3.6	2.9	4.8
1969 .....	134,335	80,734	60.1	77,902	2,832	3.5	2.8	4.7
1970 .....	137,085	82,771	60.4	78,678	4,093	4.9	4.4	5.9
1971 .....	140,216	84,382	60.2	79,367	5,016	5.9	5.3	6.9
1972 <sup>1</sup> .....	144,126	87,034	60.4	82,153	4,882	5.6	5.0	6.6
1973 <sup>1</sup> .....	147,096	89,429	60.8	85,064	4,365	4.9	4.2	6.0
1974 .....	150,120	91,949	61.3	86,794	5,156	5.6	4.9	6.7
1975 .....	153,153	93,775	61.2	85,846	7,929	8.5	7.9	9.3
1976 .....	156,150	96,158	61.6	88,752	7,406	7.7	7.1	8.6
1977 .....	159,033	99,009	62.3	92,017	6,991	7.1	6.3	8.2
1978 <sup>1</sup> .....	161,910	102,251	63.2	96,048	6,202	6.1	5.3	7.2
1979 .....	164,863	104,962	63.7	98,824	6,137	5.8	5.1	6.8
1980 .....	167,745	106,940	63.8	99,303	7,637	7.1	6.9	7.4
1981 .....	170,130	108,670	63.9	100,397	8,273	7.6	7.4	7.9
1982 .....	172,271	110,204	64.0	99,526	10,678	9.7	9.9	9.4
1983 .....	174,215	111,550	64.0	100,834	10,717	9.6	9.9	9.2
1984 .....	176,383	113,544	64.4	105,005	8,539	7.5	7.4	7.6
1985 .....	178,206	115,461	64.8	107,150	8,312	7.2	7.0	7.4
1986 <sup>1</sup> .....	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
<b>Monthly data, seasonally adjusted<sup>2</sup></b>								
<b>1990:</b>								
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
<b>1991:</b>								
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
July .....	189,839	125,214	66.0	116,712	8,501	6.8	7.3	6.2
August .....	189,973	124,904	65.7	116,416	8,488	6.8	7.2	6.4
September .....	190,122	125,607	66.1	117,165	8,442	6.7	7.2	6.1

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

Explanatory Notes.

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	September 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					
<b>TOTAL</b>											
16 years and over .....	190,122	125,405	66.0	117,335	8,070	6.4	64,717	26,144	8,880	3,790	25,904
16 to 19 years .....	13,302	6,451	48.5	5,255	1,196	18.5	6,851	452	5,838	32	530
16 to 17 years .....	6,611	2,478	37.5	1,993	485	19.6	4,134	81	3,888	8	157
18 to 19 years .....	8,890	3,973	59.4	3,262	711	17.9	2,717	371	1,950	24	373
20 to 24 years .....	17,866	13,597	76.1	12,141	1,456	10.7	4,268	1,503	1,905	100	760
25 to 54 years .....	107,501	89,893	83.6	85,029	4,865	5.4	17,608	11,581	1,095	1,653	3,278
25 to 34 years .....	42,352	35,264	83.3	32,933	2,331	6.6	7,088	4,845	730	334	1,180
25 to 29 years .....	20,138	16,719	83.0	15,536	1,183	7.1	3,419	2,292	475	116	535
30 to 34 years .....	22,213	18,545	83.5	17,397	1,148	6.2	3,669	2,552	254	217	645
35 to 44 years .....	38,882	33,276	85.6	31,699	1,577	4.7	5,606	3,728	288	621	970
35 to 39 years .....	20,485	17,439	85.2	16,572	868	5.0	3,025	2,028	187	292	519
40 to 44 years .....	18,417	15,836	86.0	15,127	709	4.5	2,581	1,700	101	329	451
45 to 54 years .....	26,268	21,354	81.3	20,397	957	4.5	4,914	3,009	78	699	1,129
45 to 49 years .....	14,432	12,103	83.9	11,573	531	4.4	2,329	1,465	50	343	471
50 to 54 years .....	11,836	9,250	78.2	8,824	426	4.6	2,585	1,544	28	356	658
55 to 64 years .....	21,168	11,888	56.2	11,459	428	3.6	9,280	4,080	14	804	4,383
55 to 59 years .....	10,557	7,091	67.2	6,813	277	3.9	3,466	1,748	12	434	1,273
60 to 64 years .....	10,611	4,797	45.2	4,646	151	3.1	5,814	2,332	2	369	3,110
65 years and over .....	30,286	3,576	11.8	3,451	126	3.5	26,709	8,528	28	1,201	16,952
65 to 69 years .....	10,021	2,085	20.9	1,997	97	4.6	7,926	2,653	13	255	5,006
70 to 74 years .....	8,218	942	11.5	921	21	2.2	7,276	2,317	13	260	4,686
75 years and over .....	12,047	540	4.5	532	8	1.4	11,507	3,559	2	686	7,260
<b>Men</b>											
16 years and over .....	90,736	68,481	75.5	64,069	4,412	6.4	22,255	586	4,356	2,138	15,176
16 to 19 years .....	8,713	3,394	50.6	2,731	663	19.5	3,319	23	2,968	21	307
16 to 17 years .....	3,384	1,261	37.8	1,013	268	20.9	2,104	5	1,999	5	95
18 to 19 years .....	3,329	2,113	63.5	1,719	395	18.7	1,216	19	968	16	212
20 to 24 years .....	8,696	7,221	83.0	6,389	832	11.5	1,477	48	969	71	389
25 to 54 years .....	52,664	49,161	93.3	46,570	2,591	5.3	3,503	254	396	1,112	1,740
25 to 34 years .....	20,834	19,602	94.1	18,398	1,205	6.1	1,232	97	300	250	584
25 to 29 years .....	9,889	9,310	94.1	8,684	626	6.7	579	57	205	85	231
30 to 34 years .....	10,945	10,292	94.0	9,714	578	5.6	653	40	94	165	354
35 to 44 years .....	19,080	17,976	94.2	17,112	865	4.8	1,104	102	80	412	510
35 to 39 years .....	10,090	9,527	94.4	9,038	489	5.1	564	44	44	201	274
40 to 44 years .....	8,990	8,450	94.0	8,074	376	4.4	540	58	35	211	236
45 to 54 years .....	12,750	11,582	90.8	11,061	521	4.5	1,167	55	16	451	645
45 to 49 years .....	7,021	6,500	92.6	6,228	272	4.2	521	30	10	232	249
50 to 54 years .....	5,729	5,082	88.7	4,833	249	4.9	646	25	6	219	396
55 to 64 years .....	10,011	6,694	66.9	6,437	257	3.8	3,317	84	9	469	2,755
55 to 59 years .....	5,035	3,930	78.0	3,764	166	4.2	1,105	39	9	271	787
60 to 64 years .....	4,976	2,765	55.6	2,673	92	3.3	2,211	45	-	198	1,969
65 years and over .....	12,650	2,011	15.9	1,942	69	3.4	10,639	176	14	465	9,984
65 to 69 years .....	4,551	1,121	24.6	1,070	51	4.5	3,431	41	9	137	3,244
70 to 74 years .....	3,605	550	15.2	536	14	2.5	3,056	41	5	105	2,905
75 years and over .....	4,493	341	7.6	336	5	1.4	4,153	95	-	223	3,836
<b>Women</b>											
16 years and over .....	99,386	56,924	57.3	53,266	3,659	6.4	42,462	25,559	4,524	1,652	10,728
16 to 19 years .....	6,589	3,057	46.4	2,524	533	17.4	3,532	428	2,870	10	223
16 to 17 years .....	3,227	1,197	37.1	980	217	18.1	2,030	76	1,889	3	63
18 to 19 years .....	3,361	1,860	55.3	1,544	316	17.0	1,502	352	981	8	160
20 to 24 years .....	9,168	6,377	69.6	5,752	624	9.8	2,791	1,456	936	29	371
25 to 54 years .....	54,838	40,733	74.3	38,459	2,274	5.6	14,105	11,327	699	541	1,538
25 to 34 years .....	21,518	15,662	72.8	14,535	1,126	7.2	5,856	4,747	430	84	596
25 to 29 years .....	10,249	7,409	72.3	6,852	557	7.5	2,840	2,235	270	31	304
30 to 34 years .....	11,289	8,253	73.2	7,683	570	6.9	3,016	2,512	160	53	291
35 to 44 years .....	19,802	15,299	77.3	14,587	712	4.7	4,503	3,626	208	209	460
35 to 39 years .....	10,374	7,913	76.3	7,534	379	4.8	2,462	1,984	142	91	244
40 to 44 years .....	9,427	7,387	78.4	7,053	333	4.5	2,041	1,642	66	118	215
45 to 54 years .....	13,516	9,772	72.3	9,336	435	4.5	3,747	2,954	62	248	483
45 to 49 years .....	7,411	5,603	75.6	5,345	258	4.6	1,808	1,435	40	111	222
50 to 54 years .....	6,107	4,168	68.3	3,991	177	4.2	1,939	1,519	22	137	261
55 to 64 years .....	11,156	5,193	46.6	5,022	171	3.3	5,963	3,996	5	335	1,628
55 to 59 years .....	5,521	3,161	57.2	3,049	112	3.5	2,361	1,709	3	163	486
60 to 64 years .....	5,635	2,033	36.1	1,973	59	2.9	3,602	2,287	2	172	1,142
65 years and over .....	17,635	1,565	8.9	1,509	56	3.6	16,070	8,352	14	737	6,968
65 to 69 years .....	5,469	974	17.8	927	46	4.8	4,496	2,612	3	118	1,762
70 to 74 years .....	4,613	392	8.5	385	7	1.8	4,220	2,276	8	155	1,781
75 years and over .....	7,553	199	2.6	196	3	1.5	7,354	3,465	2	463	3,424

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

(Numbers in thousands)

Age, sex, and race	September 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					
<b>WHITE</b>											
16 years and over .....	161,738	107,414	66.4	101,276	6,138	5.7	54,324	22,345	6,684	2,890	22,405
16 to 19 years .....	10,628	5,587	52.6	4,711	877	15.7	5,040	323	4,392	26	359
16 to 17 years .....	5,255	2,177	41.4	1,803	375	17.2	3,078	66	2,893	4	115
18 to 19 years .....	5,372	3,410	63.5	2,908	502	14.7	1,962	257	1,440	21	244
20 to 24 years .....	14,650	11,402	77.8	10,354	1,047	9.2	3,248	1,152	1,484	79	533
25 to 54 years .....	90,975	76,797	84.4	73,053	3,744	4.9	14,178	9,643	827	1,239	2,469
25 to 34 years .....	35,322	29,794	84.3	28,051	1,742	5.8	5,528	3,941	550	228	809
25 to 29 years .....	16,731	14,094	84.2	13,210	885	6.3	2,636	1,818	360	86	373
30 to 34 years .....	18,591	15,699	84.4	14,842	858	5.5	2,892	2,123	191	142	437
35 to 44 years .....	33,125	28,528	86.1	27,290	1,238	4.3	4,597	3,151	217	483	747
35 to 39 years .....	17,308	14,814	85.6	14,158	656	4.4	2,494	1,724	139	226	404
40 to 44 years .....	15,817	13,714	86.7	13,132	582	4.2	2,103	1,426	77	256	343
45 to 54 years .....	22,528	18,475	82.0	17,711	764	4.1	4,053	2,552	60	529	913
45 to 49 years .....	12,376	10,420	84.2	10,004	416	4.0	1,957	1,267	40	265	384
50 to 54 years .....	10,152	8,055	79.3	7,707	348	4.3	2,097	1,285	19	264	529
55 to 64 years .....	18,355	10,389	56.6	10,028	361	3.5	7,966	3,524	13	610	3,819
55 to 59 years .....	9,081	6,184	68.1	5,960	224	3.6	2,897	1,494	11	324	1,067
60 to 64 years .....	9,274	4,205	45.3	4,069	137	3.3	5,069	2,030	2	285	2,751
65 years and over .....	27,130	3,239	11.9	3,130	109	3.4	23,891	7,702	27	936	15,226
65 to 69 years .....	8,935	1,879	21.0	1,793	86	4.6	7,056	2,391	12	194	4,459
70 to 74 years .....	7,353	864	11.8	846	18	2.1	6,489	2,075	13	209	4,192
75 years and over .....	10,841	496	4.6	490	5	1.1	10,346	3,235	2	533	6,575
<b>Men</b>											
16 years and over .....	77,812	59,343	76.3	55,880	3,463	5.8	18,468	390	3,309	1,612	13,158
16 to 19 years .....	5,374	2,917	54.3	2,436	481	16.5	2,457	11	2,212	17	217
16 to 17 years .....	2,693	1,119	41.6	920	200	17.8	1,574	4	1,499	2	69
18 to 19 years .....	2,681	1,798	67.1	1,517	282	15.7	883	7	713	15	148
20 to 24 years .....	7,198	6,066	84.3	5,437	629	10.4	1,132	26	782	57	266
25 to 54 years .....	45,118	42,599	94.4	40,526	2,073	4.9	2,519	146	293	817	1,263
25 to 34 years .....	17,607	16,796	95.4	15,822	974	5.8	811	51	222	169	368
25 to 29 years .....	8,308	7,909	95.2	7,399	510	6.4	399	27	159	60	154
30 to 34 years .....	9,299	8,888	95.6	8,423	465	5.2	411	25	64	109	214
35 to 44 years .....	16,459	15,644	95.0	14,959	685	4.4	815	64	59	312	380
35 to 39 years .....	8,631	8,232	95.4	7,847	386	4.7	398	25	31	143	199
40 to 44 years .....	7,829	7,412	94.7	7,113	300	4.0	417	39	28	169	181
45 to 54 years .....	11,052	10,159	91.9	9,744	414	4.1	893	31	11	336	514
45 to 49 years .....	6,089	5,690	93.4	5,481	209	3.7	399	18	8	172	201
50 to 54 years .....	4,963	4,468	90.0	4,263	205	4.6	494	13	3	164	314
55 to 64 years .....	8,759	5,918	67.6	5,701	218	3.7	2,841	65	9	349	2,417
55 to 59 years .....	4,371	3,469	79.4	3,337	132	3.8	902	29	9	194	670
60 to 64 years .....	4,388	2,449	55.8	2,364	86	3.5	1,939	36	-	155	1,748
65 years and over .....	11,362	1,842	16.2	1,780	62	3.3	9,520	141	13	372	8,994
65 to 69 years .....	4,080	1,031	25.3	984	47	4.5	3,049	34	9	108	2,899
70 to 74 years .....	3,236	498	15.4	487	11	2.3	2,738	32	5	84	2,617
75 years and over .....	4,046	313	7.7	309	3	1.1	3,733	75	-	179	3,478
<b>Women</b>											
16 years and over .....	83,926	48,071	57.3	45,396	2,675	5.6	35,855	21,955	3,375	1,278	9,247
16 to 19 years .....	5,253	2,670	50.8	2,275	395	14.8	2,583	312	2,120	9	142
16 to 17 years .....	2,562	1,058	41.3	883	175	16.5	1,504	62	1,393	3	46
18 to 19 years .....	2,691	1,612	59.9	1,392	220	13.7	1,079	250	727	6	96
20 to 24 years .....	7,452	5,336	71.6	4,917	418	7.8	2,117	1,126	702	22	266
25 to 54 years .....	45,857	34,198	74.6	32,527	1,671	4.9	11,660	9,497	534	423	1,206
25 to 34 years .....	17,715	12,997	73.4	12,229	768	5.9	4,718	3,889	328	59	441
25 to 29 years .....	8,422	6,185	73.4	5,810	375	6.1	2,237	1,791	201	26	218
30 to 34 years .....	9,293	6,812	73.3	6,418	393	5.8	2,481	2,098	127	33	223
35 to 44 years .....	16,666	12,884	77.3	12,331	553	4.3	3,782	3,087	157	171	366
35 to 39 years .....	8,677	6,582	75.9	6,311	270	4.1	2,095	1,699	108	84	205
40 to 44 years .....	7,989	6,302	78.9	6,020	283	4.5	1,686	1,388	49	87	162
45 to 54 years .....	11,477	8,317	72.5	7,967	350	4.2	3,160	2,521	48	193	398
45 to 49 years .....	6,287	4,730	75.2	4,523	207	4.4	1,558	1,249	32	93	184
50 to 54 years .....	5,189	3,587	69.1	3,444	143	4.0	1,602	1,272	16	100	215
55 to 64 years .....	9,596	4,471	46.6	4,328	143	3.2	5,125	3,459	4	261	1,401
55 to 59 years .....	4,710	2,715	57.6	2,623	92	3.4	1,995	1,465	2	130	398
60 to 64 years .....	4,886	1,756	35.9	1,705	51	2.9	3,130	1,994	2	130	1,004
65 years and over .....	15,767	1,397	8.9	1,349	47	3.4	14,371	7,561	14	564	6,232
65 to 69 years .....	4,855	848	17.5	809	39	4.6	4,007	2,357	3	86	1,560
70 to 74 years .....	4,117	366	8.9	359	6	1.7	3,752	2,044	8	125	1,575
75 years and over .....	6,795	183	2.7	181	2	1.0	6,613	3,160	2	353	3,097

**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	September 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					
<b>BLACK</b>											
16 years and over .....	21,683	13,685	63.1	12,055	1,630	11.9	7,998	2,845	1,551	805	2,797
16 to 19 years .....	2,088	694	33.2	427	267	38.5	1,394	123	1,126	7	139
16 to 17 years .....	1,050	243	23.1	150	92	38.0	807	13	758	3	33
18 to 19 years .....	1,039	452	43.5	276	175	38.8	587	110	368	4	106
20 to 24 years .....	2,464	1,718	69.7	1,350	368	21.4	746	287	266	18	176
25 to 54 years .....	12,406	9,886	79.7	8,958	928	9.4	2,520	1,353	158	356	653
25 to 34 years .....	5,352	4,206	78.6	3,716	489	11.6	1,146	660	101	90	295
25 to 29 years .....	2,633	2,037	77.4	1,788	249	12.2	596	371	66	29	129
30 to 34 years .....	2,719	2,169	79.8	1,928	241	11.1	550	289	34	61	166
35 to 44 years .....	4,324	3,586	82.9	3,302	283	7.9	739	386	43	119	189
35 to 39 years .....	2,371	1,991	84.0	1,806	185	9.3	380	193	33	54	99
40 to 44 years .....	1,953	1,595	81.6	1,496	98	6.2	359	193	11	65	90
45 to 54 years .....	2,730	2,095	76.7	1,939	155	7.4	635	307	14	146	169
45 to 49 years .....	1,477	1,214	82.2	1,120	94	7.7	263	125	8	62	68
50 to 54 years .....	1,253	881	70.3	819	62	7.0	372	182	6	84	101
55 to 64 years .....	2,149	1,126	52.4	1,073	54	4.8	1,023	419	-	181	423
55 to 59 years .....	1,129	685	60.7	642	44	6.4	443	185	-	104	154
60 to 64 years .....	1,020	441	43.2	431	10	2.3	580	234	-	77	269
65 years and over .....	2,575	259	10.1	247	12	4.7	2,316	664	1	245	1,407
65 to 69 years .....	869	162	18.6	155	7	4.3	707	216	1	55	436
70 to 74 years .....	688	60	8.7	57	3	( <sup>1</sup> )	629	177	-	49	403
75 years and over .....	1,018	38	3.7	36	2	( <sup>1</sup> )	980	270	-	141	568
<b>Men</b>											
16 years and over .....	9,750	6,811	69.9	6,007	804	11.8	2,939	162	699	471	1,607
16 to 19 years .....	1,035	394	38.1	234	160	40.6	641	13	563	5	60
16 to 17 years .....	535	139	26.0	78	61	44.1	396	2	376	3	15
18 to 19 years .....	500	255	50.9	156	99	38.7	245	11	188	2	45
20 to 24 years .....	1,131	898	79.3	715	183	20.4	234	18	101	13	101
25 to 54 years .....	5,574	4,811	86.3	4,392	419	8.7	763	84	34	256	389
25 to 34 years .....	2,425	2,114	87.1	1,937	177	8.4	312	39	27	74	172
25 to 29 years .....	1,193	1,062	89.0	976	86	8.1	131	30	16	25	60
30 to 34 years .....	1,232	1,051	85.3	961	90	8.6	181	9	12	49	111
35 to 44 years .....	1,936	1,695	87.6	1,534	161	9.5	241	31	5	86	119
35 to 39 years .....	1,063	928	87.3	833	95	10.2	135	13	3	49	70
40 to 44 years .....	873	768	87.9	702	66	8.6	105	18	2	37	49
45 to 54 years .....	1,213	1,003	82.6	921	81	8.1	211	14	2	96	98
45 to 49 years .....	673	579	86.1	531	48	8.3	93	10	2	44	38
50 to 54 years .....	541	423	78.3	390	33	7.9	117	5	-	52	61
55 to 64 years .....	966	578	59.8	543	34	6.0	388	15	-	113	260
55 to 59 years .....	516	342	66.2	311	30	8.9	174	9	-	73	93
60 to 64 years .....	450	236	52.4	232	4	1.8	214	7	-	40	167
65 years and over .....	1,043	130	12.5	123	7	5.6	913	30	1	84	798
65 to 69 years .....	375	65	17.4	61	4	( <sup>1</sup> )	309	6	1	24	278
70 to 74 years .....	295	39	13.2	37	2	( <sup>1</sup> )	256	7	-	20	229
75 years and over .....	374	26	7.0	25	1	( <sup>1</sup> )	348	16	-	40	291
<b>Women</b>											
16 years and over .....	11,933	6,874	57.6	6,048	826	12.0	5,059	2,684	851	335	1,189
16 to 19 years .....	1,053	300	28.5	193	107	35.7	753	110	563	2	79
16 to 17 years .....	515	103	20.1	73	31	29.7	411	11	383	-	18
18 to 19 years .....	539	197	36.6	120	77	38.9	342	99	180	2	61
20 to 24 years .....	1,333	821	61.6	636	185	22.6	512	268	164	4	75
25 to 54 years .....	6,832	5,075	74.3	4,566	509	10.0	1,757	1,269	124	100	264
25 to 34 years .....	2,926	2,092	71.5	1,779	313	14.9	834	620	73	17	123
25 to 29 years .....	1,440	975	67.7	813	162	16.7	465	341	51	4	69
30 to 34 years .....	1,486	1,117	75.2	967	150	13.5	369	279	23	12	54
35 to 44 years .....	2,389	1,891	79.1	1,768	122	6.5	498	355	39	33	71
35 to 39 years .....	1,308	1,063	81.3	973	90	8.5	245	180	30	5	29
40 to 44 years .....	1,081	827	76.5	795	32	3.9	254	176	9	28	41
45 to 54 years .....	1,517	1,092	72.0	1,018	74	6.8	425	293	12	50	70
45 to 49 years .....	804	635	78.9	589	46	7.2	170	116	6	18	30
50 to 54 years .....	713	458	64.2	429	28	6.2	255	177	6	32	40
55 to 64 years .....	1,183	549	46.4	529	19	3.5	635	404	-	68	163
55 to 59 years .....	613	344	56.1	330	13	3.9	269	176	-	31	61
60 to 64 years .....	571	205	35.9	199	6	2.9	366	227	-	37	101
65 years and over .....	1,532	129	8.4	124	5	3.8	1,403	634	-	160	609
65 to 69 years .....	494	96	19.5	93	3	3.4	398	210	-	31	157
70 to 74 years .....	394	21	5.3	20	1	( <sup>1</sup> )	373	169	-	29	174
75 years and over .....	644	12	1.9	11	1	( <sup>1</sup> )	632	254	-	101	277

<sup>1</sup> 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	September 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	
<b>TOTAL</b>									
16 years and over .....	28,385	17,992	63.4	16,059	270	15,789	1,932	10.7	10,393
16 to 19 years .....	2,674	863	32.3	544	5	539	319	37.0	1,811
16 to 17 years .....	1,356	300	22.1	190	2	188	110	36.8	1,056
18 to 19 years .....	1,318	563	42.7	354	3	351	209	37.1	755
20 to 24 years .....	3,216	2,196	68.3	1,787	23	1,764	409	18.6	1,020
25 to 54 years .....	16,526	13,096	79.2	11,976	191	11,785	1,120	8.6	3,430
25 to 34 years .....	7,030	5,470	77.8	4,882	77	4,804	589	10.8	1,559
25 to 29 years .....	3,408	2,625	77.0	2,326	46	2,281	299	11.4	783
30 to 34 years .....	3,622	2,845	78.6	2,555	32	2,523	290	10.2	777
35 to 44 years .....	5,757	4,748	82.5	4,409	56	4,353	339	7.1	1,010
35 to 39 years .....	3,157	2,626	83.2	2,414	21	2,393	212	8.1	531
40 to 44 years .....	2,600	2,122	81.6	1,995	35	1,960	127	6.0	478
45 to 54 years .....	3,739	2,879	77.0	2,686	58	2,628	193	6.7	861
45 to 49 years .....	2,056	1,684	81.9	1,569	37	1,532	115	6.8	372
50 to 54 years .....	1,683	1,195	71.0	1,117	21	1,097	78	6.5	488
55 to 64 years .....	2,813	1,499	53.3	1,431	28	1,403	68	4.5	1,314
55 to 59 years .....	1,476	907	61.4	853	10	843	54	5.9	569
60 to 64 years .....	1,337	592	44.3	578	17	560	14	2.4	745
65 years and over .....	3,156	338	10.7	321	24	297	17	5.0	2,818
65 to 69 years .....	1,086	216	19.9	204	15	190	11	5.3	870
70 to 74 years .....	865	78	9.0	75	7	68	3	3.9	787
75 years and over .....	1,205	44	3.6	42	2	40	2	( <sup>1</sup> )	1,161
<b>Men</b>									
16 years and over .....	12,925	9,138	70.7	8,189	217	7,972	949	10.4	3,787
16 to 19 years .....	1,339	476	35.6	295	5	290	181	38.0	862
16 to 17 years .....	691	162	23.4	93	2	91	68	42.3	530
18 to 19 years .....	648	315	48.6	202	3	199	113	35.8	333
20 to 24 years .....	1,500	1,155	77.0	952	20	932	203	17.6	345
25 to 54 years .....	7,545	6,562	87.0	6,044	149	5,896	517	7.9	984
25 to 34 years .....	3,227	2,806	86.9	2,575	63	2,512	230	8.2	421
25 to 29 years .....	1,581	1,402	88.6	1,285	36	1,248	117	8.3	180
30 to 34 years .....	1,646	1,404	85.3	1,291	27	1,263	114	8.1	242
35 to 44 years .....	2,621	2,332	89.0	2,153	47	2,106	179	7.7	289
35 to 39 years .....	1,460	1,294	88.7	1,191	19	1,173	103	8.0	165
40 to 44 years .....	1,161	1,038	89.4	961	28	933	76	7.4	124
45 to 54 years .....	1,698	1,424	83.9	1,316	39	1,278	107	7.5	274
45 to 49 years .....	932	810	86.9	746	23	724	63	7.8	122
50 to 54 years .....	766	614	80.2	570	16	554	44	7.2	152
55 to 64 years .....	1,252	776	62.0	738	23	714	40	5.1	476
55 to 59 years .....	664	461	69.4	427	8	419	34	7.3	203
60 to 64 years .....	588	315	53.6	309	15	294	6	1.9	273
65 years and over .....	1,288	169	13.1	162	21	141	8	4.5	1,119
65 to 69 years .....	471	90	19.1	86	13	73	4	4.6	381
70 to 74 years .....	369	51	13.9	49	7	42	2	( <sup>1</sup> )	318
75 years and over .....	448	28	6.2	27	1	25	1	( <sup>1</sup> )	420
<b>Women</b>									
16 years and over .....	15,460	8,854	57.3	7,870	53	7,817	984	11.1	6,606
16 to 19 years .....	1,335	387	29.0	249	-	249	138	35.7	949
16 to 17 years .....	665	139	20.9	97	-	96	42	30.3	526
18 to 19 years .....	671	248	37.0	152	-	152	96	38.7	423
20 to 24 years .....	1,716	1,041	60.7	835	3	832	206	19.8	675
25 to 54 years .....	8,981	6,535	72.8	5,932	42	5,890	603	9.2	2,446
25 to 34 years .....	3,803	2,664	70.1	2,306	14	2,292	358	13.4	1,136
25 to 29 years .....	1,826	1,223	67.0	1,041	9	1,032	182	14.9	603
30 to 34 years .....	1,976	1,441	72.9	1,265	5	1,260	176	12.2	535
35 to 44 years .....	3,136	2,415	77.0	2,256	9	2,247	159	6.6	721
35 to 39 years .....	1,697	1,331	78.4	1,222	3	1,220	109	8.2	366
40 to 44 years .....	1,439	1,084	75.4	1,034	7	1,027	51	4.7	355
45 to 54 years .....	2,042	1,455	71.3	1,370	19	1,351	85	5.9	587
45 to 49 years .....	1,124	874	77.7	822	14	808	52	5.9	250
50 to 54 years .....	918	581	63.3	548	5	543	34	5.8	336
55 to 64 years .....	1,561	723	46.3	695	5	690	28	3.9	838
55 to 59 years .....	812	446	54.9	426	2	424	20	4.5	366
60 to 64 years .....	749	277	37.0	269	3	266	8	2.9	472
65 years and over .....	1,868	168	9.0	159	3	157	9	5.5	1,699
65 to 69 years .....	615	126	20.5	119	2	116	7	5.8	489
70 to 74 years .....	495	27	5.4	26	-	26	1	( <sup>1</sup> )	469
75 years and over .....	758	16	2.1	15	1	14	1	( <sup>1</sup> )	742

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status and race	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991
<b>TOTAL</b>								
Civilian noninstitutional population .....	188,401	190,122	82,940	84,023	91,765	92,797	13,696	13,302
Civilian labor force .....	124,779	125,405	64,576	65,087	53,322	53,867	6,882	6,451
Percent of population .....	66.2	66.0	77.9	77.5	58.1	58.0	50.2	48.5
Employed .....	117,961	117,335	61,651	61,338	50,531	50,742	5,779	5,255
Agriculture .....	3,289	3,425	2,387	2,520	661	715	242	190
Nonagricultural industries .....	114,672	113,910	59,264	58,818	49,870	50,027	5,537	5,064
Unemployed .....	6,818	8,070	2,925	3,749	2,790	3,125	1,103	1,196
Unemployment rate .....	5.5	6.4	4.5	5.8	5.2	5.8	16.0	18.5
Not in labor force .....	63,622	64,717	18,364	18,936	38,443	38,930	6,815	6,851
<b>White</b>								
Civilian noninstitutional population .....	160,640	161,738	71,649	72,437	77,987	78,673	11,003	10,628
Civilian labor force .....	107,261	107,414	56,116	56,426	45,166	45,401	5,979	5,587
Percent of population .....	66.8	66.4	78.3	77.9	57.9	57.7	54.3	52.6
Employed .....	102,277	101,276	53,990	53,444	43,155	43,121	5,132	4,711
Agriculture .....	3,061	3,155	2,199	2,307	631	662	232	185
Nonagricultural industries .....	99,216	98,121	51,792	51,137	42,524	42,459	4,900	4,525
Unemployed .....	4,984	6,138	2,125	2,982	2,011	2,280	847	877
Unemployment rate .....	4.6	5.7	3.8	5.3	4.5	5.0	14.2	15.7
Not in labor force .....	53,379	54,324	15,534	16,011	32,821	33,272	5,024	5,040
<b>Black</b>								
Civilian noninstitutional population .....	21,361	21,683	8,539	8,715	10,686	10,879	2,136	2,088
Civilian labor force .....	13,425	13,685	6,332	6,417	6,362	6,574	731	694
Percent of population .....	62.8	63.1	74.1	73.6	59.5	60.4	34.2	33.2
Employed .....	11,855	12,055	5,658	5,773	5,682	5,855	515	427
Agriculture .....	156	183	135	152	16	29	4	3
Nonagricultural industries .....	11,699	11,872	5,523	5,621	5,665	5,826	511	424
Unemployed .....	1,569	1,630	674	644	680	719	215	267
Unemployment rate .....	11.7	11.9	10.6	10.0	10.7	10.9	29.5	38.5
Not in labor force .....	7,937	7,998	2,206	2,298	4,324	4,306	1,405	1,394



**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	September 1991									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
			Total	Full time <sup>1</sup>	Part time <sup>1</sup>	Total	Looking for full-time work	Looking for part-time work		
<b>TOTAL ENROLLED</b>										
Total, 16 to 24 years .....	14,645	6,793	46.4	5,839	1,113	4,726	954	138	816	14.0
16 to 19 years .....	9,844	3,947	40.1	3,281	284	2,997	666	76	590	16.9
20 to 24 years .....	4,801	2,846	59.3	2,558	829	1,729	288	62	226	10.1
High school .....	7,044	2,631	37.3	2,102	91	2,012	528	71	457	20.1
College .....	7,601	4,162	54.8	3,737	1,023	2,714	426	67	359	10.2
Full-time students .....	6,581	3,267	49.6	2,907	499	2,408	360	36	324	11.0
Part-time students .....	1,021	895	87.7	829	524	306	66	31	35	7.4
Men, 16 to 24 years .....	7,400	3,420	46.2	2,884	591	2,293	536	98	438	15.7
16 to 19 years .....	4,998	2,002	40.1	1,642	152	1,490	359	54	306	18.0
20 to 24 years .....	2,402	1,418	59.0	1,241	438	803	177	44	133	12.5
High school .....	3,741	1,449	38.7	1,148	55	1,093	301	54	247	20.8
College .....	3,659	1,971	53.9	1,736	535	1,200	235	44	192	11.9
Full-time students .....	3,187	1,538	48.3	1,349	297	1,052	188	24	164	12.3
Part-time students .....	473	433	91.7	386	238	149	47	20	27	10.8
Women, 16 to 24 years .....	7,244	3,373	46.6	2,955	523	2,433	418	40	378	12.4
16 to 19 years .....	4,846	1,945	40.1	1,639	132	1,507	307	22	285	15.8
20 to 24 years .....	2,398	1,428	59.5	1,317	391	926	111	18	93	7.8
High school .....	3,303	1,182	35.8	954	35	919	227	16	211	19.2
College .....	3,942	2,191	55.6	2,001	487	1,514	190	23	167	8.7
Full-time students .....	3,394	1,730	51.0	1,558	202	1,357	171	12	159	9.9
Part-time students .....	548	462	84.3	443	286	157	19	11	8	4.1
<b>White</b>										
Total, 16 to 24 years .....	11,840	5,907	49.9	5,193	985	4,208	714	80	634	12.1
16 to 19 years .....	7,846	3,450	44.0	2,953	253	2,700	498	47	450	14.4
20 to 24 years .....	3,994	2,457	61.5	2,241	733	1,508	216	32	184	8.8
Men .....	6,006	2,971	49.5	2,558	516	2,042	412	69	344	13.9
Women .....	5,834	2,936	50.3	2,635	469	2,166	301	11	290	10.3
High school .....	5,469	2,267	41.4	1,878	83	1,795	389	48	341	17.2
College .....	6,371	3,640	57.1	3,316	903	2,413	325	32	293	8.9
Full-time students .....	5,505	2,865	52.0	2,589	441	2,147	276	16	261	9.6
Part-time students .....	865	776	89.6	727	462	265	49	16	32	6.3
<b>Black</b>										
Total, 16 to 24 years .....	2,012	626	31.1	441	88	353	185	48	137	29.6
16 to 19 years .....	1,505	383	25.5	253	27	225	131	25	106	34.1
20 to 24 years .....	506	242	47.9	188	61	128	54	23	31	22.3
Men .....	990	324	32.7	224	52	171	100	27	73	30.9
Women .....	1,022	302	29.6	217	36	182	85	22	63	28.1
High school .....	1,210	278	23.0	167	7	160	111	20	91	40.0
College .....	801	348	43.4	274	81	193	74	29	45	21.3
Full-time students .....	699	272	39.0	210	40	170	62	20	43	22.8
Part-time students .....	102	76	73.8	64	41	23	12	9	3	15.7
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	1,218	467	38.4	367	83	285	100	21	79	21.4
16 to 19 years .....	896	262	29.2	179	25	154	82	20	63	31.5
20 to 24 years .....	322	205	63.9	188	57	130	18	2	16	8.6
Men .....	589	260	44.0	190	36	155	69	21	48	26.7
Women .....	629	208	33.0	177	47	130	31	-	31	14.8
High school .....	787	206	26.2	129	12	117	77	20	57	37.2
College .....	431	261	60.6	238	70	168	23	2	22	9.0
Full-time students .....	310	162	52.2	146	15	130	16	-	16	10.1
Part-time students .....	120	99	82.4	92	55	37	7	1	6	7.1

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	September 1991									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time <sup>1</sup>	Part time <sup>2</sup>	Total	Looking for full-time work	Looking for part-time work	
<b>TOTAL NOT ENROLLED</b>										
Total, 16 to 24 years .....	16,523	13,255	80.2	11,557	9,609	1,948	1,698	1,516	182	12.8
16 to 19 years .....	3,458	2,503	72.4	1,974	1,301	672	530	467	63	21.2
20 to 24 years .....	13,065	10,752	82.3	9,583	8,308	1,275	1,168	1,049	119	10.9
Less than 4 years of high school .....	4,002	2,575	64.3	2,007	1,581	426	568	517	51	22.1
4 years of high school .....	8,067	6,628	82.2	5,798	4,788	1,009	831	745	85	12.5
1 to 3 years of college .....	2,899	2,590	89.3	2,388	2,008	380	201	166	35	7.8
4 years of college or more .....	1,555	1,462	94.1	1,364	1,231	133	98	88	10	6.7
<b>Men, 16 to 24 years .....</b>	<b>8,011</b>	<b>7,195</b>	<b>89.8</b>	<b>6,236</b>	<b>5,471</b>	<b>766</b>	<b>958</b>	<b>892</b>	<b>66</b>	<b>13.3</b>
16 to 19 years .....	1,715	1,392	81.1	1,089	774	315	303	278	25	21.8
20 to 24 years .....	6,295	5,803	92.2	5,148	4,697	450	655	614	42	11.3
Less than 4 years of high school .....	2,089	1,706	81.6	1,358	1,153	205	348	335	13	20.4
4 years of high school .....	3,948	3,633	92.0	3,176	2,772	404	457	431	26	12.6
1 to 3 years of college .....	1,335	1,249	93.6	1,152	1,024	128	97	75	23	7.8
4 years of college or more .....	639	607	95.1	551	523	28	56	52	4	9.3
<b>Women, 16 to 24 years .....</b>	<b>8,512</b>	<b>6,060</b>	<b>71.2</b>	<b>5,320</b>	<b>4,138</b>	<b>1,182</b>	<b>740</b>	<b>624</b>	<b>115</b>	<b>12.2</b>
16 to 19 years .....	1,743	1,111	63.8	885	527	357	227	189	38	20.4
20 to 24 years .....	6,770	4,949	73.1	4,436	3,611	825	513	436	77	10.4
Less than 4 years of high school .....	1,913	869	45.4	649	429	221	220	182	38	25.3
4 years of high school .....	4,119	2,995	72.7	2,622	2,016	605	374	314	60	12.5
1 to 3 years of college .....	1,564	1,340	85.7	1,236	985	252	104	91	13	7.8
4 years of college or more .....	916	855	93.4	813	709	104	42	36	6	4.9
<b>White</b>										
Total, 16 to 24 years .....	13,438	11,082	82.5	9,872	8,260	1,612	1,210	1,068	142	10.9
16 to 19 years .....	2,782	2,137	76.8	1,758	1,171	588	379	325	54	17.7
20 to 24 years .....	10,656	8,945	83.9	8,114	7,089	1,025	831	743	89	9.3
<b>Men .....</b>	<b>6,566</b>	<b>6,013</b>	<b>91.6</b>	<b>5,315</b>	<b>4,686</b>	<b>629</b>	<b>698</b>	<b>641</b>	<b>56</b>	<b>11.6</b>
<b>Women .....</b>	<b>6,872</b>	<b>5,069</b>	<b>73.8</b>	<b>4,557</b>	<b>3,573</b>	<b>984</b>	<b>512</b>	<b>426</b>	<b>86</b>	<b>10.1</b>
Less than 4 years of high school .....	3,237	2,186	67.5	1,771	1,423	348	415	377	38	19.0
4 years of high school .....	6,411	5,410	84.4	4,849	4,015	834	561	497	64	10.4
1 to 3 years of college .....	2,425	2,194	90.5	2,037	1,722	315	157	127	30	7.2
4 years of college or more .....	1,365	1,293	94.7	1,215	1,099	116	78	68	10	6.0
<b>Black</b>										
Total, 16 to 24 years .....	2,541	1,787	70.3	1,336	1,052	284	450	411	39	25.2
16 to 19 years .....	583	311	53.3	174	102	72	137	125	11	43.9
20 to 24 years .....	1,958	1,476	75.4	1,162	950	212	314	286	28	21.3
<b>Men .....</b>	<b>1,177</b>	<b>968</b>	<b>82.2</b>	<b>725</b>	<b>607</b>	<b>118</b>	<b>243</b>	<b>231</b>	<b>12</b>	<b>25.1</b>
<b>Women .....</b>	<b>1,364</b>	<b>819</b>	<b>60.0</b>	<b>611</b>	<b>445</b>	<b>166</b>	<b>208</b>	<b>181</b>	<b>27</b>	<b>25.4</b>
Less than 4 years of high school .....	679	341	50.2	196	118	78	145	133	12	42.6
4 years of high school .....	1,394	1,030	73.9	778	627	151	252	231	21	24.4
1 to 3 years of college .....	358	319	88.9	277	230	47	41	35	7	13.0
4 years of college or more .....	109	97	89.2	85	77	9	12	12	-	12.2
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	2,272	1,663	73.2	1,420	1,190	230	243	217	26	14.6
16 to 19 years .....	568	382	67.3	304	217	88	78	62	16	20.4
20 to 24 years .....	1,704	1,281	75.2	1,115	973	143	165	155	10	12.9
<b>Men .....</b>	<b>1,248</b>	<b>1,123</b>	<b>90.0</b>	<b>962</b>	<b>852</b>	<b>110</b>	<b>161</b>	<b>149</b>	<b>12</b>	<b>14.3</b>
<b>Women .....</b>	<b>1,025</b>	<b>541</b>	<b>52.8</b>	<b>458</b>	<b>338</b>	<b>120</b>	<b>82</b>	<b>68</b>	<b>15</b>	<b>15.2</b>
Less than 4 years of high school .....	1,265	878	69.4	733	638	96	144	128	16	16.5
4 years of high school .....	805	628	77.9	550	440	110	77	70	7	12.3
1 to 3 years of college .....	168	131	78.1	111	89	22	20	17	3	15.5
4 years of college or more .....	34	27	( <sup>2</sup> )	25	23	3	1	1	-	( <sup>2</sup> )

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

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

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

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

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

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	Sept. 1990	Sept. 1991	Total		Employed		Unemployed			
			Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Number		Percent of labor force	
							Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991
<b>VIETNAM-ERA VETERANS</b>										
Total, 35 years and over .....	7,668	7,805	7,010	7,120	6,742	6,762	268	358	3.8	5.0
35 to 49 years .....	6,507	6,441	6,166	6,096	5,916	5,777	250	319	4.0	5.2
35 to 39 years .....	1,360	1,109	1,295	1,040	1,216	957	79	83	6.1	8.0
40 to 44 years .....	3,265	3,031	3,096	2,902	2,975	2,756	121	146	3.9	5.0
45 to 49 years .....	1,882	2,301	1,775	2,153	1,725	2,063	50	90	2.8	4.2
50 years and over .....	1,161	1,364	844	1,025	825	986	19	39	2.2	3.8
<b>NONVETERANS</b>										
Total, 35 to 49 years .....	17,623	18,576	16,520	17,360	15,968	16,588	553	772	3.3	4.4
35 to 39 years .....	8,094	8,516	7,676	8,041	7,420	7,666	256	375	3.3	4.7
40 to 44 years .....	5,334	5,838	4,971	5,434	4,797	5,207	174	227	3.5	4.2
45 to 49 years .....	4,195	4,222	3,873	3,886	3,751	3,716	122	170	3.2	4.4

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.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Sex, age, and race	September 1991							
	Employed						Unemployed	
	Full time			Part time			Looking for full-time work <sup>1</sup>	Looking for part-time work
	Total	Full-time schedules <sup>1</sup>	Part time for economic reasons, usually work full time	Total	Voluntary <sup>1</sup>	Part time for economic reasons, usually work part time		
<b>TOTAL</b>								
Total, 16 years and over .....	96,960	94,920	2,040	20,375	16,473	3,901	6,414	1,657
16 to 19 years .....	1,585	1,484	101	3,670	3,273	396	543	653
16 to 17 years .....	117	109	9	1,875	1,826	49	82	403
18 to 19 years .....	1,468	1,375	93	1,795	1,447	347	461	250
20 years and over .....	95,375	93,436	1,939	16,705	13,200	3,505	5,871	1,004
20 to 24 years .....	9,137	8,851	286	3,004	2,339	665	1,111	345
25 years and over .....	86,238	84,586	1,652	13,701	10,861	2,840	4,760	659
25 to 54 years .....	75,314	73,883	1,431	9,715	7,350	2,364	4,352	513
55 years and over .....	10,924	10,703	221	3,986	3,511	476	408	146
<b>Men, 16 years and over .....</b>	<b>57,370</b>	<b>56,091</b>	<b>1,279</b>	<b>6,700</b>	<b>5,075</b>	<b>1,624</b>	<b>3,751</b>	<b>661</b>
16 to 19 years .....	926	865	61	1,805	1,597	209	332	330
20 years and over .....	56,444	55,226	1,218	4,894	3,479	1,415	3,418	331
20 to 24 years .....	5,135	4,945	190	1,253	999	254	658	174
25 years and over .....	51,308	50,280	1,028	3,641	2,479	1,161	2,761	157
25 to 54 years .....	44,521	43,627	894	2,049	1,096	953	2,496	95
55 years and over .....	6,787	6,653	134	1,592	1,383	209	265	62
<b>Women, 16 years and over .....</b>	<b>39,591</b>	<b>38,830</b>	<b>761</b>	<b>13,675</b>	<b>11,398</b>	<b>2,277</b>	<b>2,663</b>	<b>995</b>
16 to 19 years .....	659	619	40	1,864	1,677	187	211	323
20 years and over .....	38,931	38,211	720	11,811	9,721	2,090	2,453	673
20 to 24 years .....	4,002	3,905	96	1,751	1,340	411	453	171
25 years and over .....	34,930	34,306	624	10,060	8,381	1,679	1,999	502
25 to 54 years .....	30,793	30,256	537	7,665	6,254	1,412	1,856	418
55 years and over .....	4,136	4,049	87	2,395	2,128	267	143	84
<b>White</b>								
<b>Men, 16 years and over .....</b>	<b>50,150</b>	<b>49,062</b>	<b>1,088</b>	<b>5,730</b>	<b>4,448</b>	<b>1,282</b>	<b>2,937</b>	<b>526</b>
16 to 19 years .....	821	767	54	1,615	1,432	183	233	248
20 years and over .....	49,329	48,295	1,035	4,115	3,015	1,100	2,703	278
20 to 24 years .....	4,382	4,217	165	1,055	846	209	477	152
25 years and over .....	44,948	44,078	870	3,059	2,169	890	2,227	126
25 to 54 years .....	38,894	38,134	759	1,632	909	723	2,001	73
55 years and over .....	6,054	5,943	111	1,427	1,260	167	226	53
<b>Women, 16 years and over .....</b>	<b>33,243</b>	<b>32,638</b>	<b>605</b>	<b>12,153</b>	<b>10,277</b>	<b>1,876</b>	<b>1,883</b>	<b>792</b>
16 to 19 years .....	602	567	35	1,672	1,504	169	139	256
20 years and over .....	32,640	32,071	570	10,481	8,774	1,707	1,743	536
20 to 24 years .....	3,440	3,361	79	1,477	1,141	336	298	120
25 years and over .....	29,200	28,710	490	9,004	7,633	1,371	1,445	416
25 to 54 years .....	25,658	25,246	411	6,869	5,712	1,157	1,324	347
55 years and over .....	3,542	3,463	79	2,135	1,921	214	121	69
<b>Black</b>								
<b>Men, 16 years and over .....</b>	<b>5,293</b>	<b>5,144</b>	<b>149</b>	<b>714</b>	<b>422</b>	<b>292</b>	<b>694</b>	<b>110</b>
16 to 19 years .....	80	77	2	154	129	25	93	67
20 years and over .....	5,214	5,067	147	560	293	267	601	42
20 to 24 years .....	580	563	17	135	94	41	165	18
25 years and over .....	4,634	4,504	130	425	200	225	436	24
25 to 54 years .....	4,096	3,984	112	297	100	197	402	17
55 years and over .....	538	520	18	128	99	28	34	8
<b>Women, 16 years and over .....</b>	<b>4,940</b>	<b>4,812</b>	<b>128</b>	<b>1,108</b>	<b>778</b>	<b>330</b>	<b>668</b>	<b>158</b>
16 to 19 years .....	50	45	5	143	129	14	58	49
20 years and over .....	4,890	4,767	123	965	650	315	610	108
20 to 24 years .....	431	414	17	205	135	70	144	41
25 years and over .....	4,459	4,353	106	760	515	246	466	67
25 to 54 years .....	4,010	3,911	98	556	352	204	453	56
55 years and over .....	450	442	8	204	162	42	13	11

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

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

(Numbers in thousands)

Family relationship	September 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 <sup>1</sup> .....	99,801	66.3	93,272	6,529	6.5	50,687	21,247	7,997	2,593	18,850
Husbands .....	40,078	77.5	38,588	1,490	3.7	11,639	208	157	982	10,293
With employed wife .....	26,538	91.2	25,649	889	3.4	2,557	84	64	408	2,000
With unemployed wife .....	1,255	91.1	1,140	115	9.2	122	2	6	21	93
With wife not in labor force .....	12,285	57.8	11,799	486	4.0	8,960	121	86	553	8,199
Wives .....	30,473	58.9	29,095	1,378	4.5	21,244	16,126	347	435	4,336
With employed husband .....	26,789	69.4	25,649	1,140	4.3	11,799	10,255	286	175	1,083
With unemployed husband .....	1,004	67.4	889	115	11.5	486	393	24	16	52
With husband not in labor force .....	2,679	23.0	2,557	122	4.6	8,960	5,477	38	243	3,201
Relatives in married-couple families .....	12,025	60.9	10,439	1,587	13.2	7,713	732	5,272	381	1,328
16 to 19 years .....	4,031	47.9	3,410	621	15.4	4,388	111	4,007	11	259
20 to 24 years .....	4,421	73.8	3,876	545	12.3	1,572	149	1,113	39	271
25 years and over .....	3,574	67.1	3,153	421	11.8	1,753	472	152	331	798
Women who maintain families .....	7,238	62.1	6,554	684	9.5	4,412	2,942	229	224	1,017
Relatives in families maintained by women .....	5,814	59.4	4,856	957	16.5	3,980	778	1,693	387	1,121
16 to 19 years .....	1,325	44.8	943	383	28.9	1,630	96	1,322	18	194
20 to 24 years .....	1,613	72.1	1,356	257	15.9	624	149	280	27	168
25 years and over .....	2,874	62.5	2,557	317	11.0	1,726	533	91	342	759
Men who maintain families .....	2,359	78.6	2,151	208	8.8	644	49	38	97	460
Relatives in families maintained by men .....	1,814	63.2	1,588	226	12.4	1,055	412	261	87	295
16 to 19 years .....	271	52.8	219	52	19.1	242	32	184	-	25
20 to 24 years .....	500	77.2	434	66	13.2	147	45	67	7	29
25 years and over .....	1,043	61.0	935	108	10.4	666	335	10	80	241

<sup>1</sup> 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.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Marital status, race, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991
Total, 16 years and over .....	3,516	4,412	5.2	6.4	3,302	3,659	5.8	6.4
Married, spouse present .....	1,269	1,632	3.0	3.9	1,284	1,485	4.1	4.7
Widowed, divorced, or separated .....	459	573	6.0	7.7	749	826	6.5	7.1
Single (never married) .....	1,788	2,206	9.8	11.8	1,269	1,348	9.1	9.7
White, 16 years and over .....	2,589	3,463	4.4	5.8	2,394	2,675	5.0	5.6
Married, spouse present .....	1,030	1,383	2.7	3.7	1,090	1,247	3.9	4.5
Widowed, divorced, or separated .....	336	446	5.3	7.2	523	597	5.7	6.4
Single (never married) .....	1,224	1,634	8.1	10.6	781	831	7.1	7.6
Black, 16 years and over .....	790	804	11.8	11.8	779	826	11.6	12.0
Married, spouse present .....	183	189	5.8	5.9	143	163	6.1	6.7
Widowed, divorced, or separated .....	105	114	10.0	11.0	204	194	10.5	10.0
Single (never married) .....	502	500	20.0	19.4	433	469	17.9	18.6
Total, 25 years and over .....	2,288	2,917	4.0	5.0	2,153	2,501	4.6	5.3
Married, spouse present .....	1,170	1,535	2.9	3.8	1,089	1,303	3.7	4.4
Widowed, divorced, or separated .....	430	544	5.8	7.5	695	754	6.2	6.7
Single (never married) .....	687	838	7.5	8.6	369	445	5.6	6.7
White, 25 years and over .....	1,714	2,353	3.4	4.7	1,595	1,861	4.0	4.6
Married, spouse present .....	954	1,306	2.6	3.6	931	1,090	3.6	4.2
Widowed, divorced, or separated .....	311	424	5.1	7.0	482	542	5.4	6.0
Single (never married) .....	449	623	6.0	7.9	182	229	3.7	4.7
Black, 25 years and over .....	478	461	8.7	8.3	488	533	8.8	9.3
Married, spouse present .....	169	171	5.5	5.5	116	146	5.2	6.3
Widowed, divorced, or separated .....	103	107	9.9	10.6	192	178	10.1	9.4
Single (never married) .....	207	182	14.7	12.9	181	210	12.6	13.4

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991
Total, 16 years and over .....	6,818	8,070	5.5	6.4	5.2	6.4	5.8	6.4
Managerial and professional specialty .....	792	975	2.5	3.1	2.2	2.9	3.0	3.2
Executive, administrative, and managerial .....	414	527	2.7	3.4	2.3	3.2	3.4	3.7
Professional specialty .....	378	448	2.3	2.7	2.0	2.5	2.6	2.9
Technical, sales, and administrative support .....	1,707	1,973	4.5	5.2	3.7	4.4	4.9	5.7
Technicians and related support .....	134	127	3.5	3.1	3.8	3.5	3.1	2.8
Sales occupations .....	730	802	4.9	5.5	3.2	4.0	6.7	7.1
Administrative support, including clerical .....	843	1,044	4.3	5.4	4.7	5.7	4.3	5.4
Service occupations .....	1,170	1,312	6.9	7.6	6.3	8.0	7.3	7.3
Private household .....	48	67	5.9	8.1	( <sup>1</sup> )	( <sup>1</sup> )	5.8	7.4
Protective service .....	94	111	4.7	5.2	4.5	5.0	5.7	6.0
Service, except private household and protective .....	1,028	1,133	7.3	7.9	6.9	8.9	7.5	7.4
Precision production, craft, and repair .....	832	1,003	5.8	7.1	5.6	7.1	7.9	7.6
Mechanics and repairers .....	175	218	3.8	4.7	3.8	4.7	4.5	4.9
Construction trades .....	453	540	8.3	10.0	8.0	10.1	24.4	8.2
Other precision production, craft, and repair .....	205	245	4.7	6.0	4.0	5.4	6.8	8.0
Operators, fabricators, and laborers .....	1,414	1,692	7.3	8.7	6.8	8.3	8.6	9.7
Machine operators, assemblers, and inspectors .....	657	737	7.4	8.5	6.0	7.6	9.5	9.7
Transportation and material moving occupations .....	273	339	5.1	6.3	4.9	6.4	7.4	4.8
Handlers, equipment cleaners, helpers, and laborers .....	484	615	9.2	11.4	9.9	11.3	5.6	12.3
Construction laborers .....	126	152	13.7	16.7	13.7	16.0	( <sup>1</sup> )	( <sup>1</sup> )
Other handlers, equipment cleaners, helpers, and laborers .....	358	463	8.3	10.4	9.0	10.1	5.3	11.5
Farming, forestry, and fishing .....	208	267	5.4	6.8	5.5	6.5	4.7	8.1
No previous work experience .....	662	791	-	-	-	-	-	-
16 to 19 years .....	418	486	-	-	-	-	-	-
20 to 24 years .....	137	157	-	-	-	-	-	-
25 years and over .....	107	149	-	-	-	-	-	-

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991
Total, 16 years and over .....	6,818	8,070	5.5	6.4	5.2	6.4	5.8	6.4
Nonagricultural private wage and salary workers .....	5,236	6,152	5.6	6.6	5.3	6.7	6.0	6.5
Mining .....	21	64	3.0	9.0	2.2	10.8	8.5	.3
Construction .....	579	735	9.3	12.3	9.4	12.6	8.2	9.2
Manufacturing .....	1,192	1,341	5.4	6.3	4.5	5.4	7.3	7.9
Durable goods .....	727	785	5.6	6.2	4.8	5.7	7.8	7.6
Lumber and wood products .....	53	39	6.8	6.1	6.3	6.1	9.8	5.9
Furniture and fixtures .....	40	55	5.8	7.4	5.5	8.2	6.5	5.5
Stone, clay, and glass products .....	34	34	5.1	5.2	4.3	5.8	7.6	3.5
Primary metal industries .....	31	41	3.4	4.7	3.3	4.4	3.9	6.3
Fabricated metal products .....	88	72	6.3	5.4	5.0	5.3	10.3	5.6
Machinery, except electrical .....	141	159	5.7	6.5	4.1	5.4	10.4	10.4
Electrical machinery, equipment, and supplies .....	118	112	5.6	5.5	4.9	4.9	6.8	6.3
Transportation equipment .....	154	172	5.7	6.9	5.3	6.6	7.5	8.1
Automobiles .....	78	89	6.5	7.6	5.0	7.4	11.5	8.1
Other transportation equipment .....	75	83	5.2	6.4	5.4	5.9	4.1	8.1
Professional and photographic equipment .....	22	34	2.9	4.0	2.9	2.3	2.8	6.4
Other durable goods industries .....	46	67	8.0	12.8	7.0	10.3	10.0	15.1
Nondurable goods .....	465	555	5.2	6.3	4.0	4.9	6.9	8.2
Food and kindred products .....	109	137	5.6	7.8	5.0	6.5	6.7	10.3
Textile mill products .....	48	40	6.4	5.3	6.6	3.2	6.2	7.4
Apparel and other textile products .....	97	135	8.0	11.6	8.7	9.5	7.7	12.3
Paper and allied products .....	28	26	3.4	3.3	1.9	3.3	8.4	3.4
Printing and publishing .....	71	108	3.9	5.9	3.6	5.2	4.4	6.8
Chemicals and allied products .....	37	40	2.9	2.9	1.4	2.6	6.4	3.6
Rubber and miscellaneous plastics products .....	58	47	7.4	5.9	4.4	5.1	13.1	7.4
Other nondurable goods industries .....	18	24	5.2	6.1	4.3	6.0	6.8	7.3
Transportation and public utilities .....	245	298	3.7	4.4	3.6	4.6	3.9	4.0
Transportation .....	175	232	4.5	5.8	4.7	5.9	3.8	5.5
Communications and other public utilities .....	70	66	2.6	2.4	1.8	2.3	4.1	2.6
Wholesale and retail trade .....	1,507	1,777	6.3	7.5	5.3	6.9	7.4	8.1
Wholesale trade .....	220	277	4.7	6.0	4.7	5.2	4.7	7.8
Retail trade .....	1,288	1,500	6.7	7.8	5.4	7.5	7.8	8.1
Finance, insurance, and real estate .....	234	291	3.2	4.0	2.8	3.6	3.5	4.3
Service industries .....	1,456	1,645	5.4	6.0	5.8	6.8	5.2	5.6
Professional services .....	560	564	3.6	3.6	3.0	3.6	3.9	3.6
Other service industries .....	896	1,080	7.8	9.3	8.0	9.2	7.6	9.4
Agricultural wage and salary workers .....	158	186	8.0	9.3	8.0	9.1	8.0	10.1
Government, self-employed, and unpaid family workers .....	763	940	2.7	3.2	2.5	2.9	2.9	3.5
No previous work experience .....	662	791	-	-	-	-	-	-



**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	
	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991
<b>NUMBER OF UNEMPLOYED</b>												
Total unemployed .....	6,818	8,070	2,925	3,749	2,790	3,125	1,103	1,196	4,984	6,138	1,569	1,630
Job losers .....	3,097	4,196	1,883	2,567	1,017	1,350	197	279	2,304	3,223	684	840
On layoff .....	826	831	523	498	262	296	42	37	664	685	141	125
Other job losers .....	2,271	3,365	1,361	2,069	755	1,054	155	241	1,640	2,539	544	715
Job leavers .....	1,055	1,026	406	403	457	465	192	158	849	825	175	161
Reentrants .....	2,074	2,142	559	666	1,170	1,160	345	317	1,444	1,630	542	418
New entrants .....	591	706	77	113	147	151	367	442	387	460	168	211
<b>PERCENT DISTRIBUTION</b>												
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	45.4	52.0	64.4	68.5	36.4	43.2	17.9	23.3	46.2	52.5	43.6	51.6
On layoff .....	12.1	10.3	17.9	13.3	9.4	9.5	3.8	3.1	13.3	11.2	9.0	7.7
Other job losers .....	33.3	41.7	46.5	55.2	27.1	33.7	14.1	20.2	32.9	41.4	34.6	43.9
Job leavers .....	15.5	12.7	13.9	10.8	16.4	14.9	17.5	13.2	17.0	13.4	11.1	9.9
Reentrants .....	30.4	26.5	19.1	17.8	41.9	37.1	31.3	26.5	29.0	26.5	34.6	25.6
New entrants .....	8.7	8.7	2.6	3.0	5.3	4.8	33.3	36.9	7.8	7.5	10.7	12.9
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>												
Job losers .....	2.5	3.3	2.9	3.9	1.9	2.5	2.9	4.3	2.1	3.0	5.1	6.1
Job leavers .....	.8	.8	.6	.6	.9	.9	2.8	2.5	.8	.8	1.3	1.2
Reentrants .....	1.7	1.7	.9	1.0	2.2	2.2	5.0	4.9	1.3	1.5	4.0	3.1
New entrants .....	.5	.6	.1	.2	.3	.3	5.3	6.8	.4	.4	1.3	1.5

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Reason, sex, and age	September 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 .....	8,070	100.0	42.8	30.2	27.1	13.5	13.6
Job losers .....	4,196	100.0	32.7	31.2	36.1	17.8	18.3
On layoff .....	831	100.0	48.1	26.8	25.1	14.3	10.8
Other job losers .....	3,365	100.0	28.9	32.3	38.8	18.7	20.1
Job leavers .....	1,026	100.0	51.6	30.2	18.3	10.1	8.2
Reentrants .....	2,142	100.0	56.1	26.5	17.4	8.2	9.1
New entrants .....	706	100.0	49.3	35.1	15.6	8.4	7.2
Men, 20 years and over .....	3,749	100.0	35.1	29.9	35.1	16.6	18.4
Job losers .....	2,567	100.0	30.4	29.8	39.8	18.5	21.3
On layoff .....	498	100.0	46.3	25.6	28.1	14.0	14.1
Other job losers .....	2,069	100.0	26.6	30.8	42.6	19.5	23.0
Job leavers .....	403	100.0	41.6	32.1	26.3	13.2	13.0
Reentrants .....	666	100.0	48.2	28.1	23.7	12.2	11.5
New entrants .....	113	100.0	39.7	33.4	27.0	14.1	12.9
Women, 20 years and over .....	3,125	100.0	46.5	29.7	23.8	12.3	11.5
Job losers .....	1,350	100.0	32.5	33.2	34.3	19.3	15.1
On layoff .....	296	100.0	47.3	29.3	23.4	16.7	6.7
Other job losers .....	1,054	100.0	28.4	34.2	37.4	20.0	17.4
Job leavers .....	465	100.0	54.8	29.2	16.0	9.4	6.6
Reentrants .....	1,160	100.0	59.4	24.9	15.7	6.4	9.3
New entrants .....	151	100.0	47.5	36.4	16.1	3.5	12.6
Both sexes, 16 to 19 years .....	1,196	100.0	57.1	32.3	10.6	6.6	3.9
Job losers .....	279	100.0	54.8	34.2	11.0	4.9	6.1
On layoff .....	37	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Other job losers .....	241	100.0	51.2	36.1	12.7	5.6	7.1
Job leavers .....	158	100.0	67.5	27.9	4.6	3.9	.7
Reentrants .....	317	100.0	60.6	29.0	10.4	6.6	3.8
New entrants .....	442	100.0	52.4	35.0	12.5	8.7	3.9

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

**A-16. Unemployed persons by duration of unemployment**

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991
Total, 16 years and over .....	6,818	8,070	100.0	100.0	5,366	6,414	100.0	100.0
Less than 5 weeks .....	3,230	3,452	47.4	42.8	2,222	2,361	41.4	36.8
5 to 14 weeks .....	2,112	2,433	31.0	30.2	1,800	2,048	33.5	31.9
5 to 10 weeks .....	1,503	1,668	22.0	20.7	1,283	1,366	23.9	21.3
11 to 14 weeks .....	609	765	8.9	9.5	517	682	9.6	10.6
15 weeks and over .....	1,476	2,185	21.6	27.1	1,344	2,005	25.0	31.3
15 to 26 weeks .....	755	1,087	11.1	13.5	677	986	12.6	15.4
27 weeks and over .....	721	1,098	10.6	13.6	667	1,019	12.4	15.9
27 to 51 weeks .....	317	571	4.6	7.1	308	529	5.7	8.3
52 weeks and over .....	404	527	5.9	6.5	360	489	6.7	7.6
Average (mean) duration, in weeks .....	12.2	13.9	-	-	13.6	15.5	-	-
Median duration, in weeks .....	5.1	6.3	-	-	6.4	8.0	-	-

**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	
								Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991
	September 1991										
Total, 16 years and over .....	8,070	3,452	2,433	1,087	1,098	13.9	6.3	47.4	42.8	21.6	27.1
16 to 19 years .....	1,196	683	386	79	47	7.5	3.9	66.4	57.1	7.6	10.6
20 to 24 years .....	1,456	745	442	160	109	10.1	4.4	57.0	51.2	14.6	18.4
25 to 34 years .....	2,331	1,012	670	318	332	13.8	6.4	44.9	43.4	21.3	27.9
35 to 44 years .....	1,577	530	501	256	289	16.9	8.7	36.8	33.6	28.1	34.6
45 to 54 years .....	957	315	284	174	183	18.3	9.1	36.6	32.9	33.6	37.3
55 to 64 years .....	428	121	114	86	106	21.4	12.3	31.6	28.3	41.4	44.9
65 years and over .....	126	44	35	14	32	20.4	8.1	38.7	35.4	27.4	36.6
Men, 16 years and over .....	4,412	1,675	1,341	674	722	15.7	7.8	44.2	38.0	26.2	31.6
16 to 19 years .....	663	361	221	50	31	8.2	4.1	68.8	54.5	8.3	12.2
20 to 24 years .....	832	379	278	111	64	10.9	5.5	55.0	45.6	19.1	21.0
25 to 34 years .....	1,205	450	358	176	222	16.0	8.9	41.1	37.3	25.6	33.0
35 to 44 years .....	865	245	257	167	196	19.3	10.9	30.0	28.3	33.5	42.0
45 to 54 years .....	521	150	146	104	122	21.8	11.8	30.6	28.7	41.8	43.4
55 to 64 years .....	257	75	62	55	64	21.9	12.4	28.5	29.2	46.8	46.5
65 years and over .....	69	16	20	11	23	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women, 16 years and over .....	3,659	1,776	1,092	413	377	11.7	4.8	50.8	48.6	16.8	21.6
16 to 19 years .....	533	322	165	30	16	6.7	3.7	63.7	60.4	6.7	8.6
20 to 24 years .....	624	366	165	49	45	9.1	3.8	59.0	58.6	10.2	15.0
25 to 34 years .....	1,126	562	312	142	110	11.5	4.5	49.0	49.9	16.8	22.4
35 to 44 years .....	712	286	244	89	93	14.0	6.9	43.2	40.1	22.9	25.6
45 to 54 years .....	435	165	139	70	61	14.0	6.3	42.5	38.0	25.7	30.1
55 to 64 years .....	171	46	52	31	42	20.5	12.2	37.0	27.1	31.8	42.5
65 years and over .....	56	29	15	3	9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
White, 16 years and over .....	6,138	2,618	1,864	806	849	13.6	6.3	49.3	42.7	20.7	27.0
Men .....	3,463	1,322	1,056	502	583	15.3	7.8	45.1	38.2	25.6	31.3
Women .....	2,675	1,297	808	304	266	11.4	4.8	53.8	48.5	15.3	21.3
Black, 16 years and over .....	1,630	689	486	238	217	15.0	6.3	41.3	42.3	24.4	27.9
Men .....	804	298	244	141	121	17.6	8.0	41.3	37.1	27.6	32.6
Women .....	826	391	242	97	96	12.5	5.2	41.2	47.3	21.2	23.3
Men, 16 years and over:											
Married, spouse present .....	1,632	532	462	273	366	18.7	9.9	37.4	32.6	32.6	39.2
Widowed, divorced, or separated .....	573	196	156	118	102	17.3	8.7	32.2	34.2	31.4	38.6
Single (never married) .....	2,206	947	723	282	254	13.0	6.3	52.1	42.9	20.4	24.3
Women, 16 years and over:											
Married, spouse present .....	1,485	713	432	173	167	12.3	4.9	49.6	48.0	18.5	22.9
Widowed, divorced, or separated .....	826	347	251	121	107	13.4	6.7	42.6	42.0	20.7	27.6
Single (never married) .....	1,348	716	410	120	102	10.0	4.2	56.8	53.1	12.6	16.5

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Occupation and industry	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
	September 1991							Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991
<b>OCCUPATION</b>											
Managerial and professional specialty .....	975	373	302	136	164	15.3	7.7	42.3	38.3	28.4	30.8
Technical, sales, and administrative support .....	1,973	816	625	287	246	13.2	6.4	48.3	41.4	21.1	27.0
Service occupations .....	1,312	669	377	138	128	11.2	4.4	54.9	51.0	20.2	20.3
Precision production, craft, and repair .....	1,003	377	305	155	166	15.1	7.7	43.9	37.6	23.3	32.0
Operators, fabricators, and laborers .....	1,692	658	453	271	310	17.1	8.1	43.4	38.9	24.5	34.3
Farming, forestry, and fishing .....	267	147	73	26	22	9.5	4.1	51.9	55.1	16.8	17.6
<b>INDUSTRY<sup>1</sup></b>											
Agriculture .....	186	99	58	17	12	8.3	4.2	48.1	53.2	13.3	15.6
Construction .....	750	314	222	103	111	14.1	6.7	43.6	41.9	16.2	28.5
Manufacturing .....	1,344	465	397	220	263	18.0	9.1	42.2	34.6	27.0	35.9
Durable goods .....	789	247	223	147	171	18.9	10.2	40.2	31.3	27.9	40.3
Nondurable goods .....	556	217	174	73	92	16.6	7.5	45.3	39.0	25.5	29.5
Transportation and public utilities .....	342	133	110	46	53	15.3	7.2	40.9	38.9	31.2	28.9
Wholesale and retail trade .....	1,780	762	569	236	212	12.6	6.0	52.0	42.8	21.9	25.2
Finance and service industries .....	2,282	1,026	655	318	284	13.1	5.9	48.8	45.0	22.6	26.4
Public administration .....	241	96	70	36	38	14.9	7.9	47.1	39.8	20.4	31.1
No previous work experience .....	791	390	273	70	59	11.1	4.7	50.0	49.3	11.3	16.3

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

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

Sex, age, and race	September 1991								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over .....	8,070	7,131	21.2	8.0	74.1	38.9	21.7	5.9	1.70
16 to 19 years .....	1,196	1,150	11.7	3.2	79.3	26.2	15.7	4.9	1.41
20 to 24 years .....	1,456	1,321	20.9	9.3	73.5	38.1	21.5	5.4	1.69
25 to 34 years .....	2,331	2,039	24.4	7.6	73.8	43.0	22.0	4.6	1.75
35 to 44 years .....	1,577	1,366	25.5	9.4	74.0	45.0	23.4	6.7	1.84
45 to 54 years .....	957	781	21.9	11.7	73.7	39.4	25.8	9.0	1.82
55 to 64 years .....	428	368	19.4	6.8	67.2	37.5	24.2	6.2	1.61
65 years and over .....	126	104	15.1	10.0	61.2	29.4	19.1	12.0	1.47
Men, 16 years and over .....	4,412	3,838	23.0	7.8	76.2	38.1	24.7	6.3	1.76
16 to 19 years .....	663	633	13.6	2.9	80.7	26.1	17.9	5.3	1.47
20 to 24 years .....	832	747	20.3	8.4	74.9	37.0	23.7	5.1	1.70
25 to 34 years .....	1,205	1,041	26.9	7.6	77.3	42.6	26.0	5.3	1.86
35 to 44 years .....	865	724	29.9	10.1	75.8	45.2	26.9	7.3	1.95
45 to 54 years .....	521	420	23.7	10.8	74.6	38.5	29.3	9.9	1.87
55 to 64 years .....	257	214	19.1	6.8	70.7	32.1	26.4	9.0	1.64
65 years and over .....	69	60	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women, 16 years and over .....	3,659	3,292	19.1	8.2	71.7	39.8	18.1	5.3	1.62
16 to 19 years .....	533	517	9.3	3.4	77.7	26.3	13.0	4.4	1.34
20 to 24 years .....	624	574	21.5	10.4	71.6	39.5	18.6	5.7	1.67
25 to 34 years .....	1,126	998	21.8	7.7	70.2	43.3	17.9	3.8	1.65
35 to 44 years .....	712	642	20.5	8.6	72.0	44.7	19.5	6.0	1.71
45 to 54 years .....	435	361	19.8	12.8	72.6	40.5	21.8	8.0	1.75
55 to 64 years .....	171	155	19.8	6.8	62.3	45.0	21.3	2.4	1.58
65 years and over .....	56	45	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
White, 16 years and over .....	6,138	5,354	21.0	8.0	73.7	39.8	21.8	6.2	1.70
Men .....	3,463	2,969	22.9	8.0	75.6	37.9	24.9	6.7	1.76
Women .....	2,675	2,384	18.6	7.9	71.4	42.3	17.9	5.6	1.64
Black, 16 years and over .....	1,630	1,494	22.1	8.0	78.8	35.0	20.6	4.7	1.69
Men .....	804	735	23.3	7.6	81.5	38.6	22.6	4.3	1.78
Women .....	826	759	20.9	8.4	76.1	31.4	18.7	5.1	1.61

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

NOTE: The jobseeker total is less than the total unemployed because it does not include persons on layoff or waiting to begin a new job within

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

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

Sex and reason	September 1991								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over .....	8,070	7,131	21.2	8.0	74.1	38.9	21.7	5.9	1.70
Job losers <sup>1</sup> .....	4,196	3,323	25.9	10.1	75.6	43.2	25.0	5.4	1.85
Job leavers .....	1,026	1,002	19.8	7.2	75.3	39.6	16.5	5.9	1.64
Reentrants .....	2,142	2,106	17.5	6.4	70.0	36.4	19.4	6.9	1.57
New entrants .....	706	701	12.1	4.0	78.0	24.9	20.2	5.0	1.44
Men, 16 years and over .....	4,412	3,838	23.0	7.8	76.2	38.1	24.7	6.3	1.76
Job losers <sup>1</sup> .....	2,759	2,216	26.9	9.5	76.8	41.8	26.1	5.9	1.87
Job leavers .....	482	471	22.5	5.6	74.4	37.9	21.2	4.6	1.66
Reentrants .....	818	802	17.2	6.5	75.9	32.7	22.8	8.4	1.63
New entrants .....	353	349	12.6	3.2	75.8	26.9	25.0	6.8	1.50
Women, 16 years and over .....	3,659	3,292	19.1	8.2	71.7	39.8	18.1	5.3	1.62
Job losers <sup>1</sup> .....	1,437	1,107	23.9	11.2	73.3	45.9	22.6	4.4	1.81
Job leavers .....	544	531	17.4	8.5	76.1	41.1	12.4	6.9	1.62
Reentrants .....	1,325	1,304	17.7	6.4	66.3	38.7	17.4	5.9	1.52
New entrants .....	353	351	11.6	4.9	80.2	23.0	15.3	3.3	1.38

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

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry and age	Total		Men		Women	
	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991
All industries .....	117,961	117,335	64,612	64,069	53,350	53,266
16 to 19 years .....	5,779	5,255	2,961	2,731	2,818	2,524
16 to 17 years .....	2,121	1,993	1,094	1,013	1,027	980
18 to 19 years .....	3,658	3,262	1,866	1,719	1,792	1,544
20 to 24 years .....	12,470	12,141	6,555	6,389	5,916	5,752
25 to 54 years .....	84,596	85,029	46,473	46,570	38,123	38,459
25 to 34 years .....	33,769	32,933	18,803	18,398	14,966	14,535
35 to 44 years .....	30,805	31,699	16,750	17,112	14,055	14,587
45 to 54 years .....	20,022	20,397	10,919	11,061	9,103	9,336
55 to 64 years .....	11,593	11,459	6,639	6,437	4,954	5,022
55 to 59 years .....	6,937	6,813	3,932	3,764	3,005	3,049
60 to 64 years .....	4,656	4,646	2,707	2,673	1,949	1,973
65 years and over .....	3,523	3,451	1,985	1,942	1,538	1,509
Agriculture .....	3,289	3,425	2,587	2,682	702	743
16 to 19 years .....	242	190	200	162	42	28
16 to 17 years .....	112	87	93	70	19	16
18 to 19 years .....	130	104	108	92	22	12
20 to 24 years .....	405	315	344	262	61	53
25 to 54 years .....	1,899	2,167	1,439	1,645	461	522
25 to 34 years .....	794	899	617	711	177	188
35 to 44 years .....	665	747	482	553	183	194
45 to 54 years .....	441	520	340	381	101	140
55 to 64 years .....	444	447	341	348	103	99
55 to 59 years .....	247	237	181	183	66	54
60 to 64 years .....	197	209	159	165	37	44
65 years and over .....	299	306	263	265	36	41
Nonagricultural industries .....	114,672	113,910	62,025	61,387	52,647	52,523
16 to 19 years .....	5,537	5,064	2,760	2,569	2,777	2,495
16 to 17 years .....	2,009	1,906	1,002	942	1,007	963
18 to 19 years .....	3,528	3,159	1,759	1,627	1,770	1,532
20 to 24 years .....	12,065	11,826	6,211	6,127	5,854	5,700
25 to 54 years .....	82,697	82,862	45,034	44,925	37,663	37,937
25 to 34 years .....	32,975	32,034	18,186	17,686	14,789	14,347
35 to 44 years .....	30,140	30,952	16,268	16,559	13,872	14,393
45 to 54 years .....	19,581	19,876	10,579	10,680	9,002	9,196
55 to 64 years .....	11,149	11,013	6,298	6,089	4,852	4,924
55 to 59 years .....	6,690	6,576	3,750	3,581	2,940	2,995
60 to 64 years .....	4,459	4,437	2,548	2,508	1,912	1,929
65 years and over .....	3,223	3,144	1,722	1,677	1,502	1,467

**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	
	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991
Total .....	117,961	117,335	64,612	64,069	61,651	61,338	53,350	53,266	50,531	50,742
Managerial and professional specialty .....	30,558	30,965	16,533	16,639	16,454	16,581	14,024	14,327	13,905	14,209
Executive, administrative, and managerial .....	14,799	14,848	8,904	8,778	8,854	8,756	5,894	6,070	5,850	6,026
Officials and administrators, public administration .....	503	593	305	349	305	350	198	243	198	243
Other executive, administrative, and managerial .....	10,553	10,385	6,687	6,538	6,644	6,514	3,866	3,848	3,832	3,809
Management-related occupations .....	3,743	3,870	1,912	1,891	1,904	1,892	1,831	1,979	1,820	1,974
Professional specialty .....	15,759	16,117	7,629	7,860	7,601	7,825	8,130	8,257	8,055	8,183
Engineers .....	1,841	1,872	1,716	1,717	1,716	1,716	125	155	125	155
Mathematical and computer scientists .....	918	911	563	598	561	598	355	314	353	314
Natural scientists .....	364	450	283	329	283	329	81	120	79	120
Health diagnosing occupations .....	905	827	739	693	740	693	166	135	166	135
Health assessment and treating occupations .....	2,321	2,439	324	337	322	337	1,997	2,102	1,996	2,096
Teachers, college and university .....	804	826	482	474	481	470	321	352	312	348
Teachers, except college and university .....	3,993	4,024	990	1,023	986	1,017	3,003	3,001	2,972	2,965
Lawyers and judges .....	767	800	609	678	609	677	158	122	158	122
Other professional specialty occupations .....	3,845	3,969	1,923	2,012	1,903	1,988	1,922	1,957	1,894	1,929
Technical, sales, and administrative support .....	36,358	35,879	12,774	12,677	12,184	12,105	23,583	23,202	22,091	21,887
Technicians and related support .....	3,741	3,925	1,897	2,020	1,874	1,994	1,844	1,905	1,822	1,894
Health technologists and technicians .....	1,280	1,418	214	256	211	254	1,066	1,162	1,059	1,157
Engineering and science technicians .....	1,226	1,241	944	979	927	959	282	262	276	263
Technicians, except health, engineering, and science .....	1,235	1,265	740	786	735	782	495	480	487	474
Sales occupations .....	14,034	13,778	7,107	7,044	6,735	6,663	6,927	6,734	6,022	5,899
Supervisors and proprietors .....	3,840	3,725	2,499	2,465	2,482	2,447	1,341	1,260	1,307	1,251
Sales representatives, finance and business services .....	2,430	2,306	1,369	1,323	1,359	1,302	1,061	983	1,041	958
Sales representatives, commodities, except retail .....	1,670	1,610	1,288	1,268	1,271	1,258	382	342	379	338
Sales workers, retail and personal services .....	6,019	6,056	1,921	1,958	1,594	1,625	4,098	4,098	3,254	3,300
Sales-related occupations .....	75	81	30	31	29	31	45	51	41	51
Administrative support, including clerical .....	18,582	18,177	3,770	3,613	3,575	3,448	14,812	14,564	14,247	14,095
Supervisors .....	820	758	363	342	360	342	456	417	457	416
Computer equipment operators .....	776	757	267	262	262	259	509	494	483	472
Secretaries, stenographers, and typists .....	4,657	4,392	77	46	76	43	4,580	4,346	4,447	4,234
Financial records processing .....	2,428	2,361	186	213	178	209	2,242	2,148	2,202	2,126
Mail and message distributing .....	960	882	601	520	581	507	360	362	347	351
Other administrative support, including clerical .....	8,942	9,027	2,275	2,229	2,118	2,086	6,666	6,798	6,311	6,498
Service occupations .....	15,719	15,946	6,222	6,381	5,328	5,568	9,497	9,565	8,536	8,684
Private household .....	766	761	36	22	22	17	730	739	629	656
Protective service .....	1,923	2,032	1,635	1,724	1,593	1,689	288	308	279	297
Service, except private household and protective .....	13,031	13,152	4,552	4,634	3,713	3,862	8,479	8,518	7,628	7,731
Food service .....	5,463	5,542	2,251	2,268	1,598	1,664	3,212	3,274	2,630	2,727
Health service .....	2,072	2,216	159	259	150	252	1,913	1,957	1,817	1,881
Cleaning and building service .....	3,146	2,998	1,739	1,677	1,617	1,569	1,407	1,322	1,342	1,278
Personal service .....	2,350	2,396	403	431	348	378	1,947	1,965	1,839	1,845
Precision production, craft, and repair .....	13,626	13,084	12,460	12,001	12,228	11,794	1,166	1,083	1,134	1,065
Mechanics and repairers .....	4,447	4,412	4,279	4,257	4,212	4,202	168	155	164	154
Construction trades .....	5,015	4,834	4,941	4,748	4,822	4,645	74	86	70	84
Other precision production, craft, and repair .....	4,163	3,837	3,239	2,995	3,194	2,948	924	842	901	828
Operators, fabricators, and laborers .....	18,047	17,793	13,560	13,308	12,652	12,431	4,487	4,485	4,310	4,321
Machine operators, assemblers, and inspectors .....	8,191	7,944	4,978	4,712	4,784	4,557	3,213	3,232	3,134	3,152
Manufacturing industries .....	6,696	6,506	4,029	3,836	3,887	3,724	2,667	2,670	2,619	2,605
Durable goods .....	3,624	3,504	2,571	2,398	2,501	2,339	1,053	1,106	1,034	1,089
Nondurable goods .....	3,072	3,002	1,458	1,438	1,386	1,385	1,614	1,564	1,585	1,516
Nonmanufacturing industries .....	1,495	1,438	949	876	897	833	546	562	516	547
Transportation and material moving occupations .....	5,087	5,089	4,652	4,641	4,553	4,542	435	448	428	434
Motor vehicle operators .....	3,765	3,858	3,379	3,466	3,295	3,363	387	392	380	378
Other transportation and material moving occupations .....	1,321	1,232	1,273	1,175	1,258	1,159	48	57	48	57
Handlers, equipment cleaners, helpers, and laborers .....	4,770	4,760	3,930	3,955	3,315	3,332	840	805	748	735
Construction laborers .....	795	761	769	734	706	676	26	26	26	24
Other handlers, equipment cleaners, helpers, and laborers .....	3,974	3,999	3,160	3,221	2,609	2,656	814	779	721	711
Farming, forestry, and fishing .....	3,654	3,668	3,062	3,064	2,804	2,859	591	604	555	575
Farm operators and managers .....	1,162	1,293	966	1,085	954	1,072	196	207	194	205
Other farming, forestry, and fishing occupations .....	2,492	2,375	2,096	1,978	1,851	1,787	396	396	362	370

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991
<b>TOTAL</b>						
Total, 16 years and over (thousands) .....	117,961	117,335	64,612	64,069	53,350	53,266
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	25.9	26.4	25.6	26.0	26.3	26.9
Executive, administrative, and managerial .....	12.5	12.7	13.8	13.7	11.0	11.4
Professional specialty .....	13.4	13.7	11.8	12.3	15.2	15.5
Technical, sales, and administrative support .....	30.8	30.6	19.8	19.8	44.2	43.6
Technicians and related support .....	3.2	3.3	2.9	3.2	3.5	3.6
Sales occupations .....	11.9	11.7	11.0	11.0	13.0	12.6
Administrative support, including clerical .....	15.8	15.5	5.8	5.6	27.8	27.3
Service occupations .....	13.3	13.6	9.6	10.0	17.8	18.0
Private household .....	.6	.6	.1	-	1.4	1.4
Protective service .....	1.6	1.7	2.5	2.7	.5	.6
Service, except private household and protective .....	11.0	11.2	7.0	7.2	15.9	16.0
Precision production, craft, and repair .....	11.6	11.2	19.3	18.7	2.2	2.0
Operators, fabricators, and laborers .....	15.3	15.2	21.0	20.8	8.4	8.4
Machine operators, assemblers, and inspectors .....	6.9	6.8	7.7	7.4	6.0	6.1
Transportation and material moving occupations .....	4.3	4.3	7.2	7.2	.8	.8
Handlers, equipment cleaners, helpers, and laborers .....	4.0	4.1	6.1	6.2	1.6	1.5
Farming, forestry, and fishing .....	3.1	3.1	4.7	4.8	1.1	1.1
<b>White</b>						
Total, 16 years and over (thousands) .....	102,277	101,276	56,621	55,880	45,656	45,396
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	27.0	27.5	26.8	27.2	27.1	28.0
Executive, administrative, and managerial .....	13.2	13.3	14.6	14.5	11.5	11.9
Professional specialty .....	13.8	14.2	12.2	12.7	15.7	16.1
Technical, sales, and administrative support .....	31.3	30.9	20.0	19.9	45.4	44.5
Technicians and related support .....	3.2	3.3	3.0	3.2	3.4	3.5
Sales occupations .....	12.4	12.2	11.6	11.5	13.4	13.1
Administrative support, including clerical .....	15.7	15.4	5.4	5.3	28.5	27.8
Service occupations .....	12.1	12.3	8.6	8.9	16.4	16.5
Private household .....	.5	.6	.1	-	1.1	1.2
Protective service .....	1.5	1.6	2.4	2.6	.4	.5
Service, except private household and protective .....	10.0	10.1	6.1	6.3	14.8	14.8
Precision production, craft, and repair .....	12.0	11.7	19.8	19.6	2.2	2.0
Operators, fabricators, and laborers .....	14.4	14.2	19.9	19.5	7.7	7.7
Machine operators, assemblers, and inspectors .....	6.5	6.3	7.4	7.0	5.4	5.5
Transportation and material moving occupations .....	4.1	4.1	6.8	6.8	.8	.8
Handlers, equipment cleaners, helpers, and laborers .....	3.8	3.8	5.7	5.7	1.5	1.5
Farming, forestry, and fishing .....	3.3	3.3	4.9	4.9	1.2	1.2
<b>Black</b>						
Total, 16 years and over (thousands) .....	11,855	12,055	5,924	6,007	5,931	6,048
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	15.9	15.7	12.4	13.1	19.3	18.2
Executive, administrative, and managerial .....	7.2	7.1	6.8	6.9	7.7	7.3
Professional specialty .....	8.6	8.6	5.6	6.2	11.7	10.9
Technical, sales, and administrative support .....	27.3	27.8	17.5	17.3	37.1	38.2
Technicians and related support .....	2.8	3.1	2.2	2.5	3.4	3.7
Sales occupations .....	7.9	7.8	5.5	6.2	10.3	9.5
Administrative support, including clerical .....	16.6	16.8	9.8	8.6	23.5	25.0
Service occupations .....	23.2	23.6	18.0	18.8	28.3	28.4
Private household .....	1.6	1.4	.1	.1	3.1	2.7
Protective service .....	2.8	2.8	4.1	4.1	1.6	1.4
Service, except private household and protective .....	18.8	19.4	13.8	14.6	23.7	24.3
Precision production, craft, and repair .....	8.7	7.3	15.5	12.7	1.9	1.9
Operators, fabricators, and laborers .....	23.0	23.4	33.0	34.0	12.9	12.8
Machine operators, assemblers, and inspectors .....	10.3	10.2	10.9	10.7	9.8	9.7
Transportation and material moving occupations .....	6.6	7.0	12.2	12.9	1.0	1.2
Handlers, equipment cleaners, helpers, and laborers .....	6.1	6.2	10.0	10.5	2.1	1.9
Farming, forestry, and fishing .....	2.0	2.3	3.6	4.1	.3	.4



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

(In thousands)

Age and sex	September 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 .....	104,727	982	17,847	85,898	8,980	203	1,807	1,510	109
16 to 19 years .....	5,007	130	228	4,649	52	6	147	22	22
16 to 17 years .....	1,885	87	46	1,753	21	-	57	11	19
18 to 19 years .....	3,122	44	182	2,896	31	6	90	11	3
20 to 24 years .....	11,551	103	1,038	10,410	271	5	247	58	9
25 to 34 years .....	30,120	147	4,207	25,765	1,881	33	601	283	15
35 to 44 years .....	28,117	179	5,898	22,040	2,790	45	378	352	17
45 to 54 years .....	17,802	154	3,976	13,672	2,020	54	226	275	19
55 to 64 years .....	9,642	169	2,088	7,386	1,333	37	140	292	15
55 to 59 years .....	5,834	74	1,268	4,491	725	17	74	157	6
60 to 64 years .....	3,809	94	819	2,895	608	20	66	135	9
65 years and over .....	2,488	100	412	1,977	633	23	67	228	11
<b>Men, 16 years and over .....</b>	<b>55,487</b>	<b>135</b>	<b>8,144</b>	<b>47,208</b>	<b>5,868</b>	<b>32</b>	<b>1,393</b>	<b>1,257</b>	<b>32</b>
16 to 19 years .....	2,534	42	71	2,420	30	6	127	19	17
16 to 17 years .....	931	21	16	894	12	-	46	12	13
18 to 19 years .....	1,603	21	55	1,527	18	6	81	8	3
20 to 24 years .....	5,964	13	453	5,498	162	-	203	52	7
25 to 34 years .....	16,486	21	2,003	14,463	1,193	7	450	258	3
35 to 44 years .....	14,749	24	2,638	12,087	1,809	2	275	277	-
45 to 54 years .....	9,352	19	1,761	7,572	1,324	3	166	214	-
55 to 64 years .....	5,161	10	1,021	4,129	923	6	111	234	3
55 to 59 years .....	3,084	4	603	2,478	494	3	52	130	1
60 to 64 years .....	2,076	6	419	1,651	429	3	59	104	2
65 years and over .....	1,241	5	197	1,038	427	9	60	204	1
<b>Women, 16 years and over .....</b>	<b>49,240</b>	<b>847</b>	<b>9,703</b>	<b>38,690</b>	<b>3,112</b>	<b>171</b>	<b>414</b>	<b>252</b>	<b>77</b>
16 to 19 years .....	2,473	88	157	2,229	23	-	20	3	6
16 to 17 years .....	954	65	30	859	9	-	11	-	5
18 to 19 years .....	1,519	22	127	1,370	13	-	9	3	-
20 to 24 years .....	5,586	90	585	4,911	109	4	44	6	2
25 to 34 years .....	13,633	126	2,204	11,302	688	26	150	25	12
35 to 44 years .....	13,369	155	3,261	9,953	981	43	103	75	16
45 to 54 years .....	8,450	135	2,215	6,100	696	51	60	61	19
55 to 64 years .....	4,482	159	1,066	3,257	410	32	29	58	12
55 to 59 years .....	2,749	70	666	2,013	231	15	22	27	5
60 to 64 years .....	1,733	88	401	1,244	179	17	7	31	7
65 years and over .....	1,247	95	214	938	206	15	7	24	10

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	September 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 <sup>1</sup>		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture .....	3,425	94	77	18	11	112	-	29	34	8	70	12	2,960
Mining .....	684	106	60	37	3	78	-	6	241	28	97	28	-
Construction .....	7,266	1,024	135	39	71	391	-	29	4,077	82	552	840	26
Manufacturing .....	20,634	2,443	1,770	811	727	2,191	-	309	3,789	6,506	836	1,141	111
Durable goods .....	12,146	1,447	1,180	561	319	1,253	-	140	2,618	3,504	447	582	96
Nondurable goods .....	8,488	996	589	250	408	938	-	170	1,171	3,002	388	560	15
Transportation and public utilities .....	8,226	1,000	481	298	333	2,117	-	230	1,227	123	1,910	478	28
Wholesale and retail trade .....	24,111	2,142	480	159	9,827	2,345	-	4,603	1,416	315	1,023	1,769	33
Wholesale trade .....	4,715	557	105	38	1,880	774	-	19	300	124	506	403	8
Retail trade .....	19,396	1,584	374	121	7,946	1,570	-	4,584	1,116	192	517	1,366	25
Finance, insurance, and real estate .....	7,692	2,010	191	131	1,818	3,001	-	242	179	28	13	17	61
Services .....	39,563	4,805	12,138	2,181	957	6,399	761	8,288	1,851	809	538	433	403
Private households .....	984	2	4	6	-	17	761	89	6	1	-	28	70
Other service industries .....	38,578	4,802	12,134	2,176	957	6,382	-	8,198	1,844	809	538	405	333
Professional services .....	25,922	2,726	10,811	1,772	175	4,746	-	4,637	394	220	275	86	81
Public administration .....	5,734	1,224	787	250	32	1,543	-	1,447	270	44	50	42	46

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

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

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
	Sept. 1990	Sept. 1991	Total		Wage and salary workers <sup>1</sup>			
			Sept. 1990	Sept. 1991	Paid absences		Unpaid absences	
					Sept. 1990	Sept. 1991	Sept. 1990	Sept. 1991
Total, 16 years and over .....	4,832	5,059	4,693	4,956	2,406	2,542	1,774	1,854
Vacation .....	2,465	2,543	2,395	2,503	1,668	1,750	499	500
Illness .....	1,200	1,293	1,180	1,276	464	509	638	687
Bad weather .....	50	30	30	10	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Industrial dispute .....	36	30	35	30	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
All other reasons .....	1,080	1,163	1,053	1,137	273	283	637	667
Men, 16 years and over .....	2,447	2,478	2,333	2,402	1,304	1,341	725	736
Vacation .....	1,400	1,307	1,340	1,279	978	940	227	199
Illness .....	558	654	540	638	236	283	264	301
All other reasons <sup>3</sup> .....	489	517	454	486	89	118	234	235
Women, 16 years and over .....	2,385	2,581	2,360	2,554	1,103	1,202	1,049	1,119
Vacation .....	1,065	1,235	1,055	1,223	691	811	272	301
Illness .....	643	639	641	638	228	226	375	386
All other reasons <sup>3</sup> .....	677	707	664	693	184	165	403	432

<sup>1</sup> Excludes private household workers.

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

<sup>3</sup> Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

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

Hours of work	September 1991					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over .....	112,276	3,322	108,954	100.0	100.0	100.0
1 to 34 hours .....	26,103	983	25,119	23.2	29.6	23.1
1 to 4 hours .....	772	46	727	.7	1.4	.7
5 to 14 hours .....	4,481	203	4,278	4.0	6.1	3.9
15 to 29 hours .....	13,375	452	12,922	11.9	13.6	11.9
30 to 34 hours .....	7,474	282	7,192	6.7	8.5	6.6
35 hours and over .....	86,173	2,339	83,834	76.8	70.4	76.9
35 to 39 hours .....	7,535	149	7,386	6.7	4.5	6.8
40 hours .....	45,024	736	44,288	40.1	22.2	40.6
41 hours and over .....	33,614	1,454	32,160	29.9	43.8	29.5
41 to 48 hours .....	11,492	206	11,286	10.2	6.2	10.4
49 to 59 hours .....	12,580	382	12,198	11.2	11.5	11.2
60 hours and over .....	9,543	865	8,677	8.5	26.0	8.0
Average hours, total at work .....	39.5	43.7	39.4	-	-	-
Average hours, workers on full-time schedules .....	44.0	51.6	43.8	-	-	-

**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	September 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 .....	26,103	6,884	19,219	25,119	6,608	18,511
Economic reasons .....	5,941	2,040	3,901	5,615	1,932	3,684
Slack work .....	3,048	1,692	1,356	2,829	1,591	1,238
Material shortages or repairs to plant and equipment .....	41	41	-	41	41	-
New job started during week .....	237	237	-	233	233	-
Job terminated during week .....	71	71	-	67	67	-
Could find only part-time work .....	2,545	-	2,545	2,445	-	2,445
Other reasons .....	20,161	4,844	15,317	19,504	4,677	14,827
Does not want, or unavailable for, full-time work .....	12,642	-	12,642	12,278	-	12,278
Vacation .....	1,347	1,347	-	1,320	1,320	-
Illness .....	1,426	1,249	177	1,391	1,234	157
Bad weather .....	223	223	-	151	151	-
Industrial dispute .....	7	7	-	7	7	-
Legal or religious holiday .....	581	581	-	580	580	-
Full time for this job .....	1,736	-	1,736	1,694	-	1,694
All other reasons .....	2,199	1,437	762	2,083	1,386	697
Average hours:						
Economic reasons .....	22.5	24.7	21.3	22.5	24.7	21.3
Other reasons .....	21.0	26.2	19.4	21.1	26.3	19.4
Worked 30 to 34 hours:						
Economic reasons .....	1,971	921	1,050	1,857	873	984
Other reasons .....	5,503	2,583	2,920	5,335	2,498	2,837

**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	September 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 .....	108,954	5,615	14,827	88,511	56,351	11,286	20,875	39.4	43.8
Wage and salary workers .....	100,279	4,823	13,415	82,041	53,358	10,733	17,950	39.3	43.5
Mining .....	631	12	18	601	282	98	221	47.4	48.6
Construction .....	5,517	445	185	4,888	3,293	592	1,003	40.6	43.1
Manufacturing .....	19,365	508	639	18,218	11,548	2,925	3,746	42.3	43.5
Durable goods .....	11,433	236	287	10,910	6,932	1,685	2,294	42.6	43.5
Nondurable goods .....	7,932	272	352	7,308	4,616	1,240	1,452	41.8	43.5
Transportation and public utilities .....	7,463	237	369	6,857	4,281	870	1,706	42.6	44.5
Wholesale and retail trade .....	21,194	1,582	4,979	14,632	8,769	2,198	3,664	36.8	44.1
Finance, insurance, and real estate .....	6,823	144	603	6,076	4,211	703	1,162	40.1	42.4
Service industries .....	33,832	1,845	6,390	25,598	17,237	2,812	5,549	37.4	43.1
Private households .....	953	143	443	366	243	40	83	26.0	43.2
All other industries .....	32,880	1,701	5,947	25,231	16,993	2,772	5,466	37.7	43.1
Public administration .....	5,454	50	232	5,172	3,738	535	899	41.6	42.8
Self-employed workers .....	8,473	777	1,322	6,374	2,943	544	2,887	41.0	48.3
Unpaid family workers .....	201	16	90	96	50	8	38	34.0	45.8

**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	September 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		
<b>TOTAL</b>								
Total, 16 years and over .....	108,954	5,615	14,827	88,511	56,351	32,160	39.4	43.8
16 to 19 years .....	4,918	485	3,057	1,375	1,133	243	23.8	40.3
16 to 17 years .....	1,845	56	1,691	98	88	10	15.9	36.6
18 to 19 years .....	3,073	429	1,366	1,277	1,044	233	28.5	40.6
20 years and over .....	104,036	5,130	11,770	87,136	55,218	31,918	40.1	43.9
20 to 24 years .....	11,442	907	2,191	8,344	6,008	2,337	36.3	42.2
25 years and over .....	92,593	4,223	9,579	78,792	49,210	29,581	40.6	44.0
25 to 44 years .....	60,424	2,752	5,143	52,529	32,616	19,913	41.1	44.0
45 to 64 years .....	29,270	1,311	2,992	24,967	15,640	9,327	40.8	44.1
65 years and over .....	2,899	160	1,444	1,295	955	340	28.2	41.9
Men, 16 years and over .....	58,985	2,663	4,438	51,884	29,417	22,467	42.3	45.3
16 to 19 years .....	2,512	262	1,468	782	608	174	25.0	41.5
16 to 17 years .....	922	27	842	53	46	7	16.5	( <sup>1</sup> )
18 to 19 years .....	1,590	235	626	729	562	167	29.9	41.6
20 years and over .....	56,474	2,402	2,970	51,102	28,809	22,293	43.1	45.4
20 to 24 years .....	5,985	410	930	4,644	3,105	1,539	38.3	43.3
25 years and over .....	50,489	1,991	2,040	46,458	25,704	20,754	43.6	45.6
25 to 44 years .....	33,000	1,334	731	30,935	16,997	13,938	44.2	45.6
45 to 64 years .....	15,942	581	609	14,752	8,162	6,590	43.9	45.7
65 years and over .....	1,547	76	700	771	546	226	30.0	42.8
Women, 16 years and over .....	49,968	2,952	10,389	36,627	26,934	9,694	36.0	41.7
16 to 19 years .....	2,406	224	1,590	593	525	69	22.5	38.8
16 to 17 years .....	924	30	850	45	42	3	15.4	( <sup>1</sup> )
18 to 19 years .....	1,483	194	740	548	483	66	26.9	39.3
20 years and over .....	47,562	2,728	8,799	36,034	26,409	9,625	36.6	41.7
20 to 24 years .....	5,458	497	1,261	3,700	2,902	798	34.2	40.9
25 years and over .....	42,104	2,231	7,539	32,334	23,507	8,827	37.0	41.8
25 to 44 years .....	27,424	1,417	4,412	21,595	15,621	5,974	37.4	41.8
45 to 64 years .....	13,329	729	2,384	10,216	7,477	2,739	37.1	41.9
65 years and over .....	1,352	84	744	524	409	114	26.1	40.6
<b>RACE</b>								
White, 16 years and over .....	93,869	4,593	13,257	76,019	46,998	29,021	39.5	44.0
Men .....	51,349	2,178	3,883	45,288	24,838	20,451	42.6	45.6
Women .....	42,520	2,415	9,375	30,730	22,160	8,570	35.8	41.7
Black, 16 years and over .....	11,325	851	1,063	9,411	7,234	2,178	38.4	42.0
Men .....	5,590	400	368	4,822	3,443	1,379	40.1	43.1
Women .....	5,736	451	695	4,590	3,791	799	36.8	40.8
<b>MARITAL STATUS</b>								
Men, 16 years and over:								
Married, spouse present .....	37,521	1,108	1,451	34,962	18,772	16,189	44.2	45.9
Widowed, divorced, or separated .....	6,271	385	248	5,638	3,229	2,409	43.2	45.6
Single (never married) .....	15,193	1,170	2,739	11,284	7,416	3,868	37.4	43.6
Women, 16 years and over:								
Married, spouse present .....	27,858	1,378	6,132	20,347	15,280	5,067	35.9	41.4
Widowed, divorced, or separated .....	10,157	758	1,239	8,160	5,604	2,557	38.2	42.5
Single (never married) .....	11,953	815	3,018	8,120	6,050	2,070	34.3	41.5

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

**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	September 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 <sup>1</sup> .....	108,706	5,584	14,815	88,306	56,131	11,256	20,920	39.4	43.8
Managerial and professional specialty .....	29,745	614	2,758	26,373	14,534	3,237	8,602	42.4	45.3
Executive, administrative, and managerial .....	14,314	183	793	13,338	6,865	1,694	4,779	44.3	46.0
Professional specialty .....	15,431	432	1,965	13,035	7,669	1,543	3,823	40.6	44.6
Technical, sales, and administrative support .....	34,273	1,473	6,044	26,755	18,254	3,265	5,236	37.9	42.8
Technicians and related support .....	3,770	85	414	3,270	2,268	463	539	39.7	42.5
Sales occupations .....	13,180	758	2,717	9,704	5,089	1,248	3,368	39.0	45.7
Administrative support, including clerical .....	17,323	630	2,912	13,781	10,897	1,554	1,329	36.7	40.9
Service occupations .....	15,205	1,640	4,197	9,369	6,703	994	1,672	33.9	42.7
Private household .....	736	103	341	292	200	29	64	26.4	42.6
Protective service .....	1,901	63	140	1,698	1,024	238	436	42.5	45.4
Service, except private household and protective .....	12,568	1,474	3,715	7,379	5,479	728	1,172	33.0	42.1
Precision production, craft, and repair .....	12,530	741	431	11,357	7,240	1,694	2,423	41.7	43.8
Operators, fabricators, and laborers .....	16,953	1,115	1,385	14,452	9,400	2,065	2,987	40.4	43.7
Machine operators, assemblers, and inspectors .....	7,600	427	310	6,862	4,802	1,052	1,008	40.6	42.4
Transportation and material moving occupations .....	4,800	262	365	4,174	2,104	571	1,498	43.7	47.1
Handlers, equipment cleaners, helpers, and laborers .....	4,553	427	710	3,416	2,494	442	480	36.8	42.3
Men, 16 years and over <sup>1</sup> .....	58,611	2,626	4,373	51,612	29,156	6,969	15,487	42.4	45.4
Managerial and professional specialty .....	16,078	249	785	15,044	7,116	1,781	6,147	45.3	47.1
Executive, administrative, and managerial .....	8,488	109	259	8,120	3,548	1,009	3,563	46.5	47.7
Professional specialty .....	7,590	140	526	6,924	3,568	772	2,584	43.9	46.4
Technical, sales, and administrative support .....	12,245	328	1,179	10,738	5,678	1,572	3,488	42.6	45.8
Technicians and related support .....	1,955	36	108	1,811	1,145	283	383	42.1	43.8
Sales occupations .....	6,824	174	695	5,954	2,529	814	2,611	44.2	47.8
Administrative support, including clerical .....	3,467	118	376	2,973	2,003	475	494	39.8	43.1
Service occupations .....	6,096	558	1,157	4,381	2,985	484	912	36.9	43.7
Private household .....	22	1	11	11	8	-	4	( <sup>2</sup> )	( <sup>2</sup> )
Protective service .....	1,612	46	92	1,474	858	209	406	43.6	46.0
Service, except private household and protective .....	4,462	512	1,055	2,896	2,119	276	501	34.6	42.6
Precision production, craft, and repair .....	11,500	701	319	10,480	6,599	1,594	2,286	42.0	43.9
Operators, fabricators, and laborers .....	12,692	790	933	10,969	6,778	1,538	2,654	41.3	44.6
Machine operators, assemblers, and inspectors .....	4,519	196	115	4,208	2,793	640	775	41.9	43.3
Transportation and material moving occupations .....	4,380	237	234	3,910	1,930	536	1,443	44.5	47.4
Handlers, equipment cleaners, helpers, and laborers .....	3,793	357	584	2,851	2,055	362	435	37.0	42.6
Women, 16 years and over <sup>1</sup> .....	50,095	2,958	10,442	36,695	26,975	4,287	5,434	36.0	41.7
Managerial and professional specialty .....	13,667	365	1,973	11,329	7,418	1,456	2,455	39.0	42.9
Executive, administrative, and managerial .....	5,826	74	534	5,218	3,317	685	1,216	41.1	43.3
Professional specialty .....	7,841	291	1,439	6,110	4,101	771	1,239	37.4	42.5
Technical, sales, and administrative support .....	22,027	1,145	4,865	16,017	12,576	1,693	1,748	35.3	40.8
Technicians and related support .....	1,815	50	307	1,459	1,123	180	156	37.1	40.8
Sales occupations .....	6,356	584	2,022	3,750	2,559	434	757	33.4	42.4
Administrative support, including clerical .....	13,856	512	2,536	10,808	8,894	1,079	835	35.9	40.3
Service occupations .....	9,109	1,081	3,040	4,988	3,718	510	761	31.8	41.9
Private household .....	714	102	331	281	192	29	60	26.2	42.6
Protective service .....	289	17	49	224	166	28	30	35.9	41.6
Service, except private household and protective .....	8,106	962	2,660	4,483	3,360	452	671	32.2	41.8
Precision production, craft, and repair .....	1,030	40	112	878	641	100	137	39.0	42.1
Operators, fabricators, and laborers .....	4,261	325	453	3,483	2,622	528	333	37.8	41.1
Machine operators, assemblers, and inspectors .....	3,081	231	195	2,654	2,009	412	233	38.7	41.0
Transportation and material moving occupations .....	420	25	132	264	174	35	55	35.0	43.2
Handlers, equipment cleaners, helpers, and laborers .....	760	69	126	565	440	80	45	35.7	40.4

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

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

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status and sex	1990				1991								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>TOTAL</b>													
Noninstitutional population <sup>1</sup> .....	190,002	190,095	190,312	190,483	190,592	190,717	190,703	190,836	190,980	191,173	191,443	191,589	191,746
Labor force <sup>1</sup> .....	126,571	126,445	126,338	126,791	126,253	126,678	126,786	127,128	126,690	127,134	126,818	126,520	127,231
Percent of population <sup>2</sup> .....	66.6	66.5	66.4	66.6	66.2	66.4	66.5	66.6	66.3	66.5	66.2	66.0	66.4
Total employed <sup>1</sup> .....	119,484	119,303	119,001	119,191	118,537	118,520	118,214	118,854	118,049	118,389	118,316	118,032	118,789
Employment-population ratio <sup>3</sup> .....	62.9	62.8	62.5	62.6	62.2	62.1	62.0	62.3	61.8	61.9	61.8	61.8	62.0
Resident Armed Forces .....	1,601	1,570	1,615	1,617	1,615	1,602	1,460	1,456	1,458	1,505	1,604	1,616	1,624
Civilian employed .....	117,883	117,733	117,386	117,574	116,922	116,918	116,754	117,398	116,591	116,884	116,712	116,416	117,165
Agriculture .....	3,194	3,175	3,185	3,253	3,163	3,222	3,098	3,156	3,272	3,308	3,239	3,266	3,306
Nonagricultural industries .....	114,689	114,558	114,201	114,321	113,759	113,696	113,656	114,243	113,319	113,576	113,474	113,150	113,859
Unemployed .....	7,087	7,142	7,337	7,600	7,715	8,158	8,572	8,274	8,640	8,745	8,501	8,488	8,442
Unemployment rate <sup>4</sup> .....	5.6	5.6	5.8	6.0	6.1	6.4	6.8	6.5	6.8	6.9	6.7	6.7	6.6
Not in labor force .....	63,431	63,650	63,974	63,692	64,339	64,039	63,917	63,708	64,291	64,039	64,625	65,069	64,515
<b>Men</b>													
Noninstitutional population <sup>1</sup> .....	91,271	91,299	91,440	91,537	91,590	91,650	91,587	91,652	91,720	91,839	92,023	92,100	92,185
Labor force <sup>1</sup> .....	69,814	69,804	69,899	70,058	69,543	69,749	69,808	69,855	69,704	69,793	69,821	69,652	70,261
Percent of population <sup>2</sup> .....	76.5	76.5	76.4	76.5	75.9	76.1	76.2	76.2	76.0	76.0	75.9	75.6	76.2
Total employed <sup>1</sup> .....	65,853	65,822	65,790	65,781	65,251	65,043	64,846	65,112	64,746	64,750	64,820	64,770	65,285
Employment-population ratio <sup>3</sup> .....	72.2	72.1	71.9	71.9	71.2	71.0	70.8	71.0	70.6	70.5	70.4	70.3	70.8
Resident Armed Forces .....	1,441	1,414	1,453	1,454	1,453	1,439	1,314	1,310	1,303	1,345	1,431	1,442	1,449
Civilian employed .....	64,412	64,408	64,337	64,327	63,798	63,604	63,532	63,802	63,443	63,405	63,389	63,328	63,836
Unemployed .....	3,961	3,982	4,109	4,277	4,292	4,706	4,962	4,743	4,957	5,043	5,001	4,882	4,976
Unemployment rate <sup>4</sup> .....	5.7	5.7	5.9	6.1	6.2	6.7	7.1	6.8	7.1	7.2	7.2	7.0	7.1
Not in labor force .....	21,457	21,495	21,541	21,479	22,047	21,901	21,779	21,797	22,017	22,046	22,202	22,448	21,924
<b>Women</b>													
Noninstitutional population <sup>1</sup> .....	98,731	98,796	98,872	98,946	99,002	99,067	99,116	99,184	99,260	99,334	99,421	99,489	99,561
Labor force <sup>1</sup> .....	56,757	56,641	56,439	56,733	56,710	56,929	56,978	57,273	56,986	57,341	56,997	56,868	56,971
Percent of population <sup>2</sup> .....	57.5	57.3	57.1	57.3	57.3	57.5	57.5	57.7	57.4	57.7	57.3	57.2	57.2
Total employed <sup>1</sup> .....	53,631	53,481	53,211	53,410	53,287	53,477	53,368	53,742	53,303	53,639	53,496	53,262	53,505
Employment-population ratio <sup>3</sup> .....	54.3	54.1	53.8	54.0	53.8	54.0	53.8	54.2	53.7	54.0	53.8	53.5	53.7
Resident Armed Forces .....	160	156	162	163	162	163	146	146	155	160	173	174	175
Civilian employed .....	53,471	53,325	53,049	53,247	53,125	53,314	53,222	53,596	53,148	53,479	53,323	53,088	53,330
Unemployed .....	3,126	3,160	3,228	3,323	3,423	3,452	3,610	3,531	3,683	3,702	3,500	3,606	3,466
Unemployment rate <sup>4</sup> .....	5.5	5.6	5.7	5.9	6.0	6.1	6.3	6.2	6.5	6.5	6.1	6.3	6.1
Not in labor force .....	41,974	42,155	42,433	42,213	42,292	42,138	42,138	41,911	42,274	41,993	42,424	42,621	42,590

<sup>1</sup> Includes members of the Armed Forces stationed in the United States.

<sup>2</sup> Labor force as a percent of the noninstitutional population.

<sup>3</sup> Total employment as a percent of the noninstitutional population.

<sup>4</sup> Unemployment as a percent of the labor force (including the resident

Armed Forces).

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

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, sex, and age	1990				1991								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	188,401	188,525	188,697	188,866	188,977	189,115	189,243	189,380	189,522	189,668	189,839	189,973	190,122
Civilian labor force .....	124,970	124,875	124,723	125,174	124,638	125,076	125,326	125,672	125,232	125,629	125,214	124,904	125,607
Percent of population .....	66.3	66.2	66.1	66.3	66.0	66.1	66.2	66.4	66.1	66.2	66.0	65.7	66.1
Employed .....	117,883	117,733	117,386	117,574	116,922	116,918	116,754	117,398	116,591	116,884	116,712	116,416	117,165
Employment-population ratio <sup>2</sup> .....	62.6	62.4	62.2	62.3	61.9	61.8	61.7	62.0	61.5	61.6	61.5	61.3	61.6
Unemployed .....	7,087	7,142	7,337	7,600	7,715	8,158	8,572	8,274	8,640	8,745	8,501	8,488	8,442
Unemployment rate .....	5.7	5.7	5.9	6.1	6.2	6.5	6.8	6.6	6.9	7.0	6.8	6.8	6.7
<b>Men, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	89,830	89,885	89,987	90,083	90,137	90,211	90,273	90,342	90,417	90,494	90,592	90,658	90,736
Civilian labor force .....	68,373	68,390	68,446	68,604	68,090	68,310	68,494	68,545	68,401	68,448	68,390	68,210	68,812
Percent of population .....	76.1	76.1	76.1	76.2	75.5	75.7	75.9	75.9	75.7	75.6	75.5	75.2	75.8
Employed .....	64,412	64,408	64,337	64,327	63,798	63,604	63,532	63,802	63,443	63,405	63,389	63,328	63,836
Employment-population ratio <sup>2</sup> .....	71.7	71.7	71.5	71.4	70.8	70.5	70.4	70.6	70.2	70.1	70.0	69.9	70.4
Agriculture .....	2,512	2,504	2,518	2,572	2,466	2,520	2,456	2,504	2,596	2,640	2,586	2,580	2,594
Nonagricultural industries .....	61,900	61,904	61,819	61,755	61,331	61,084	61,076	61,298	60,847	60,765	60,803	60,748	61,241
Unemployed .....	3,961	3,982	4,109	4,277	4,292	4,706	4,962	4,743	4,957	5,043	5,001	4,882	4,976
Unemployment rate .....	5.8	5.8	6.0	6.2	6.3	6.9	7.2	6.9	7.2	7.4	7.3	7.2	7.2
Not in labor force .....	21,457	21,495	21,541	21,479	22,047	21,901	21,779	21,797	22,017	22,046	22,202	22,448	21,924
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	82,940	83,013	83,092	83,208	83,271	83,392	83,466	83,567	83,636	83,748	83,865	83,940	84,023
Civilian labor force .....	64,572	64,594	64,682	64,803	64,345	64,577	64,735	64,957	64,741	64,897	64,934	64,830	65,155
Percent of population .....	77.9	77.8	77.8	77.9	77.3	77.4	77.6	77.7	77.4	77.5	77.4	77.2	77.5
Employed .....	61,248	61,245	61,217	61,188	60,734	60,533	60,551	60,905	60,556	60,625	60,683	60,613	60,890
Employment-population ratio <sup>2</sup> .....	73.8	73.8	73.7	73.5	72.9	72.6	72.5	72.9	72.4	72.4	72.4	72.2	72.5
Agriculture .....	2,299	2,283	2,307	2,365	2,289	2,315	2,255	2,328	2,368	2,438	2,381	2,365	2,423
Nonagricultural industries .....	58,949	58,962	58,910	58,823	58,445	58,217	58,296	58,577	58,188	58,187	58,302	58,248	58,467
Unemployed .....	3,324	3,349	3,465	3,615	3,611	4,044	4,184	4,052	4,184	4,272	4,251	4,217	4,265
Unemployment rate .....	5.1	5.2	5.4	5.6	5.6	6.3	6.5	6.2	6.5	6.6	6.5	6.5	6.5
Not in labor force .....	18,368	18,419	18,410	18,405	18,926	18,815	18,731	18,610	18,895	18,851	18,931	19,110	18,868
<b>Women, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	98,571	98,640	98,710	98,783	98,840	98,904	98,970	99,038	99,105	99,174	99,248	99,315	99,386
Civilian labor force .....	56,597	56,485	56,277	56,570	56,548	56,766	56,832	57,127	56,831	57,181	56,824	56,694	56,796
Percent of population .....	57.4	57.3	57.0	57.3	57.2	57.4	57.4	57.7	57.3	57.7	57.3	57.1	57.1
Employed .....	53,471	53,325	53,049	53,247	53,125	53,314	53,222	53,596	53,148	53,479	53,323	53,088	53,330
Employment-population ratio <sup>2</sup> .....	54.2	54.1	53.7	53.9	53.7	53.9	53.8	54.1	53.6	53.9	53.7	53.5	53.7
Agriculture .....	682	671	667	681	697	703	642	651	676	668	653	685	712
Nonagricultural industries .....	52,789	52,654	52,382	52,566	52,428	52,611	52,580	52,945	52,473	52,811	52,670	52,402	52,618
Unemployed .....	3,126	3,160	3,228	3,323	3,423	3,452	3,610	3,531	3,683	3,702	3,500	3,606	3,466
Unemployment rate .....	5.5	5.6	5.7	5.9	6.1	6.1	6.4	6.2	6.5	6.5	6.2	6.4	6.1
Not in labor force .....	41,974	42,155	42,433	42,213	42,292	42,138	42,138	41,911	42,274	41,993	42,424	42,621	42,590
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	91,765	91,857	91,963	92,042	92,139	92,198	92,273	92,358	92,454	92,546	92,654	92,720	92,797
Civilian labor force .....	53,129	53,047	52,896	53,182	53,097	53,284	53,359	53,634	53,480	53,883	53,617	53,616	53,596
Percent of population .....	57.9	57.7	57.5	57.8	57.6	57.8	57.8	58.1	57.8	58.2	57.9	57.8	57.8
Employed .....	50,504	50,423	50,196	50,389	50,300	50,404	50,323	50,695	50,363	50,723	50,738	50,575	50,656
Employment-population ratio <sup>2</sup> .....	55.0	54.9	54.6	54.7	54.6	54.7	54.5	54.9	54.5	54.8	54.8	54.5	54.6
Agriculture .....	633	628	627	647	664	675	607	623	633	617	601	642	679
Nonagricultural industries .....	49,871	49,795	49,569	49,742	49,636	49,728	49,716	50,072	49,731	50,106	50,136	49,933	49,977
Unemployed .....	2,625	2,624	2,700	2,793	2,797	2,881	3,035	2,939	3,117	3,160	2,879	3,041	2,940
Unemployment rate .....	4.9	4.9	5.1	5.3	5.3	5.4	5.7	5.5	5.8	5.9	5.4	5.7	5.5
Not in labor force .....	38,636	38,810	39,067	38,860	39,042	38,914	38,914	38,724	38,974	38,663	39,037	39,104	39,201
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	13,696	13,655	13,642	13,616	13,567	13,525	13,504	13,455	13,432	13,374	13,320	13,313	13,302
Civilian labor force .....	7,269	7,234	7,145	7,189	7,196	7,215	7,232	7,081	7,011	6,850	6,662	6,458	6,856
Percent of population .....	53.1	53.0	52.4	52.8	53.0	53.3	53.6	52.6	52.2	51.2	50.0	48.5	51.5
Employed .....	6,131	6,065	5,973	5,997	5,889	5,982	5,879	5,798	5,672	5,537	5,291	5,228	5,619
Employment-population ratio <sup>2</sup> .....	44.8	44.4	43.8	44.0	43.4	44.2	43.5	43.1	42.2	41.4	39.7	39.3	42.2
Agriculture .....	262	264	251	241	211	232	235	204	271	254	256	259	204
Nonagricultural industries .....	5,869	5,801	5,722	5,756	5,678	5,750	5,644	5,594	5,401	5,283	5,035	4,969	5,415
Unemployed .....	1,138	1,169	1,172	1,192	1,307	1,233	1,353	1,283	1,339	1,313	1,371	1,230	1,237
Unemployment rate .....	15.7	16.2	16.4	16.6	18.2	17.1	18.7	18.1	19.1	19.2	20.6	19.0	18.0
Not in labor force .....	6,427	6,421	6,497	6,427	6,371	6,310	6,272	6,374	6,421	6,524	6,658	6,855	6,446

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

<sup>2</sup> Civilian employment as a percent of the civilian noninstitutional population.



**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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	160,640	160,717	160,831	160,942	161,007	161,097	161,179	161,264	161,357	161,449	161,558	161,642	161,738
Civilian labor force .....	107,391	107,277	107,048	107,517	106,962	107,432	107,488	107,678	107,491	107,745	107,382	107,090	107,618
Percent of population .....	66.9	66.7	66.6	66.8	66.4	66.7	66.7	66.8	66.6	66.7	66.5	66.3	66.5
Employed .....	102,192	102,017	101,648	101,843	101,104	101,141	100,870	101,455	100,944	101,046	100,760	100,610	101,112
Employment-population ratio <sup>2</sup> .....	63.6	63.5	63.2	63.3	62.8	62.8	62.6	62.9	62.6	62.6	62.4	62.2	62.5
Unemployed .....	5,199	5,260	5,400	5,674	5,858	6,291	6,617	6,223	6,547	6,699	6,622	6,480	6,505
Unemployment rate .....	4.8	4.9	5.0	5.3	5.5	5.9	6.2	5.8	6.1	6.2	6.2	6.1	6.0
<b>Men, 20 years and over</b>													
Civilian labor force .....	56,119	56,123	56,174	56,307	55,836	56,000	56,151	56,310	56,210	56,267	56,344	56,252	56,532
Percent of population .....	78.3	78.3	78.3	78.3	77.6	77.8	77.9	78.1	77.9	77.9	77.9	77.7	78.0
Employed .....	53,675	53,615	53,564	53,497	53,010	52,801	52,828	53,179	53,025	52,962	52,960	52,934	53,072
Employment-population ratio <sup>2</sup> .....	74.9	74.8	74.6	74.4	73.7	73.3	73.3	73.7	73.5	73.3	73.2	73.1	73.3
Unemployed .....	2,444	2,508	2,610	2,810	2,826	3,198	3,323	3,131	3,185	3,304	3,385	3,318	3,459
Unemployment rate .....	4.4	4.5	4.6	5.0	5.1	5.7	5.9	5.6	5.7	5.9	6.0	5.9	6.1
<b>Women, 20 years and over</b>													
Civilian labor force .....	44,984	44,918	44,711	44,995	44,888	45,211	45,186	45,304	45,242	45,572	45,316	45,254	45,176
Percent of population .....	57.7	57.6	57.2	57.6	57.4	57.8	57.7	57.8	57.7	58.0	57.7	57.6	57.4
Employed .....	43,101	43,032	42,768	43,001	42,841	43,019	42,892	43,169	42,932	43,213	43,137	42,998	43,035
Employment-population ratio <sup>2</sup> .....	55.3	55.1	54.8	55.0	54.8	55.0	54.8	55.1	54.7	55.0	54.9	54.7	54.7
Unemployed .....	1,883	1,886	1,943	1,994	2,047	2,192	2,294	2,136	2,310	2,360	2,179	2,256	2,141
Unemployment rate .....	4.2	4.2	4.3	4.4	4.6	4.8	5.1	4.7	5.1	5.2	4.8	5.0	4.7
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	6,288	6,236	6,163	6,215	6,238	6,222	6,151	6,064	6,039	5,906	5,722	5,584	5,910
Percent of population .....	57.1	56.9	56.3	57.0	57.4	57.5	57.1	56.4	56.3	55.3	53.7	52.5	55.6
Employed .....	5,416	5,370	5,316	5,345	5,253	5,321	5,150	5,108	4,987	4,871	4,663	4,678	5,005
Employment-population ratio <sup>2</sup> .....	49.2	49.0	48.6	49.0	48.3	49.2	47.8	47.5	46.5	45.6	43.7	43.9	47.1
Unemployed .....	872	866	847	870	985	901	1,001	956	1,052	1,035	1,059	906	905
Unemployment rate .....	13.9	13.9	13.7	14.0	15.8	14.5	16.3	15.8	17.4	17.5	18.5	16.2	15.3
Men .....	15.0	14.7	14.9	14.9	15.8	15.4	18.6	16.9	19.3	19.9	20.0	16.9	16.4
Women .....	12.6	13.0	12.5	13.0	15.8	13.4	13.7	14.7	15.4	14.9	16.8	15.5	14.1
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	21,361	21,383	21,417	21,448	21,470	21,493	21,516	21,541	21,569	21,595	21,631	21,655	21,683
Civilian labor force .....	13,476	13,493	13,550	13,486	13,501	13,421	13,610	13,670	13,472	13,613	13,516	13,454	13,737
Percent of population .....	63.1	63.1	63.3	62.9	62.9	62.4	63.3	63.5	62.5	63.0	62.5	62.1	63.4
Employed .....	11,869	11,913	11,897	11,836	11,866	11,839	11,934	11,948	11,727	11,837	11,922	11,796	12,080
Employment-population ratio <sup>2</sup> .....	55.6	55.7	55.5	55.2	55.3	55.1	55.5	55.5	54.4	54.8	55.1	54.5	55.7
Unemployed .....	1,607	1,580	1,653	1,650	1,635	1,582	1,675	1,722	1,745	1,777	1,595	1,658	1,657
Unemployment rate .....	11.9	11.7	12.2	12.2	12.1	11.8	12.3	12.6	13.0	13.1	11.8	12.3	12.1
<b>Men, 20 years and over</b>													
Civilian labor force .....	6,324	6,339	6,348	6,359	6,313	6,366	6,395	6,416	6,265	6,399	6,379	6,301	6,409
Percent of population .....	74.1	74.1	74.3	74.1	73.5	73.9	74.1	74.2	72.6	73.9	73.5	72.4	73.5
Employed .....	5,597	5,635	5,638	5,664	5,602	5,649	5,672	5,647	5,475	5,584	5,638	5,577	5,716
Employment-population ratio <sup>2</sup> .....	65.5	65.9	66.0	66.0	65.2	65.6	65.7	65.3	63.5	64.5	64.9	64.1	65.6
Unemployed .....	727	704	710	695	712	717	723	769	790	815	741	724	693
Unemployment rate .....	11.5	11.1	11.2	10.9	11.3	11.3	11.3	12.0	12.6	12.7	11.6	11.5	10.8
<b>Women, 20 years and over</b>													
Civilian labor force .....	6,362	6,345	6,365	6,339	6,374	6,286	6,388	6,476	6,459	6,483	6,418	6,485	6,576
Percent of population .....	59.5	59.3	59.4	59.0	59.3	58.4	59.2	60.0	59.7	59.8	59.2	59.7	60.4
Employed .....	5,716	5,728	5,717	5,668	5,738	5,694	5,755	5,812	5,755	5,768	5,813	5,816	5,896
Employment-population ratio <sup>2</sup> .....	53.5	53.5	53.3	52.8	53.4	52.9	53.4	53.8	53.2	53.2	53.6	53.5	54.2
Unemployed .....	646	617	648	671	636	593	633	664	705	715	605	669	680
Unemployment rate .....	10.2	9.7	10.2	10.6	10.0	9.4	9.9	10.3	10.9	11.0	9.4	10.3	10.3

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>BLACK—Continued</b>													
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	790	809	837	788	814	769	826	779	747	732	719	668	752
Percent of population .....	37.0	38.0	38.9	36.9	38.4	36.4	39.2	37.1	35.1	34.8	34.3	31.9	36.0
Employed .....	556	550	542	504	526	497	507	490	497	485	470	403	468
Employment-population ratio <sup>2</sup> .....	26.0	25.8	25.2	23.6	24.8	23.5	24.1	23.3	23.3	23.0	22.4	19.3	22.4
Unemployed .....	234	259	295	284	288	272	319	289	250	247	249	265	284
Unemployment rate .....	29.6	32.0	35.2	36.0	35.4	35.4	38.6	37.1	33.5	33.7	34.6	39.7	37.8
Men .....	31.4	31.3	33.2	36.4	34.6	35.5	38.4	38.4	36.7	37.4	31.8	37.5	40.8
Women .....	27.6	32.7	37.5	35.6	36.1	35.2	38.9	35.7	30.1	28.9	37.4	42.3	33.6
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> .....	14,396	14,435	14,474	14,514	14,553	14,593	14,632	14,672	14,711	14,751	14,790	14,829	14,869
Civilian labor force .....	9,632	9,580	9,500	9,569	9,675	9,578	9,696	9,739	9,695	9,737	9,834	9,747	9,863
Percent of population .....	66.9	66.4	65.6	65.9	66.5	65.6	66.3	66.4	65.9	66.0	66.5	65.7	66.3
Employed .....	8,809	8,793	8,683	8,676	8,779	8,664	8,700	8,859	8,756	8,781	8,903	8,778	8,764
Employment-population ratio <sup>2</sup> .....	61.2	60.9	60.0	59.8	60.3	59.4	59.5	60.4	59.5	59.5	60.2	59.2	58.9
Unemployed .....	823	787	817	893	896	914	997	880	939	956	931	969	1,098
Unemployment rate .....	8.5	8.2	8.6	9.3	9.3	9.5	10.3	9.0	9.7	9.8	9.5	9.9	11.1

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

<sup>2</sup> Civilian employment as a percent of the civilian noninstitutional population.

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

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(In thousands)

Category	1990				1991								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>CHARACTERISTIC</b>													
Total .....	117,883	117,733	117,386	117,574	116,922	116,918	116,754	117,398	116,591	116,884	116,712	116,416	117,165
Married men, spouse present .....	40,833	40,833	40,844	40,728	40,316	40,482	40,296	40,502	40,280	40,337	40,503	40,462	40,510
Married women, spouse present .....	29,797	29,789	29,713	29,776	29,599	29,680	29,514	29,762	29,608	29,877	29,993	29,915	29,843
Women who maintain families .....	6,376	6,354	6,341	6,367	6,386	6,384	6,470	6,371	6,350	6,520	6,489	6,467	6,574
<b>OCCUPATION</b>													
Managerial and professional specialty .....	30,572	30,714	30,732	30,777	30,699	31,093	30,764	30,990	30,908	30,842	30,926	30,850	31,002
Technical, sales, and administrative support .....	36,541	36,447	36,380	36,242	36,360	36,100	36,265	36,515	36,233	36,283	35,891	35,876	36,096
Service occupations .....	15,889	15,880	15,861	15,904	15,746	15,773	15,948	15,882	15,793	16,142	16,138	15,939	16,075
Precision production, craft, and repair .....	13,604	13,547	13,428	13,524	13,399	13,333	13,212	13,197	13,181	13,207	13,057	13,102	13,045
Operators, fabricators, and laborers .....	17,814	17,858	17,752	17,695	17,227	16,997	17,051	17,150	17,188	16,974	17,184	17,121	17,509
Farming, forestry, and fishing .....	3,449	3,376	3,360	3,436	3,437	3,499	3,387	3,464	3,451	3,502	3,540	3,466	3,451
<b>INDUSTRY AND CLASS OF WORKER</b>													
Agriculture:													
Wage and salary workers .....	1,752	1,714	1,681	1,671	1,603	1,629	1,556	1,660	1,703	1,748	1,678	1,704	1,746
Self-employed workers .....	1,293	1,350	1,386	1,473	1,396	1,448	1,412	1,450	1,421	1,431	1,497	1,480	1,431
Unpaid family workers .....	108	99	116	102	157	168	134	95	117	115	120	102	118
Nonagricultural industries:													
Wage and salary workers .....	105,686	105,384	105,267	105,095	104,698	104,569	104,455	104,697	104,613	104,345	104,422	104,122	104,744
Government .....	17,597	17,694	17,633	17,640	17,680	17,792	17,829	18,064	17,904	17,898	17,969	17,908	17,955
Private industries .....	88,089	87,690	87,634	87,455	87,018	86,777	86,626	86,633	86,709	86,447	86,453	86,214	86,789
Private households .....	1,067	1,017	992	1,013	967	953	980	943	934	1,005	1,113	1,058	1,013
Other industries .....	87,022	86,673	86,642	86,442	86,051	85,824	85,646	85,690	85,775	85,441	85,340	85,156	85,775
Self-employed workers .....	8,809	8,859	8,800	8,896	8,738	8,876	8,926	9,209	8,732	8,968	8,860	8,817	8,980
Unpaid family workers .....	238	250	255	238	232	239	224	213	206	260	229	212	195
<b>PERSONS AT WORK PART TIME<sup>1</sup></b>													
All industries:													
Part time for economic reasons .....	5,301	5,409	5,438	5,581	5,510	6,062	6,163	6,162	5,932	5,705	5,881	5,892	6,374
Slack work .....	2,658	2,663	2,786	2,928	2,908	3,252	3,303	3,383	3,138	3,146	3,091	3,073	3,417
Could only find part-time work .....	2,408	2,344	2,340	2,302	2,214	2,401	2,494	2,462	2,556	2,325	2,505	2,621	2,728
Voluntary part time .....	15,250	15,129	15,048	15,081	14,833	14,971	14,819	15,027	14,876	15,598	15,208	15,040	15,046
Nonagricultural industries:													
Part time for economic reasons .....	5,051	5,135	5,163	5,262	5,178	5,803	5,889	5,956	5,702	5,425	5,605	5,643	6,130
Slack work .....	2,482	2,467	2,625	2,742	2,692	3,067	3,107	3,181	2,971	2,964	2,915	2,886	3,207
Could only find part-time work .....	2,333	2,281	2,262	2,218	2,133	2,349	2,404	2,403	2,463	2,229	2,435	2,533	2,638
Voluntary part time .....	14,823	14,715	14,658	14,650	14,461	14,528	14,452	14,641	14,377	15,168	14,737	14,591	14,579

<sup>1</sup> Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(In thousands)

Sex and age	1990				1991								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over .....	117,883	117,733	117,386	117,574	116,922	116,918	116,754	117,398	116,591	116,884	116,712	116,416	117,165
16 to 24 years .....	18,684	18,577	18,518	18,572	18,442	18,274	18,186	18,192	17,822	17,587	17,430	17,347	17,849
16 to 19 years .....	6,131	6,065	5,973	5,997	5,889	5,982	5,879	5,798	5,672	5,537	5,291	5,228	5,619
16 to 17 years .....	2,246	2,212	2,225	2,224	2,215	2,360	2,177	2,146	2,102	2,153	1,957	1,973	2,127
18 to 19 years .....	3,856	3,857	3,739	3,774	3,704	3,631	3,695	3,643	3,549	3,381	3,372	3,293	3,466
20 to 24 years .....	12,553	12,512	12,545	12,575	12,554	12,292	12,306	12,394	12,151	12,050	12,138	12,119	12,230
25 years and over .....	99,212	99,160	98,847	98,937	98,463	98,605	98,529	99,150	98,727	99,358	99,357	99,046	99,371
25 to 54 years .....	84,322	84,325	84,075	84,070	83,717	83,866	83,821	84,342	84,165	84,572	84,606	84,481	84,684
55 years and over .....	14,992	14,851	14,812	14,901	14,628	14,687	14,720	14,778	14,583	14,757	14,740	14,534	14,745
Men, 16 years and over .....	64,412	64,408	64,337	64,327	63,798	63,604	63,532	63,802	63,443	63,405	63,389	63,328	63,836
16 to 24 years .....	9,760	9,712	9,695	9,758	9,594	9,483	9,392	9,371	9,264	9,114	9,128	9,116	9,381
16 to 19 years .....	3,164	3,163	3,120	3,139	3,063	3,071	2,981	2,897	2,887	2,780	2,706	2,715	2,945
16 to 17 years .....	1,170	1,163	1,179	1,172	1,205	1,215	1,092	1,075	1,080	1,114	1,036	995	1,096
18 to 19 years .....	1,976	1,995	1,950	1,966	1,886	1,857	1,895	1,810	1,782	1,662	1,706	1,726	1,833
20 to 24 years .....	6,596	6,549	6,575	6,619	6,530	6,412	6,412	6,474	6,377	6,333	6,423	6,400	6,436
25 years and over .....	54,670	54,687	54,637	54,546	54,190	54,084	54,113	54,433	54,154	54,336	54,272	54,179	54,514
25 to 54 years .....	46,153	46,219	46,137	46,035	45,819	45,742	45,761	45,962	45,828	45,947	45,981	45,968	46,225
55 years and over .....	8,573	8,492	8,498	8,553	8,318	8,326	8,353	8,415	8,330	8,368	8,291	8,187	8,302
Women, 16 years and over .....	53,471	53,325	53,049	53,247	53,125	53,314	53,222	53,596	53,148	53,479	53,323	53,088	53,330
16 to 24 years .....	8,924	8,865	8,823	8,814	8,848	8,791	8,793	8,821	8,559	8,473	8,301	8,232	8,468
16 to 19 years .....	2,967	2,902	2,853	2,858	2,825	2,911	2,899	2,901	2,785	2,756	2,586	2,513	2,674
16 to 17 years .....	1,076	1,049	1,046	1,052	1,010	1,145	1,085	1,071	1,022	1,039	921	978	1,031
18 to 19 years .....	1,880	1,862	1,789	1,808	1,818	1,774	1,800	1,833	1,767	1,719	1,666	1,567	1,633
20 to 24 years .....	5,957	5,963	5,970	5,956	6,023	5,881	5,895	5,920	5,774	5,717	5,716	5,719	5,795
25 years and over .....	44,542	44,473	44,210	44,391	44,273	44,521	44,416	44,717	44,573	45,022	45,085	44,866	44,858
25 to 54 years .....	38,169	38,106	37,938	38,035	37,898	38,124	38,060	38,380	38,337	38,624	38,625	38,513	38,459
55 years and over .....	6,419	6,359	6,314	6,348	6,310	6,361	6,367	6,363	6,253	6,389	6,449	6,347	6,444

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

(In thousands)

Sex and age	1990				1991								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over .....	7,087	7,142	7,337	7,600	7,715	8,158	8,572	8,274	8,640	8,745	8,501	8,488	8,442
16 to 24 years .....	2,426	2,463	2,428	2,463	2,617	2,682	2,770	2,680	2,864	2,825	2,905	2,678	2,725
16 to 19 years .....	1,138	1,169	1,172	1,192	1,307	1,233	1,353	1,283	1,339	1,313	1,371	1,230	1,237
16 to 17 years .....	506	508	507	524	541	480	576	578	539	545	618	555	549
18 to 19 years .....	654	657	662	665	745	741	785	709	826	772	739	667	711
20 to 24 years .....	1,288	1,294	1,256	1,271	1,310	1,449	1,417	1,397	1,525	1,512	1,534	1,448	1,488
25 years and over .....	4,652	4,630	4,910	5,160	5,162	5,501	5,811	5,678	5,715	5,893	5,542	5,765	5,720
25 to 54 years .....	4,136	4,105	4,403	4,664	4,618	4,940	5,205	5,117	5,134	5,167	4,992	5,107	5,135
55 years and over .....	514	536	513	501	510	582	638	588	624	691	616	645	589
Men, 16 years and over .....	3,961	3,982	4,109	4,277	4,292	4,706	4,962	4,743	4,957	5,043	5,001	4,882	4,976
16 to 24 years .....	1,319	1,325	1,335	1,363	1,461	1,520	1,638	1,566	1,577	1,627	1,665	1,508	1,607
16 to 19 years .....	637	633	644	662	681	662	778	691	773	771	750	665	711
16 to 17 years .....	273	263	280	295	278	287	364	304	291	287	329	296	300
18 to 19 years .....	375	368	367	366	381	375	421	389	495	478	405	369	418
20 to 24 years .....	682	692	691	701	780	858	860	875	804	856	915	843	896
25 years and over .....	2,616	2,630	2,764	2,937	2,897	3,201	3,344	3,246	3,326	3,379	3,288	3,330	3,345
25 to 54 years .....	2,284	2,299	2,448	2,625	2,535	2,847	2,951	2,888	2,953	2,903	2,940	2,894	2,979
55 years and over .....	337	344	335	316	319	367	399	390	410	413	412	427	366
Women, 16 years and over .....	3,126	3,160	3,228	3,323	3,423	3,452	3,610	3,531	3,683	3,702	3,500	3,606	3,466
16 to 24 years .....	1,107	1,138	1,093	1,100	1,156	1,162	1,132	1,113	1,287	1,198	1,239	1,171	1,118
16 to 19 years .....	501	536	528	530	626	571	575	592	566	542	621	565	526
16 to 17 years .....	233	245	227	229	263	193	212	274	248	258	289	259	249
18 to 19 years .....	279	289	295	299	364	366	364	320	331	294	334	298	293
20 to 24 years .....	606	602	565	570	530	591	557	521	721	656	618	606	592
25 years and over .....	2,036	2,000	2,146	2,223	2,265	2,300	2,467	2,432	2,389	2,514	2,254	2,435	2,375
25 to 54 years .....	1,852	1,806	1,955	2,039	2,083	2,092	2,254	2,229	2,182	2,264	2,052	2,212	2,155
55 years and over .....	177	192	178	185	191	214	239	198	214	277	204	217	223

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

(Civilian workers)

Sex and age	1990				1991								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over .....	5.7	5.7	5.9	6.1	6.2	6.5	6.8	6.6	6.9	7.0	6.8	6.8	6.7
16 to 24 years .....	11.5	11.7	11.6	11.7	12.4	12.8	13.2	12.8	13.8	13.8	14.3	13.4	13.2
16 to 19 years .....	15.7	16.2	16.4	16.6	18.2	17.1	18.7	18.1	19.1	19.2	20.6	19.0	18.0
16 to 17 years .....	18.4	18.7	18.6	19.1	19.6	16.9	20.9	21.2	20.4	20.2	24.0	22.0	20.5
18 to 19 years .....	14.5	14.6	15.0	15.0	16.7	16.9	17.5	16.3	18.9	18.6	18.0	16.8	17.0
20 to 24 years .....	9.3	9.4	9.1	9.2	9.5	10.5	10.3	10.1	11.2	11.1	11.2	10.7	10.8
25 years and over .....	4.5	4.5	4.7	5.0	5.0	5.3	5.6	5.4	5.5	5.6	5.3	5.5	5.4
25 to 54 years .....	4.7	4.6	5.0	5.3	5.2	5.6	5.8	5.7	5.7	5.8	5.6	5.7	5.7
55 years and over .....	3.3	3.5	3.3	3.3	3.4	3.8	4.2	3.8	4.1	4.5	4.0	4.2	3.8
Men, 16 years and over .....	5.8	5.8	6.0	6.2	6.3	6.9	7.2	6.9	7.2	7.4	7.3	7.2	7.2
16 to 24 years .....	11.9	12.0	12.1	12.3	13.2	13.8	14.9	14.3	14.5	15.1	15.4	14.2	14.6
16 to 19 years .....	16.8	16.7	17.1	17.4	18.2	17.7	20.7	19.3	21.1	21.7	21.7	19.7	19.4
16 to 17 years .....	18.9	18.4	19.2	20.1	18.7	19.1	25.0	22.0	21.2	20.5	24.1	22.9	21.5
18 to 19 years .....	16.0	15.6	15.8	15.7	16.8	16.8	18.2	17.7	21.7	22.3	19.2	17.6	18.6
20 to 24 years .....	9.4	9.6	9.5	9.6	10.7	11.8	11.8	11.9	11.2	11.9	12.5	11.6	12.2
25 years and over .....	4.6	4.6	4.8	5.1	5.1	5.6	5.8	5.6	5.8	5.9	5.7	5.8	5.8
25 to 54 years .....	4.7	4.7	5.0	5.4	5.2	5.9	6.1	5.9	6.1	5.9	6.0	5.9	6.1
55 years and over .....	3.8	3.9	3.8	3.6	3.7	4.2	4.6	4.4	4.7	4.7	4.7	5.0	4.2
Women, 16 years and over .....	5.5	5.6	5.7	5.9	6.1	6.1	6.4	6.2	6.5	6.5	6.2	6.4	6.1
16 to 24 years .....	11.0	11.4	11.0	11.1	11.6	11.7	11.4	11.2	13.1	12.4	13.0	12.5	11.7
16 to 19 years .....	14.4	15.6	15.6	15.6	18.1	16.4	16.6	16.9	16.9	16.4	19.4	18.4	16.4
16 to 17 years .....	17.8	18.9	17.8	17.9	20.7	14.4	16.3	20.4	19.5	19.9	23.9	20.9	19.5
18 to 19 years .....	12.9	13.4	14.2	14.2	16.7	17.1	16.8	14.9	15.8	14.6	16.7	16.0	15.2
20 to 24 years .....	9.2	9.2	8.6	8.7	8.1	9.1	8.6	8.1	11.1	10.3	9.8	9.6	9.3
25 years and over .....	4.4	4.3	4.6	4.8	4.9	4.9	5.3	5.2	5.1	5.3	4.8	5.1	5.0
25 to 54 years .....	4.6	4.5	4.9	5.1	5.2	5.2	5.6	5.5	5.4	5.5	5.0	5.4	5.3
55 years and over .....	2.7	2.9	2.7	2.8	2.9	3.3	3.6	3.0	3.3	4.2	3.1	3.3	3.3

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Unemployment rates)

Category	1990				1991								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>CHARACTERISTIC</b>													
Total (all civilian workers) .....	5.7	5.7	5.9	6.1	6.2	6.5	6.8	6.6	6.9	7.0	6.8	6.8	6.7
Men, 20 years and over .....	5.1	5.2	5.4	5.6	5.6	6.3	6.5	6.2	6.5	6.6	6.5	6.5	6.5
Women, 20 years and over .....	4.9	4.9	5.1	5.3	5.3	5.4	5.7	5.5	5.8	5.9	5.4	5.7	5.5
Both sexes, 16 to 19 years .....	15.7	16.2	16.4	16.6	18.2	17.1	18.7	18.1	19.1	19.2	20.6	19.0	18.0
White .....	4.8	4.9	5.0	5.3	5.5	5.9	6.2	5.8	6.1	6.2	6.2	6.1	6.0
Black and other .....	10.8	10.6	11.0	11.1	10.7	10.7	11.1	11.2	11.5	11.4	10.5	11.1	11.0
Black .....	11.9	11.7	12.2	12.2	12.1	11.8	12.3	12.6	13.0	13.1	11.8	12.3	12.1
Hispanic origin .....	8.5	8.2	8.6	9.3	9.3	9.5	10.3	9.0	9.7	9.8	9.5	9.9	11.1
Married men, spouse present .....	3.5	3.5	3.7	3.8	4.0	4.3	4.5	4.4	4.4	4.7	4.3	4.3	4.5
Married women, spouse present .....	3.9	3.9	4.1	4.1	4.1	4.4	4.8	4.5	4.6	4.7	4.3	4.4	4.5
Women who maintain families .....	8.7	8.5	8.7	8.7	9.0	9.1	9.0	9.9	9.1	9.2	8.3	9.6	8.9
Full-time workers .....	5.4	5.5	5.7	5.8	6.0	6.4	6.5	6.3	6.5	6.6	6.5	6.5	6.4
Part-time workers .....	7.2	7.1	7.3	7.6	7.7	7.6	9.1	8.1	9.0	8.6	8.3	8.2	8.3
Unemployed 15 weeks and over <sup>1</sup> .....	1.3	1.3	1.4	1.4	1.5	1.6	1.7	1.8	1.8	2.0	1.9	1.9	1.9
Labor force time lost <sup>2</sup> .....	6.4	6.6	6.7	6.9	7.0	7.5	7.7	7.6	7.7	7.6	7.5	7.6	7.7
<b>OCCUPATION<sup>3</sup></b>													
Managerial and professional specialty .....	2.3	2.2	2.2	2.2	2.7	2.4	2.7	2.6	3.0	2.8	2.9	2.9	2.8
Technical, sales, and administrative support .....	4.3	4.4	4.6	4.8	4.5	5.0	5.3	5.2	5.3	5.2	4.9	5.1	5.1
Precision production, craft, and repair .....	6.5	6.5	6.9	7.0	7.3	7.6	7.6	7.8	8.0	7.8	8.5	8.3	8.0
Operators, fabricators, and laborers .....	8.2	8.9	9.4	9.6	10.0	11.6	11.2	10.8	10.2	11.5	10.6	10.1	9.7
Farming, forestry, and fishing .....	6.2	5.5	6.2	6.9	7.6	7.9	9.1	6.5	7.1	7.6	6.7	8.1	8.1
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers .....	5.8	5.9	6.2	6.3	6.4	6.9	7.2	7.0	7.2	7.4	7.1	7.0	6.9
Goods-producing industries .....	7.1	7.3	7.9	8.1	8.2	9.1	9.0	9.2	9.0	9.7	9.1	8.9	8.7
Mining .....	3.8	4.1	4.7	5.8	7.5	6.0	7.1	7.5	6.4	8.5	8.7	7.5	11.1
Construction .....	12.0	13.0	13.3	14.0	14.5	15.5	14.1	15.0	14.7	15.6	16.7	15.1	15.7
Manufacturing .....	5.8	5.8	6.5	6.5	6.4	7.4	7.6	7.6	7.4	8.2	7.0	7.2	6.6
Durable goods .....	6.0	5.9	6.9	6.6	6.8	8.1	8.2	8.3	7.7	8.4	7.1	7.4	6.7
Nondurable goods .....	5.4	5.7	5.9	6.4	5.9	6.5	6.8	6.6	7.0	7.9	6.9	6.9	6.6
Service-producing industries .....	5.3	5.3	5.4	5.4	5.6	5.9	6.4	6.0	6.4	6.3	6.2	6.2	6.2
Transportation and public utilities .....	3.9	4.1	4.1	4.2	4.4	5.3	5.5	5.4	5.5	5.4	5.1	5.1	4.7
Wholesale and retail trade .....	6.6	6.7	6.7	6.6	7.0	7.4	7.9	7.3	7.7	7.6	8.1	7.6	7.8
Finance and service industries .....	4.7	4.5	4.7	4.8	4.9	5.0	5.6	5.2	5.7	5.7	5.1	5.5	5.3
Government workers .....	2.8	2.8	2.8	2.7	3.0	3.2	3.7	3.2	3.2	2.8	2.8	3.3	3.4
Agricultural wage and salary workers .....	9.3	8.5	9.8	12.3	11.9	11.5	13.8	9.9	11.2	12.2	11.5	11.9	10.9

<sup>1</sup> Unemployment as a percent of the civilian labor force.

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

<sup>3</sup> 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.

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

(Numbers in thousands)

Weeks of unemployment	1990				1991								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>DURATION</b>													
Less than 5 weeks .....	3,087	3,139	3,277	3,280	3,410	3,473	3,515	3,287	3,654	3,427	3,368	3,385	3,322
5 to 14 weeks .....	2,452	2,391	2,334	2,518	2,490	2,736	2,904	2,745	2,717	2,862	2,722	2,602	2,832
15 weeks and over .....	1,605	1,591	1,727	1,739	1,829	1,975	2,184	2,229	2,234	2,573	2,348	2,396	2,362
15 to 26 weeks .....	861	893	938	940	981	1,053	1,236	1,226	1,206	1,411	1,215	1,221	1,224
27 weeks and over .....	744	698	789	799	848	921	947	1,003	1,028	1,162	1,132	1,175	1,138
Average (mean) duration, in weeks .....	12.4	12.0	12.4	12.4	12.4	12.8	13.0	13.7	12.9	14.2	13.9	14.0	14.0
Median duration, in weeks .....	6.1	5.9	5.9	5.9	5.9	6.1	6.6	7.0	6.5	6.9	6.6	7.2	7.5
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks .....	43.2	44.1	44.7	43.5	44.1	42.4	40.9	39.8	42.5	38.7	39.9	40.4	39.0
5 to 14 weeks .....	34.3	33.6	31.8	33.4	32.2	33.4	33.8	33.2	31.6	32.3	32.3	31.0	33.3
15 weeks and over .....	22.5	22.3	23.5	23.1	23.7	24.1	25.4	27.0	26.0	29.0	27.8	28.6	27.7
15 to 26 weeks .....	12.1	12.5	12.8	12.5	12.7	12.9	14.4	14.8	14.0	15.9	14.4	14.6	14.4
27 weeks and over .....	10.4	9.8	10.8	10.6	11.0	11.3	11.0	12.1	11.9	13.1	13.4	14.0	13.4

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

(Numbers in thousands)

Reasons for unemployment	1990				1991								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	3,519	3,563	3,756	3,797	4,068	4,515	4,703	4,528	4,657	4,869	4,596	4,665	4,801
On layoff .....	1,111	1,056	1,136	1,150	1,131	1,485	1,430	1,370	1,343	1,389	1,188	1,281	1,129
Other job losers .....	2,408	2,507	2,620	2,647	2,938	3,031	3,273	3,158	3,314	3,481	3,408	3,384	3,672
Job leavers .....	954	981	996	1,024	899	989	1,080	987	1,053	1,090	990	883	929
Reentrants .....	1,952	1,911	1,926	2,128	2,044	1,994	2,090	2,053	2,202	2,143	2,047	2,112	2,017
New entrants .....	663	684	655	662	672	633	699	741	779	741	821	762	782
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	49.6	49.9	51.2	49.9	53.0	55.5	54.9	54.5	53.6	55.1	54.4	55.4	56.3
On layoff .....	15.7	14.8	15.5	15.1	14.7	18.3	16.7	16.5	15.5	15.7	14.1	15.2	13.2
Other job losers .....	34.0	35.1	35.7	34.8	38.2	37.3	38.2	38.0	38.1	39.4	40.3	40.2	43.1
Job leavers .....	13.5	13.7	13.6	13.5	11.7	12.2	12.6	11.9	12.1	12.3	11.7	10.5	10.9
Reentrants .....	27.5	26.8	26.3	28.0	26.6	24.5	24.4	24.7	25.3	24.2	24.2	25.1	23.6
New entrants .....	9.4	9.6	8.9	8.7	8.7	7.8	8.2	8.9	9.0	8.4	9.7	9.0	9.2
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	2.8	2.9	3.0	3.0	3.3	3.6	3.8	3.6	3.7	3.9	3.7	3.7	3.8
Job leavers .....	.8	.8	.8	.8	.7	.8	.9	.8	.8	.9	.8	.7	.7
Reentrants .....	1.6	1.5	1.5	1.7	1.6	1.6	1.7	1.6	1.8	1.7	1.6	1.7	1.6
New entrants .....	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.7	.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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>TOTAL</b>													
Noninstitutional population <sup>1</sup> .....	186,530	186,949	187,461	187,852	188,288	188,722	189,093	189,466	189,889	190,297	190,671	190,996	191,593
Labor force <sup>1</sup> .....	123,604	124,160	124,939	125,374	125,704	126,136	126,328	126,481	126,418	126,525	126,572	126,984	126,856
Percent of population <sup>2</sup> .....	66.3	66.4	66.6	66.7	66.8	66.8	66.8	66.8	66.6	66.5	66.4	66.5	66.2
Total employed <sup>1</sup> .....	116,902	117,668	118,525	118,859	119,150	119,536	119,766	119,843	119,441	119,165	118,424	118,431	118,379
Employment-population ratio <sup>3</sup> .....	62.7	62.9	63.2	63.3	63.3	63.3	63.3	63.3	62.9	62.6	62.1	62.0	61.8
Resident Armed Forces .....	1,690	1,696	1,688	1,674	1,685	1,704	1,681	1,642	1,623	1,601	1,559	1,473	1,615
Civilian employed .....	115,212	115,972	116,837	117,185	117,465	117,832	118,085	118,201	117,818	117,564	116,865	116,958	116,764
Agriculture .....	3,118	3,221	3,235	3,118	3,247	3,182	3,154	3,235	3,151	3,204	3,161	3,245	3,270
Nonagricultural industries .....	112,094	112,750	113,602	114,067	114,218	114,650	114,931	114,966	114,667	114,360	113,704	113,713	113,494
Unemployed .....	6,702	6,493	6,414	6,515	6,554	6,600	6,562	6,638	6,976	7,360	8,149	8,553	8,477
Unemployment rate <sup>4</sup> .....	5.4	5.2	5.1	5.2	5.2	5.2	5.2	5.2	5.5	5.8	6.4	6.7	6.7
Not in labor force .....	62,926	62,789	62,522	62,478	62,583	62,586	62,764	62,985	63,471	63,772	64,099	64,012	64,736
<b>Men</b>													
Noninstitutional population <sup>1</sup> .....	89,509	89,715	89,973	90,166	90,385	90,606	90,823	91,014	91,226	91,425	91,609	91,737	92,103
Labor force <sup>1</sup> .....	68,648	68,656	69,039	69,301	69,392	69,640	69,641	69,679	69,629	69,920	69,700	69,784	69,911
Percent of population <sup>2</sup> .....	76.7	76.5	76.7	76.9	76.8	76.9	76.7	76.6	76.3	76.5	76.1	76.1	75.9
Total employed <sup>1</sup> .....	64,984	65,100	65,535	65,829	65,874	66,059	66,068	66,020	65,748	65,797	65,047	64,870	64,958
Employment-population ratio <sup>3</sup> .....	72.6	72.6	72.8	73.0	72.9	72.9	72.7	72.5	72.1	72.0	71.0	70.7	70.5
Resident Armed Forces .....	1,527	1,534	1,525	1,511	1,516	1,529	1,509	1,479	1,459	1,440	1,402	1,319	1,441
Civilian employed .....	63,457	63,566	64,010	64,318	64,358	64,530	64,559	64,541	64,289	64,357	63,645	63,550	63,518
Unemployed .....	3,664	3,555	3,504	3,472	3,518	3,581	3,573	3,658	3,882	4,123	4,653	4,914	4,953
Unemployment rate <sup>4</sup> .....	5.3	5.2	5.1	5.0	5.1	5.1	5.1	5.3	5.6	5.9	6.7	7.0	7.1
Not in labor force .....	20,861	21,059	20,934	20,865	20,993	20,966	21,182	21,336	21,597	21,505	21,909	21,953	22,191
<b>Women</b>													
Noninstitutional population <sup>1</sup> .....	97,022	97,234	97,488	97,686	97,903	98,116	98,270	98,452	98,663	98,872	99,062	99,259	99,490
Labor force <sup>1</sup> .....	54,956	55,505	55,900	56,073	56,312	56,496	56,687	56,802	56,787	56,604	56,872	57,200	56,945
Percent of population <sup>2</sup> .....	56.6	57.1	57.3	57.4	57.5	57.6	57.7	57.7	57.6	57.2	57.4	57.6	57.2
Total employed <sup>1</sup> .....	51,918	52,567	52,990	53,030	53,276	53,477	53,699	53,823	53,693	53,367	53,377	53,561	53,421
Employment-population ratio <sup>3</sup> .....	53.5	54.1	54.4	54.3	54.4	54.5	54.6	54.7	54.4	54.0	53.9	54.0	53.7
Resident Armed Forces .....	163	162	163	163	169	175	173	163	163	160	157	154	174
Civilian employed .....	51,755	52,405	52,826	52,867	53,107	53,302	53,526	53,660	53,530	53,207	53,220	53,408	53,247
Unemployed .....	3,038	2,937	2,910	3,043	3,037	3,019	2,989	2,979	3,095	3,237	3,495	3,639	3,524
Unemployment rate <sup>4</sup> .....	5.5	5.3	5.2	5.4	5.4	5.3	5.3	5.2	5.4	5.7	6.1	6.4	6.2
Not in labor force .....	42,065	41,729	41,589	41,613	41,591	41,619	41,583	41,650	41,875	42,267	42,190	42,059	42,545

<sup>1</sup> Includes members of the Armed Forces stationed in the United States.  
<sup>2</sup> Labor force as a percent of the noninstitutional population.  
<sup>3</sup> Total employment as a percent of the noninstitutional population.  
<sup>4</sup> Unemployment as a percent of the labor force (including the resident

Armed Forces).  
 NOTE: The population and Armed Forces figures are not adjusted for seasonal variation. Detail for the seasonally adjusted data shown in tables A-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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	184,840	185,253	185,773	186,178	186,602	187,018	187,411	187,824	188,266	188,696	189,112	189,523	189,978
Civilian labor force .....	121,914	122,464	123,251	123,700	124,019	124,432	124,647	124,839	124,795	124,924	125,013	125,511	125,242
Percent of population .....	66.0	66.1	66.3	66.4	66.5	66.5	66.5	66.5	66.3	66.2	66.1	66.2	65.9
Employed .....	115,212	115,972	116,837	117,185	117,465	117,832	118,085	118,201	117,818	117,564	116,865	116,958	116,764
Employment-population ratio <sup>2</sup> .....	62.3	62.6	62.9	62.9	62.9	63.0	63.0	62.9	62.6	62.3	61.8	61.7	61.5
Unemployed .....	6,702	6,493	6,414	6,515	6,554	6,600	6,562	6,638	6,976	7,360	8,149	8,553	8,477
Unemployment rate .....	5.5	5.3	5.2	5.3	5.3	5.3	5.3	5.3	5.6	5.9	6.5	6.8	6.8
<b>Men, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	87,982	88,181	88,448	88,655	88,869	89,077	89,314	89,536	89,767	89,985	90,207	90,418	90,662
Civilian labor force .....	67,121	67,122	67,514	67,790	67,876	68,111	68,132	68,200	68,170	68,480	68,298	68,465	68,471
Percent of population .....	76.3	76.1	76.3	76.5	76.4	76.5	76.3	76.2	75.9	76.1	75.7	75.7	75.5
Employed .....	63,457	63,566	64,010	64,318	64,358	64,530	64,559	64,541	64,289	64,357	63,645	63,550	63,518
Employment-population ratio <sup>2</sup> .....	72.1	72.1	72.4	72.5	72.4	72.4	72.3	72.1	71.6	71.5	70.6	70.3	70.1
Agriculture .....	2,482	2,508	2,496	2,465	2,557	2,500	2,487	2,523	2,489	2,531	2,481	2,580	2,587
Nonagricultural industries .....	60,975	61,058	61,514	61,853	61,801	62,030	62,072	62,019	61,800	61,826	61,164	60,970	60,931
Unemployed .....	3,664	3,555	3,504	3,472	3,518	3,581	3,573	3,658	3,882	4,123	4,653	4,914	4,953
Unemployment rate .....	5.5	5.3	5.2	5.1	5.2	5.3	5.2	5.4	5.7	6.0	6.8	7.2	7.2
Not in labor force .....	20,861	21,059	20,934	20,865	20,993	20,966	21,182	21,336	21,597	21,505	21,909	21,953	22,191
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	80,676	80,925	81,251	81,510	81,741	81,976	82,264	82,581	82,864	83,105	83,376	83,650	83,943
Civilian labor force .....	62,884	63,016	63,404	63,655	63,748	63,983	64,099	64,281	64,441	64,693	64,552	64,865	64,973
Percent of population .....	77.9	77.9	78.0	78.1	78.0	78.1	77.9	77.8	77.8	77.8	77.4	77.5	77.4
Employed .....	59,915	60,087	60,588	60,847	60,843	61,066	61,140	61,241	61,195	61,217	60,606	60,695	60,729
Employment-population ratio <sup>2</sup> .....	74.3	74.3	74.6	74.6	74.4	74.5	74.3	74.2	73.8	73.7	72.7	72.6	72.3
Agriculture .....	2,252	2,305	2,307	2,272	2,340	2,294	2,268	2,338	2,281	2,318	2,286	2,378	2,390
Nonagricultural industries .....	57,662	57,783	58,281	58,574	58,504	58,772	58,872	58,902	58,913	58,898	58,320	58,317	58,339
Unemployed .....	2,969	2,928	2,816	2,808	2,904	2,917	2,958	3,040	3,246	3,476	3,946	4,169	4,244
Unemployment rate .....	4.7	4.6	4.4	4.4	4.6	4.6	4.6	4.7	5.0	5.4	6.1	6.4	6.5
Not in labor force .....	17,792	17,909	17,847	17,855	17,993	17,993	18,165	18,300	18,423	18,412	18,824	18,785	18,970
<b>Women, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	96,859	97,072	97,325	97,523	97,734	97,940	98,097	98,289	98,499	98,711	98,905	99,106	99,316
Civilian labor force .....	54,794	55,343	55,736	55,910	56,143	56,321	56,514	56,639	56,824	56,944	57,115	57,047	56,771
Percent of population .....	56.6	57.0	57.3	57.3	57.4	57.5	57.6	57.6	57.5	57.2	57.3	57.6	57.2
Employed .....	51,755	52,405	52,826	52,867	53,107	53,302	53,526	53,660	53,530	53,207	53,220	53,408	53,247
Employment-population ratio <sup>2</sup> .....	53.4	54.0	54.3	54.2	54.3	54.4	54.6	54.6	54.3	53.9	53.8	53.9	53.6
Agriculture .....	636	713	738	653	690	681	667	712	662	673	681	665	683
Nonagricultural industries .....	51,119	51,692	52,088	52,214	52,417	52,621	52,859	52,948	52,867	52,534	52,540	52,743	52,564
Unemployed .....	3,038	2,937	2,910	3,043	3,037	3,019	2,989	2,979	3,095	3,237	3,495	3,639	3,524
Unemployment rate .....	5.5	5.3	5.2	5.4	5.4	5.4	5.3	5.3	5.5	5.7	6.2	6.4	6.2
Not in labor force .....	42,065	41,729	41,589	41,613	41,591	41,619	41,583	41,650	41,875	42,267	42,190	42,059	42,545
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	89,664	89,883	90,155	90,425	90,685	90,952	91,162	91,413	91,678	91,954	92,203	92,453	92,724
Civilian labor force .....	50,887	51,506	51,911	52,076	52,333	52,523	52,787	53,042	53,180	53,042	53,247	53,666	53,610
Percent of population .....	56.8	57.3	57.6	57.6	57.7	57.7	57.9	58.0	58.0	57.7	57.7	58.0	57.8
Employed .....	48,403	49,089	49,514	49,577	49,857	50,030	50,324	50,571	50,597	50,336	50,342	50,594	50,656
Employment-population ratio <sup>2</sup> .....	54.0	54.6	54.9	54.8	55.0	55.0	55.2	55.3	55.2	54.7	54.6	54.7	54.6
Agriculture .....	593	653	680	614	651	631	623	661	618	634	649	624	641
Nonagricultural industries .....	47,810	48,436	48,833	48,962	49,206	49,399	49,701	49,910	49,979	49,702	49,694	49,969	50,016
Unemployed .....	2,484	2,417	2,398	2,500	2,476	2,493	2,463	2,471	2,583	2,706	2,904	3,072	2,953
Unemployment rate .....	4.9	4.7	4.6	4.8	4.7	4.7	4.7	4.7	4.9	5.1	5.5	5.7	5.5
Not in labor force .....	38,777	38,377	38,244	38,349	38,352	38,429	38,375	38,371	38,498	38,912	38,956	38,787	39,114
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	14,500	14,445	14,367	14,243	14,177	14,090	13,985	13,830	13,724	13,637	13,532	13,420	13,312
Civilian labor force .....	8,144	7,943	7,935	7,969	7,938	7,926	7,761	7,516	7,174	7,189	7,214	6,980	6,659
Percent of population .....	56.2	55.0	55.2	56.0	56.0	56.3	55.5	54.3	52.3	52.7	53.3	52.0	50.0
Employed .....	6,895	6,795	6,735	6,761	6,765	6,736	6,620	6,390	6,027	6,012	5,917	5,669	5,379
Employment-population ratio <sup>2</sup> .....	47.5	47.0	46.9	47.5	47.7	47.8	47.3	46.2	43.9	44.1	43.7	42.2	40.4
Agriculture .....	273	263	248	231	257	256	262	236	252	252	226	243	240
Nonagricultural industries .....	6,622	6,532	6,488	6,530	6,508	6,480	6,358	6,154	5,775	5,760	5,691	5,426	5,140
Unemployed .....	1,249	1,148	1,200	1,208	1,174	1,190	1,141	1,126	1,147	1,178	1,298	1,312	1,279
Unemployment rate .....	15.3	14.4	15.1	15.2	14.8	15.0	14.7	15.0	16.0	16.4	18.0	18.8	19.2
Not in labor force .....	6,356	6,502	6,432	6,274	6,239	6,164	6,224	6,314	6,550	6,448	6,318	6,440	6,653

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

population.

<sup>2</sup> 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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	158,347	158,611	158,944	159,198	159,473	159,738	160,007	160,269	160,553	160,830	161,095	161,357	161,646
Civilian labor force .....	104,916	105,386	105,929	106,225	106,385	106,841	107,048	107,166	107,251	107,281	107,294	107,638	107,363
Percent of population .....	66.3	66.4	66.6	66.7	66.7	66.9	66.9	66.9	66.8	66.7	66.6	66.7	66.4
Employed .....	99,917	100,555	101,263	101,483	101,566	102,007	102,155	102,238	102,126	101,836	101,039	101,149	100,827
Employment-population ratio <sup>2</sup> .....	63.1	63.4	63.7	63.7	63.7	63.9	63.8	63.8	63.6	63.3	62.7	62.7	62.4
Unemployed .....	4,999	4,831	4,666	4,742	4,819	4,835	4,893	4,928	5,125	5,445	6,255	6,490	6,536
Unemployment rate .....	4.8	4.6	4.4	4.5	4.5	4.5	4.6	4.6	4.8	5.1	5.8	6.0	6.1
<b>Men, 20 years and over</b>													
Civilian labor force .....	54,843	54,947	55,244	55,374	55,445	55,706	55,821	55,859	56,023	56,201	55,996	56,262	56,376
Percent of population .....	78.4	78.3	78.5	78.5	78.4	78.5	78.4	78.2	78.3	78.3	77.8	77.9	77.9
Employed .....	52,558	52,692	53,136	53,298	53,250	53,514	53,569	53,566	53,614	53,559	52,880	53,055	52,989
Employment-population ratio <sup>2</sup> .....	75.1	75.1	75.5	75.5	75.3	75.4	75.3	75.0	74.9	74.6	73.4	73.5	73.2
Unemployed .....	2,284	2,254	2,108	2,076	2,195	2,191	2,252	2,293	2,409	2,643	3,116	3,207	3,387
Unemployment rate .....	4.2	4.1	3.8	3.7	4.0	3.9	4.0	4.1	4.3	4.7	5.6	5.7	6.0
<b>Women, 20 years and over</b>													
Civilian labor force .....	43,074	43,566	43,854	44,015	44,158	44,379	44,584	44,859	45,028	44,875	45,095	45,373	45,248
Percent of population .....	56.3	56.8	57.0	57.1	57.2	57.3	57.5	57.7	57.8	57.5	57.6	57.8	57.6
Employed .....	41,289	41,843	42,169	42,221	42,380	42,597	42,801	43,066	43,175	42,934	42,917	43,105	43,057
Employment-population ratio <sup>2</sup> .....	53.9	54.5	54.8	54.8	54.9	55.0	55.2	55.4	55.4	55.0	54.8	54.9	54.8
Unemployed .....	1,785	1,723	1,685	1,795	1,779	1,782	1,782	1,793	1,853	1,941	2,177	2,268	2,192
Unemployment rate .....	4.1	4.0	3.8	4.1	4.0	4.0	4.0	4.0	4.1	4.3	4.8	5.0	4.8
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	7,000	6,873	6,830	6,836	6,781	6,756	6,643	6,448	6,201	6,205	6,204	6,003	5,739
Percent of population .....	59.2	58.5	58.6	59.0	59.0	59.3	59.0	57.9	56.2	56.7	57.3	56.0	53.9
Employed .....	6,070	6,020	5,958	5,965	5,936	5,895	5,785	5,606	5,337	5,344	5,241	4,989	4,782
Employment-population ratio <sup>2</sup> .....	51.3	51.2	51.1	51.5	51.6	51.8	51.4	50.3	48.4	48.9	48.4	46.5	44.9
Unemployed .....	930	854	872	871	845	861	859	842	864	861	962	1,014	957
Unemployment rate .....	13.3	12.4	12.8	12.7	12.5	12.7	12.9	13.1	13.9	13.9	15.5	16.9	16.7
Men .....	14.3	13.2	14.5	13.7	12.9	13.8	13.2	13.8	15.1	14.8	16.6	18.7	17.8
Women .....	12.2	11.6	10.9	11.7	12.0	11.6	12.6	12.3	12.7	12.8	14.3	15.0	15.5
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	20,737	20,813	20,904	20,985	21,061	21,136	21,187	21,259	21,339	21,416	21,493	21,568	21,656
Civilian labor force .....	13,260	13,338	13,437	13,445	13,533	13,522	13,507	13,531	13,428	13,510	13,511	13,585	13,569
Percent of population .....	63.9	64.1	64.3	64.1	64.3	64.0	63.8	63.6	62.9	63.1	62.9	63.0	62.7
Employed .....	11,761	11,861	11,884	11,899	12,018	11,960	12,033	12,090	11,864	11,882	11,880	11,837	11,933
Employment-population ratio <sup>2</sup> .....	56.7	57.0	56.8	56.7	57.1	56.6	56.8	56.9	55.6	55.5	55.3	54.9	55.1
Unemployed .....	1,499	1,477	1,553	1,546	1,516	1,562	1,474	1,441	1,564	1,628	1,631	1,748	1,636
Unemployment rate .....	11.3	11.1	11.6	11.5	11.2	11.5	10.9	10.6	11.6	12.0	12.1	12.9	12.1
<b>Men, 20 years and over</b>													
Civilian labor force .....	6,113	6,153	6,211	6,202	6,217	6,227	6,204	6,259	6,292	6,349	6,358	6,360	6,363
Percent of population .....	74.2	74.4	74.7	74.3	74.2	74.0	73.5	73.8	73.8	74.2	73.8	73.6	73.1
Employed .....	5,532	5,565	5,583	5,586	5,613	5,590	5,579	5,656	5,603	5,646	5,641	5,569	5,644
Employment-population ratio <sup>2</sup> .....	67.2	67.3	67.2	66.9	67.0	66.4	66.1	66.7	65.7	66.0	65.5	64.4	64.9
Unemployed .....	581	588	628	615	603	637	625	603	689	703	717	791	719
Unemployment rate .....	9.5	9.6	10.1	9.9	9.7	10.2	10.1	9.6	11.0	11.1	11.3	12.4	11.3
<b>Women, 20 years and over</b>													
Civilian labor force .....	6,219	6,289	6,327	6,321	6,377	6,354	6,415	6,432	6,352	6,350	6,350	6,473	6,493
Percent of population .....	60.3	60.7	60.7	60.4	60.7	60.2	60.6	60.5	59.5	59.2	59.0	59.8	59.8
Employed .....	5,596	5,671	5,699	5,702	5,761	5,724	5,818	5,843	5,729	5,704	5,729	5,778	5,842
Employment-population ratio <sup>2</sup> .....	54.2	54.7	54.7	54.5	54.8	54.3	55.0	55.0	53.7	53.2	53.2	53.4	53.8
Unemployed .....	623	618	628	620	616	630	597	590	623	645	621	695	651
Unemployment rate .....	10.0	9.8	9.9	9.8	9.7	9.9	9.3	9.2	9.8	10.2	9.8	10.7	10.0

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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>BLACK—Continued</b>													
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	927	895	899	922	939	941	888	839	784	811	803	753	713
Percent of population .....	42.5	41.1	41.3	42.4	43.0	43.3	40.9	39.0	36.6	37.9	38.0	35.6	34.1
Employed .....	633	625	601	611	643	647	636	591	532	532	510	491	447
Employment-population ratio <sup>2</sup> .....	29.0	28.7	27.6	28.1	29.5	29.8	29.3	27.5	24.8	24.9	24.1	23.2	21.4
Unemployed .....	295	270	298	311	296	294	252	248	252	279	293	262	266
Unemployment rate .....	31.8	30.2	33.1	33.7	31.5	31.3	28.4	29.6	32.2	34.4	36.5	34.8	37.3
Men .....	32.1	31.7	32.6	34.7	28.8	31.1	29.6	31.8	33.7	33.6	36.2	37.5	37.0
Women .....	31.4	28.4	33.7	32.6	34.5	31.4	27.1	27.2	30.5	35.3	36.7	31.7	37.7
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> .....	13,382	13,495	13,606	13,731	13,853	13,977	14,119	14,238	14,356	14,474	14,593	14,711	14,829
Civilian labor force .....	8,995	9,140	9,229	9,289	9,347	9,436	9,498	9,615	9,645	9,550	9,650	9,723	9,814
Percent of population .....	67.2	67.7	67.8	67.6	67.5	67.5	67.3	67.5	67.2	66.0	66.1	66.1	66.2
Employed .....	8,288	8,437	8,541	8,541	8,546	8,682	8,769	8,882	8,863	8,717	8,714	8,799	8,815
Employment-population ratio <sup>2</sup> .....	61.9	62.5	62.8	62.2	61.7	62.1	62.1	62.4	61.7	60.2	59.7	59.8	59.4
Unemployed .....	707	704	688	748	801	753	729	733	782	832	936	925	999
Unemployment rate .....	7.9	7.7	7.5	8.1	8.6	8.0	7.7	7.6	8.1	8.7	9.7	9.5	10.2

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

<sup>2</sup> Civilian employment as a percent of the civilian noninstitutional population.

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

**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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>EMPLOYED</b>													
Full-time workers .....	95,364	95,945	96,711	97,030	97,546	98,048	98,196	98,263	97,918	97,653	96,781	96,648	96,481
Men, 16 years and over .....	56,938	57,059	57,528	57,788	58,048	58,114	58,117	58,061	57,873	57,880	57,150	57,003	56,734
Men, 20 years and over .....	55,445	55,586	56,115	56,297	56,462	56,641	56,703	56,662	56,607	56,589	55,929	55,894	55,817
Women, 16 years and over .....	38,477	38,873	39,121	39,272	39,586	39,913	40,010	40,227	39,991	39,823	39,704	39,672	39,530
Women, 20 years and over .....	37,349	37,788	38,073	38,195	38,525	38,818	38,986	39,188	39,065	38,912	38,873	38,807	38,835
Both sexes, 16 to 19 years .....	2,570	2,571	2,522	2,538	2,559	2,589	2,507	2,413	2,246	2,151	1,979	1,948	1,829
Part-time workers .....	19,816	20,061	20,151	20,092	19,859	19,838	19,925	19,896	19,965	19,896	19,961	20,293	20,515
Men, 16 years and over .....	6,557	6,503	6,481	6,500	6,362	6,406	6,434	6,459	6,453	6,467	6,471	6,544	6,786
Men, 20 years and over .....	4,486	4,486	4,500	4,517	4,380	4,419	4,478	4,550	4,592	4,618	4,666	4,805	4,944
Women, 16 years and over .....	13,290	13,552	13,649	13,589	13,547	13,414	13,470	13,431	13,564	13,407	13,477	13,732	13,760
Women, 20 years and over .....	11,034	11,324	11,420	11,385	11,314	11,239	11,331	11,385	11,508	11,450	11,472	11,789	11,794
Both sexes, 16 to 19 years .....	4,296	4,251	4,231	4,189	4,165	4,180	4,116	3,961	3,865	3,827	3,824	3,699	3,776
<b>UNEMPLOYED</b>													
Looking for full-time work .....	5,347	5,202	5,139	5,179	5,249	5,247	5,276	5,285	5,583	6,056	6,751	6,967	6,967
Men, 16 years and over .....	3,144	3,060	2,912	2,941	3,036	3,057	3,055	3,120	3,293	3,582	4,199	4,238	4,207
Men, 20 years and over .....	2,760	2,717	2,621	2,585	2,689	2,685	2,762	2,790	2,962	3,260	3,753	3,894	3,915
Women, 16 years and over .....	2,227	2,171	2,140	2,262	2,243	2,215	2,163	2,184	2,292	2,466	2,644	2,710	2,687
Women, 20 years and over .....	1,982	1,923	1,918	1,989	1,985	1,957	1,945	1,951	2,064	2,220	2,368	2,465	2,408
Both sexes, 16 to 19 years .....	605	563	600	605	575	605	570	543	557	575	629	608	644
Looking for part-time work .....	1,344	1,286	1,298	1,323	1,288	1,347	1,312	1,333	1,381	1,310	1,446	1,551	1,488
Men, 16 years and over .....	541	512	534	536	502	539	494	531	571	543	591	624	613
Men, 20 years and over .....	191	214	216	213	193	232	221	235	262	224	233	249	297
Women, 16 years and over .....	802	779	766	784	788	807	822	798	806	764	852	910	877
Women, 20 years and over .....	502	492	486	505	490	533	527	514	522	484	551	597	554
Both sexes, 16 to 19 years .....	652	581	595	605	605	582	564	584	596	603	662	705	637

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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>CHARACTERISTIC</b>													
Total .....	115,212	115,972	116,837	117,185	117,465	117,832	118,085	118,201	117,818	117,564	116,865	116,958	116,764
Married men, spouse present .....	40,569	40,520	40,870	40,961	40,843	40,887	41,067	40,750	40,698	40,802	40,365	40,373	40,491
Married women, spouse present .....	28,807	29,057	29,475	29,536	29,416	29,707	29,739	29,852	29,843	29,759	29,598	29,749	29,917
Women who maintain families .....	6,226	6,368	6,361	6,334	6,405	6,353	6,311	6,390	6,375	6,354	6,413	6,414	6,510
<b>OCCUPATION</b>													
Managerial and professional specialty .....	29,418	29,594	30,055	30,399	30,395	30,730	30,632	30,514	30,748	30,741	30,852	30,913	30,926
Technical, sales, and administrative support .....	35,652	35,729	35,641	36,159	36,214	36,434	37,002	37,008	36,350	36,356	36,242	36,344	35,954
Service occupations .....	15,332	15,569	15,594	15,440	15,759	15,449	15,490	15,774	15,884	15,882	15,823	15,939	16,050
Precision production, craft, and repair .....	13,593	13,666	13,870	13,732	13,723	13,915	13,753	13,688	13,629	13,500	13,315	13,195	13,068
Operators, fabricators, and laborers .....	17,901	17,976	18,171	18,092	17,922	17,967	17,759	17,776	17,788	17,768	17,092	17,104	17,271
Farming, forestry, and fishing .....	3,369	3,502	3,449	3,331	3,488	3,397	3,372	3,421	3,427	3,391	3,441	3,472	3,486
<b>INDUSTRY AND CLASS OF WORKER</b>													
Agriculture:													
Wage and salary workers .....	1,579	1,654	1,671	1,608	1,696	1,665	1,632	1,675	1,707	1,689	1,596	1,704	1,709
Self-employed workers .....	1,396	1,412	1,407	1,384	1,428	1,389	1,399	1,457	1,346	1,403	1,419	1,434	1,469
Unpaid family workers .....	147	151	156	128	132	119	115	108	102	106	153	109	113
Nonagricultural industries:													
Wage and salary workers .....	103,289	103,903	104,725	105,199	105,329	105,763	105,963	105,989	105,699	105,249	104,574	104,552	104,429
Government .....	17,084	17,311	17,376	17,267	17,547	17,681	17,683	17,894	17,727	17,656	17,767	17,956	17,944
Private industries .....	86,205	86,592	87,349	87,933	87,782	88,082	88,280	88,095	87,972	87,593	86,807	86,596	86,485
Private households .....	1,124	1,192	1,160	1,134	1,095	1,031	1,024	996	1,030	1,007	967	961	1,061
Other industries .....	85,081	85,399	86,189	86,799	86,687	87,052	87,256	87,099	86,942	86,586	85,840	85,635	85,424
Self-employed workers .....	8,556	8,557	8,605	8,591	8,616	8,606	8,720	8,745	8,727	8,852	8,847	8,969	8,885
Unpaid family workers .....	243	274	300	274	267	268	275	246	244	248	232	226	212
<b>PERSONS AT WORK PART TIME<sup>1</sup></b>													
All industries:													
Part time for economic reasons .....	5,246	5,117	4,972	4,972	4,854	4,778	4,909	4,911	5,131	5,476	5,911	5,933	6,049
Slack work .....	2,355	2,337	2,286	2,328	2,321	2,300	2,369	2,450	2,573	2,792	3,154	3,222	3,194
Could only find part-time work .....	2,498	2,397	2,337	2,327	2,173	2,107	2,175	2,147	2,227	2,329	2,369	2,448	2,618
Voluntary part time .....	15,030	15,364	15,351	15,422	15,507	15,354	15,266	15,334	15,277	15,086	14,874	15,167	15,098
Nonagricultural industries:													
Part time for economic reasons .....	5,017	4,855	4,715	4,771	4,608	4,535	4,679	4,705	4,887	5,187	5,623	5,694	5,793
Slack work .....	2,200	2,181	2,108	2,184	2,165	2,140	2,214	2,283	2,390	2,611	2,956	3,039	3,003
Could only find part-time work .....	2,451	2,311	2,265	2,262	2,102	2,048	2,111	2,091	2,173	2,254	2,295	2,365	2,535
Voluntary part time .....	14,604	14,905	14,920	14,990	15,059	14,929	14,817	14,837	14,846	14,674	14,481	14,729	14,636

<sup>1</sup> Excludes persons "with a job but not at work" during the survey

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

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

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

(In thousands)

Sex and age	1988		1989				1990				1991		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>Total, 16 years and over</b> .....	115,212	115,972	116,837	117,185	117,465	117,832	118,085	118,201	117,818	117,564	116,865	116,958	116,764
16 to 24 years .....	20,118	19,924	19,838	19,819	19,735	19,432	19,306	19,053	18,618	18,556	18,301	17,867	17,542
16 to 19 years .....	6,895	6,795	6,735	6,761	6,765	6,736	6,620	6,390	6,027	6,012	5,917	5,669	5,379
16 to 17 years .....	2,705	2,690	2,590	2,592	2,558	2,583	2,506	2,379	2,206	2,220	2,251	2,134	2,019
18 to 19 years .....	4,181	4,108	4,151	4,161	4,214	4,150	4,115	4,002	3,824	3,790	3,677	3,524	3,377
20 to 24 years .....	13,224	13,129	13,103	13,058	12,970	12,696	12,686	12,663	12,591	12,544	12,384	12,198	12,163
25 years and over .....	95,135	96,020	97,001	97,343	97,779	98,370	98,763	99,126	99,260	98,981	98,533	99,078	99,258
25 to 54 years .....	80,576	81,257	82,093	82,425	82,992	83,555	83,872	84,209	84,329	84,157	83,801	84,359	84,590
55 years and over .....	14,581	14,783	14,874	14,899	14,813	14,843	14,861	14,905	14,949	14,855	14,678	14,706	14,673
<b>Men, 16 years and over</b> .....	63,457	63,566	64,010	64,318	64,358	64,530	64,559	64,541	64,289	64,357	63,645	63,550	63,518
16 to 24 years .....	10,471	10,349	10,330	10,315	10,243	10,157	10,065	9,947	9,717	9,722	9,490	9,249	9,208
16 to 19 years .....	3,542	3,479	3,423	3,471	3,515	3,464	3,419	3,301	3,094	3,141	3,038	2,855	2,789
16 to 17 years .....	1,411	1,386	1,308	1,322	1,328	1,324	1,298	1,224	1,132	1,171	1,171	1,090	1,042
18 to 19 years .....	2,126	2,101	2,129	2,138	2,193	2,142	2,125	2,063	1,962	1,970	1,879	1,751	1,755
20 to 24 years .....	6,929	6,870	6,908	6,844	6,728	6,693	6,646	6,646	6,623	6,581	6,451	6,395	6,420
25 years and over .....	53,007	53,205	53,692	53,987	54,139	54,359	54,492	54,581	54,594	54,623	54,129	54,308	54,322
25 to 54 years .....	44,512	44,727	45,132	45,381	45,673	45,908	46,003	46,078	46,130	46,130	45,774	45,912	46,058
55 years and over .....	8,505	8,494	8,556	8,580	8,480	8,470	8,484	8,479	8,534	8,514	8,332	8,371	8,260
<b>Women, 16 years and over</b> .....	51,755	52,405	52,826	52,867	53,107	53,302	53,526	53,660	53,530	53,207	53,220	53,408	53,247
16 to 24 years .....	9,647	9,575	9,508	9,504	9,492	9,276	9,241	9,106	8,901	8,834	8,811	8,618	8,334
16 to 19 years .....	3,352	3,316	3,313	3,290	3,250	3,272	3,201	3,089	2,933	2,871	2,878	2,814	2,591
16 to 17 years .....	1,294	1,303	1,282	1,271	1,230	1,259	1,209	1,155	1,075	1,049	1,080	1,044	977
18 to 19 years .....	2,054	2,006	2,022	2,024	2,021	2,008	1,990	1,939	1,862	1,820	1,797	1,773	1,622
20 to 24 years .....	6,295	6,259	6,195	6,214	6,242	6,004	6,040	6,016	5,968	5,963	5,933	5,804	5,743
25 years and over .....	42,128	42,815	43,309	43,356	43,640	44,011	44,271	44,548	44,666	44,358	44,403	44,771	44,936
25 to 54 years .....	36,064	36,530	36,961	37,044	37,320	37,647	37,869	38,131	38,257	38,026	38,027	38,447	38,532
55 years and over .....	6,076	6,290	6,318	6,319	6,333	6,374	6,377	6,426	6,416	6,340	6,346	6,335	6,413

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

(In thousands)

Sex and age	1988		1989				1990				1991		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>Total, 16 years and over</b> .....	6,702	6,493	6,414	6,515	6,554	6,600	6,562	6,638	6,976	7,360	8,149	8,553	8,477
16 to 24 years .....	2,462	2,373	2,410	2,408	2,407	2,413	2,315	2,339	2,372	2,451	2,690	2,789	2,769
16 to 19 years .....	1,249	1,148	1,200	1,208	1,174	1,190	1,141	1,126	1,147	1,178	1,298	1,312	1,279
16 to 17 years .....	608	525	542	516	538	539	496	517	494	513	532	554	574
18 to 19 years .....	641	616	651	703	638	647	637	619	655	661	757	769	706
20 to 24 years .....	1,213	1,225	1,210	1,201	1,233	1,223	1,175	1,213	1,225	1,274	1,392	1,478	1,490
25 years and over .....	4,224	4,115	4,024	4,103	4,123	4,180	4,272	4,298	4,577	4,900	5,491	5,762	5,676
25 to 54 years .....	3,755	3,685	3,585	3,625	3,643	3,701	3,763	3,829	4,054	4,391	4,921	5,139	5,078
55 years and over .....	455	433	442	479	472	484	513	474	512	517	576	634	817
<b>Men, 16 years and over</b> .....	3,664	3,555	3,504	3,472	3,518	3,581	3,573	3,658	3,882	4,123	4,653	4,914	4,953
16 to 24 years .....	1,345	1,278	1,322	1,295	1,309	1,339	1,261	1,293	1,284	1,341	1,540	1,590	1,593
16 to 19 years .....	695	627	688	664	613	664	615	618	636	646	707	745	709
16 to 17 years .....	329	296	304	300	296	305	256	274	272	279	310	294	308
18 to 19 years .....	366	328	381	368	319	359	355	346	366	367	392	454	397
20 to 24 years .....	650	651	635	631	696	675	646	675	649	695	833	845	884
25 years and over .....	2,304	2,271	2,201	2,171	2,185	2,238	2,338	2,361	2,570	2,777	3,147	3,317	3,321
25 to 54 years .....	2,017	2,008	1,928	1,893	1,892	1,952	2,025	2,066	2,236	2,457	2,778	2,914	2,938
55 years and over .....	278	271	269	277	292	295	308	297	330	332	362	404	402
<b>Women, 16 years and over</b> .....	3,038	2,937	2,910	3,043	3,037	3,019	2,989	2,979	3,095	3,237	3,495	3,639	3,524
16 to 24 years .....	1,118	1,095	1,088	1,113	1,098	1,075	1,054	1,047	1,088	1,110	1,150	1,200	1,176
16 to 19 years .....	554	521	512	544	560	526	526	508	512	531	591	567	571
16 to 17 years .....	279	229	238	217	242	235	240	243	222	234	223	260	266
18 to 19 years .....	276	287	270	335	319	288	282	273	289	294	365	315	308
20 to 24 years .....	563	574	576	570	537	548	528	538	576	579	559	633	605
25 years and over .....	1,820	1,844	1,823	1,932	1,938	1,942	1,934	1,937	2,007	2,123	2,344	2,445	2,355
25 to 54 years .....	1,738	1,677	1,657	1,733	1,752	1,749	1,738	1,763	1,817	1,933	2,143	2,225	2,140
55 years and over .....	177	162	173	203	180	189	205	177	182	185	215	230	215

**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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over .....	5.5	5.3	5.2	5.3	5.3	5.3	5.3	5.3	5.6	5.9	6.5	6.8	6.8
16 to 24 years .....	10.9	10.6	10.8	10.8	10.9	11.0	10.7	10.9	11.3	11.7	12.8	13.5	13.6
16 to 19 years .....	15.3	14.4	15.1	15.2	14.8	15.0	14.7	15.0	16.0	16.4	18.0	18.8	19.2
16 to 17 years .....	18.4	16.3	17.3	16.6	17.4	17.3	16.5	17.9	18.3	18.8	19.1	20.6	22.1
18 to 19 years .....	13.3	13.0	13.6	14.5	13.1	13.5	13.4	13.4	14.6	14.9	17.1	17.9	17.3
20 to 24 years .....	8.4	8.5	8.5	8.4	8.7	8.8	8.5	8.7	8.9	9.2	10.1	10.8	10.9
25 years and over .....	4.3	4.1	4.0	4.0	4.0	4.1	4.1	4.2	4.4	4.7	5.3	5.5	5.4
25 to 54 years .....	4.5	4.3	4.2	4.2	4.2	4.2	4.3	4.3	4.6	5.0	5.5	5.7	5.7
55 years and over .....	3.0	2.8	2.9	3.1	3.1	3.2	3.3	3.1	3.3	3.4	3.8	4.1	4.0
Men, 16 years and over .....	5.5	5.3	5.2	5.1	5.2	5.3	5.2	5.4	5.7	6.0	6.8	7.2	7.2
16 to 24 years .....	11.4	11.0	11.3	11.2	11.3	11.6	11.1	11.5	11.7	12.1	14.0	14.7	14.7
16 to 19 years .....	16.4	15.3	16.7	16.1	14.9	16.1	15.2	15.8	17.0	17.1	18.9	20.7	20.3
16 to 17 years .....	18.9	17.6	18.9	18.5	18.2	18.7	16.5	18.3	19.4	19.3	20.9	21.2	22.8
18 to 19 years .....	14.7	13.5	15.2	14.7	12.7	14.3	14.3	14.4	15.7	15.7	17.3	20.6	18.5
20 to 24 years .....	8.6	8.7	8.4	8.4	9.4	9.2	8.9	9.2	8.9	9.5	11.4	11.7	12.1
25 years and over .....	4.2	4.1	3.9	3.9	3.9	4.0	4.1	4.1	4.5	4.8	5.5	5.8	5.8
25 to 54 years .....	4.3	4.3	4.1	4.0	4.0	4.1	4.2	4.3	4.6	5.1	5.7	6.0	6.0
55 years and over .....	3.2	3.1	3.0	3.1	3.3	3.4	3.5	3.4	3.7	3.7	4.2	4.6	4.6
Women, 16 years and over .....	5.5	5.3	5.2	5.4	5.4	5.4	5.3	5.3	5.5	5.7	6.2	6.4	6.2
16 to 24 years .....	10.4	10.3	10.3	10.5	10.4	10.4	10.2	10.3	10.9	11.2	11.5	12.2	12.4
16 to 19 years .....	14.2	13.6	13.4	14.2	14.7	13.9	14.1	14.1	14.9	15.6	17.0	16.8	18.1
16 to 17 years .....	17.7	15.0	15.7	14.6	16.4	15.7	16.6	17.4	17.1	18.2	17.1	19.9	21.4
18 to 19 years .....	11.8	12.5	11.8	14.2	13.6	12.5	12.4	12.3	13.4	13.9	16.9	15.1	16.0
20 to 24 years .....	8.2	8.4	8.5	8.4	7.9	8.4	8.0	8.2	8.8	8.9	8.6	9.8	9.5
25 years and over .....	4.4	4.1	4.0	4.3	4.3	4.2	4.2	4.2	4.3	4.6	5.0	5.2	5.0
25 to 54 years .....	4.6	4.4	4.3	4.5	4.5	4.4	4.4	4.4	4.5	4.8	5.3	5.5	5.3
55 years and over .....	2.8	2.5	2.7	3.1	2.8	2.9	3.1	2.7	2.8	2.8	3.3	3.5	3.2

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-50. Selected unemployment indicators, seasonally adjusted**

(Unemployment rates)

Category	1988		1989				1990				1991		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>CHARACTERISTIC</b>													
Total (all civilian workers) .....	5.5	5.3	5.2	5.3	5.3	5.3	5.3	5.3	5.6	5.9	6.5	6.8	6.8
Men, 20 years and over .....	4.7	4.6	4.4	4.4	4.6	4.6	4.6	4.7	5.0	5.4	6.1	6.4	6.5
Women, 20 years and over .....	4.9	4.7	4.6	4.8	4.7	4.7	4.7	4.7	4.9	5.1	5.5	5.7	5.5
Both sexes, 16 to 19 years .....	15.3	14.4	15.1	15.2	14.8	15.0	14.7	15.0	16.0	16.4	18.0	18.8	19.2
White .....	4.8	4.6	4.4	4.5	4.5	4.5	4.6	4.6	4.8	5.1	5.8	6.0	6.1
Black and other .....	10.0	9.8	10.2	10.0	9.8	10.1	9.6	9.5	10.5	10.9	10.8	11.3	10.9
Black .....	11.3	11.1	11.6	11.5	11.2	11.5	10.9	10.6	11.6	12.0	12.1	12.9	12.1
Hispanic origin .....	7.9	7.7	7.5	8.1	8.6	8.0	7.7	7.6	8.1	8.7	9.7	9.5	10.2
Married men, spouse present .....	3.2	3.2	3.0	3.0	3.1	3.1	3.2	3.2	3.4	3.7	4.3	4.5	4.4
Married women, spouse present .....	3.9	3.7	3.5	3.9	3.8	3.8	3.7	3.6	3.8	4.0	4.4	4.6	4.4
Women who maintain families .....	7.9	7.9	8.0	8.1	7.9	7.9	7.9	7.8	8.5	8.6	9.0	9.4	8.9
Full-time workers .....	5.1	5.0	4.9	4.9	5.0	4.9	5.0	5.0	5.2	5.7	6.3	6.5	6.5
Part-time workers .....	7.6	7.2	7.2	7.3	7.1	7.4	7.3	7.4	7.6	7.4	8.1	8.6	8.3
Unemployed 15 weeks and over <sup>1</sup> .....	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.3	1.6	1.9	1.9
Labor force time lost <sup>2</sup> .....	6.4	6.1	6.0	6.0	6.0	5.9	5.9	6.0	6.3	6.7	7.4	7.6	7.6
<b>OCCUPATION<sup>3</sup></b>													
Managerial and professional specialty .....	2.0	1.9	2.0	2.0	1.9	2.0	1.9	2.1	2.2	2.2	2.6	2.8	2.9
Technical, sales, and administrative support .....	4.1	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.2	4.6	4.9	5.2	5.0
Precision production, craft, and repair .....	5.0	5.5	5.3	5.3	5.1	5.2	5.2	5.3	6.2	6.8	7.5	7.9	8.3
Operators, fabricators, and laborers .....	8.3	7.9	7.7	7.8	8.5	8.1	8.5	8.4	8.2	9.3	10.9	10.9	10.1
Farming, forestry, and fishing .....	7.5	6.5	6.4	6.6	5.7	6.8	6.1	6.1	6.4	6.2	8.2	7.1	7.6
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers .....	5.5	5.4	5.3	5.3	5.4	5.4	5.5	5.5	5.7	6.1	6.8	7.2	7.0
Goods-producing industries .....	6.5	6.3	6.1	6.1	6.4	6.3	6.5	6.6	6.9	7.8	8.8	9.3	8.9
Mining .....	7.1	8.2	6.7	5.0	6.9	5.1	5.6	4.1	4.3	4.9	6.9	7.4	9.1
Construction .....	10.2	10.2	10.1	9.7	10.4	9.4	9.5	10.5	11.2	13.4	14.7	15.1	15.8
Manufacturing .....	5.4	5.1	4.9	5.1	5.2	5.4	5.6	5.5	5.7	6.3	7.1	7.7	6.9
Durable goods .....	5.2	4.9	4.6	4.7	4.9	5.3	5.5	5.4	5.8	6.5	7.7	8.1	7.1
Nondurable goods .....	5.9	5.5	5.3	5.6	5.6	5.6	5.9	5.6	5.6	6.0	6.4	7.1	6.8
Service-producing industries .....	5.0	5.0	4.9	5.0	5.0	4.9	5.0	5.0	5.2	5.4	6.0	6.2	6.2
Transportation and public utilities .....	3.7	3.8	3.9	4.1	4.1	3.6	3.8	3.6	3.9	4.1	5.1	5.4	4.9
Wholesale and retail trade .....	6.2	6.0	5.9	5.8	6.0	6.2	6.2	6.3	6.3	6.7	7.4	7.5	7.8
Finance and service industries .....	4.4	4.4	4.4	4.5	4.4	4.3	4.4	4.5	4.6	4.7	5.2	5.5	5.3
Government workers .....	2.8	2.5	2.8	2.9	2.7	2.6	2.4	2.5	2.8	2.8	3.3	3.1	3.2
Agricultural wage and salary workers .....	11.1	9.6	9.2	9.9	8.5	10.7	9.6	9.5	9.6	10.2	12.4	11.1	11.4

<sup>1</sup> Unemployment as a percent of the civilian labor force.

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

<sup>3</sup> 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.



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

(Numbers in thousands)

Weeks of unemployment	1988		1989				1990				1991		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>DURATION</b>													
Less than 5 weeks .....	3,103	3,040	3,141	3,179	3,151	3,205	3,157	3,121	3,168	3,232	3,466	3,456	3,358
5 to 14 weeks .....	1,978	1,938	1,918	1,996	2,007	1,992	2,051	2,142	2,232	2,414	2,710	2,775	2,719
15 weeks and over .....	1,601	1,483	1,379	1,363	1,368	1,370	1,380	1,419	1,560	1,686	1,996	2,345	2,369
15 to 26 weeks .....	796	754	701	706	772	732	741	765	830	924	1,090	1,281	1,220
27 weeks and over .....	805	729	679	657	596	638	639	654	730	762	905	1,064	1,148
Average (mean) duration, in weeks .....	13.5	12.9	12.4	11.9	11.6	11.6	11.8	11.9	12.3	12.3	12.7	13.6	14.0
Median duration, in weeks .....	5.9	5.7	5.5	5.4	5.2	4.9	5.1	5.2	5.5	5.9	6.2	6.8	7.1
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks .....	46.4	47.1	48.8	48.6	48.3	48.8	47.9	46.7	45.5	44.1	42.4	40.3	39.8
5 to 14 weeks .....	29.6	30.0	29.8	30.5	30.8	30.3	31.1	32.1	32.1	32.9	33.2	32.4	32.2
15 weeks and over .....	24.0	23.0	21.4	20.9	21.0	20.9	20.9	21.2	22.4	23.0	24.4	27.3	28.0
15 to 26 weeks .....	11.9	11.7	10.9	10.8	11.8	11.1	11.2	11.4	11.9	12.6	13.3	14.9	14.4
27 weeks and over .....	12.1	11.3	10.5	10.0	9.1	9.7	9.7	9.8	10.5	10.4	11.1	12.4	13.6

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

(Numbers in thousands)

Reasons for unemployment	1988		1989				1990				1991		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	3,106	2,988	2,929	2,860	2,958	3,039	3,095	3,174	3,351	3,705	4,429	4,685	4,688
On layoff .....	868	825	796	821	860	898	971	970	1,027	1,114	1,349	1,367	1,200
Other job losers .....	2,238	2,163	2,134	2,040	2,098	2,141	2,124	2,203	2,324	2,591	3,080	3,317	3,488
Job leavers .....	965	981	953	1,036	1,030	1,026	1,015	1,058	988	1,000	989	1,043	934
Reentrants .....	1,799	1,749	1,800	1,934	1,838	1,850	1,813	1,820	1,915	1,988	2,043	2,133	2,059
New entrants .....	791	768	748	713	667	681	657	621	670	667	668	754	788
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	46.6	46.1	45.6	43.7	45.6	46.1	47.0	47.6	48.4	50.3	54.5	54.4	55.4
On layoff .....	13.0	12.7	12.4	12.5	13.2	13.6	14.8	14.5	14.8	15.1	16.6	15.9	14.2
Other job losers .....	33.6	33.3	33.2	31.2	32.3	32.5	32.3	33.0	33.6	35.2	37.9	38.5	41.2
Job leavers .....	14.5	15.1	14.8	15.8	15.9	15.6	15.4	15.9	14.3	13.6	12.2	12.1	11.0
Reentrants .....	27.0	27.0	28.0	29.6	28.3	28.0	27.6	27.3	27.7	27.0	25.1	24.8	24.3
New entrants .....	11.9	11.8	11.6	10.9	10.3	10.3	10.0	9.3	9.7	9.1	8.2	8.7	9.3
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	2.5	2.4	2.4	2.3	2.4	2.4	2.5	2.5	2.7	3.0	3.5	3.7	3.7
Job leavers .....	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.7
Reentrants .....	1.5	1.4	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.7	1.6
New entrants .....	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.6	.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		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>TOTAL</b>													
Total not in labor force .....	62,926	62,789	62,522	62,478	62,583	62,586	62,764	62,985	63,471	83,772	64,099	64,012	64,736
Do not want a job now .....	57,723	57,385	57,283	57,169	57,121	57,370	57,332	57,449	58,248	58,188	58,404	58,637	59,022
Current activity:													
Going to school .....	6,460	6,315	6,375	6,362	6,445	6,248	6,397	6,606	6,927	6,707	6,614	6,837	7,001
Ill, disabled .....	4,458	4,665	4,595	4,747	4,684	4,731	4,692	4,994	5,099	5,115	4,963	4,856	5,026
Keeping house .....	25,379	24,542	24,451	24,186	24,043	23,827	23,897	23,422	23,619	23,562	23,117	23,440	23,308
Retired .....	16,838	17,212	17,200	17,377	17,726	18,211	18,228	18,349	18,542	18,598	19,110	19,013	19,400
Other activity .....	4,587	4,650	4,661	4,498	4,223	4,352	4,118	4,079	4,061	4,206	4,600	4,491	4,287
Want a job now .....	5,222	5,411	5,347	5,302	5,454	5,142	5,482	5,571	5,356	5,530	5,728	5,519	5,846
Reason not looking:													
School attendance .....	1,348	1,401	1,303	1,279	1,439	1,243	1,412	1,429	1,410	1,393	1,432	1,371	1,525
Ill health, disability .....	802	779	889	928	894	902	918	915	876	947	1,029	870	1,023
Home responsibilities .....	1,122	1,135	1,190	1,157	1,163	1,245	1,181	1,263	1,229	1,150	1,201	1,148	1,157
Think cannot get a job .....	932	930	887	859	808	799	784	879	831	941	997	981	1,075
Job-market factors .....	600	572	583	525	512	543	508	539	519	588	657	711	692
Personal factors .....	332	358	304	334	297	256	276	340	312	353	340	270	382
Other reasons <sup>1</sup> .....	1,018	1,166	1,078	1,079	1,150	953	1,188	1,084	1,010	1,100	1,069	1,148	1,066
<b>Men</b>													
Total not in labor force .....	20,861	21,059	20,934	20,865	20,993	20,966	21,182	21,336	21,597	21,505	21,909	21,953	22,191
Do not want a job now .....	18,942	19,061	19,049	18,976	18,921	19,161	19,206	19,349	19,674	19,567	19,673	20,015	20,138
Want a job now .....	1,881	2,009	1,965	1,899	1,989	1,771	2,018	2,011	1,951	1,927	2,151	2,007	2,203
Reason not looking:													
School attendance .....	647	710	653	633	715	596	742	689	713	629	769	640	728
Ill health, disability .....	371	370	418	449	473	427	454	487	436	453	552	422	518
Think cannot get a job .....	446	442	426	399	340	367	333	362	395	383	405	430	490
Other reasons <sup>1</sup> .....	418	487	468	418	461	381	489	474	407	462	425	514	467
<b>Women</b>													
Total not in labor force .....	42,065	41,729	41,589	41,613	41,591	41,619	41,583	41,650	41,875	42,267	42,190	42,059	42,545
Do not want a job now .....	38,781	38,324	38,234	38,194	38,199	38,209	38,127	38,100	38,574	38,621	38,731	38,622	38,883
Want a job now .....	3,341	3,402	3,381	3,404	3,465	3,372	3,463	3,560	3,405	3,603	3,576	3,513	3,643
Reason not looking:													
School attendance .....	701	690	650	647	723	647	670	740	698	763	663	731	798
Ill health, disability .....	431	409	471	478	421	475	464	428	441	494	477	448	504
Home responsibilities .....	1,122	1,135	1,190	1,157	1,163	1,245	1,181	1,263	1,229	1,150	1,201	1,148	1,157
Think cannot get a job .....	486	488	460	461	469	432	450	518	435	558	592	551	585
Other reasons .....	601	680	610	661	689	572	698	610	603	638	644	634	599
<b>White</b>													
Total not in labor force .....	53,431	53,225	53,015	52,973	53,088	52,897	52,959	53,103	53,302	53,549	53,801	53,719	54,283
Do not want a job now .....	49,688	49,316	49,297	49,149	49,265	49,245	49,041	49,082	49,362	49,636	49,543	49,991	50,105
Want a job now .....	3,683	3,890	3,847	3,754	3,774	3,687	4,020	3,931	3,909	3,905	4,195	3,770	4,320
Reason not looking:													
School attendance .....	879	936	906	893	962	849	990	953	983	874	1,046	908	1,101
Ill health, disability .....	564	560	663	646	596	648	669	648	664	748	737	593	800
Home responsibilities .....	805	827	815	817	787	904	861	916	904	828	913	820	860
Think cannot get a job .....	605	649	586	520	530	532	553	607	589	612	651	611	760
Other reasons <sup>1</sup> .....	830	918	878	879	899	753	948	807	769	843	848	838	800
<b>Black</b>													
Total not in labor force .....	7,477	7,475	7,467	7,540	7,528	7,614	7,680	7,728	7,911	7,906	7,982	7,983	8,087
Do not want a job now .....	6,244	6,183	6,140	6,274	6,000	6,326	6,394	6,404	6,705	6,469	6,693	6,533	6,825
Want a job now .....	1,232	1,275	1,316	1,304	1,609	1,268	1,273	1,350	1,239	1,408	1,267	1,494	1,379
Reason not looking:													
School attendance .....	322	379	335	308	452	339	355	405	340	440	314	377	417
Ill health, disability .....	226	201	216	241	297	252	227	231	181	183	233	248	209
Home responsibilities .....	259	274	341	274	350	306	289	274	310	303	277	274	237
Think cannot get a job .....	280	215	257	323	256	223	200	207	203	265	269	344	265
Other reasons <sup>1</sup> .....	145	206	168	159	254	147	203	233	205	217	174	251	252

<sup>1</sup> Includes 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							
	III 1990	III 1991	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991
<b>TOTAL</b>										
Total not in labor force .....	62,370	63,702	5,614	5,735	3,584	3,833	21,028	21,409	32,144	32,725
Do not want a job now .....	57,297	58,193	4,733	4,865	2,920	3,096	18,063	18,124	31,580	32,108
Current activity:										
Going to school .....	4,336	4,432	2,553	2,570	1,135	1,062	635	781	13	20
Ill, disabled .....	5,075	5,008	72	55	143	122	2,759	2,788	2,102	2,043
Keeping house .....	23,655	23,322	491	487	1,125	1,236	11,355	11,185	10,684	10,414
Retired .....	18,751	19,628	--	--	--	--	455	455	18,296	19,173
Other activity .....	5,479	5,803	1,617	1,754	518	676	2,859	2,914	485	458
Want a job now .....	5,073	5,509	881	870	664	737	2,965	3,285	564	617
Reason for not looking:										
School attendance .....	850	927	425	489	168	213	252	222	5	3
Ill health, disability .....	857	1,007	27	29	29	64	605	771	196	143
Home responsibility .....	1,362	1,289	73	61	217	196	1,021	971	50	60
Think cannot get a job .....	841	1,076	168	151	136	128	421	606	117	191
Job-market factors .....	522	689	81	98	86	83	291	429	64	79
Personal factors .....	319	386	87	53	50	45	130	177	53	111
Other reasons <sup>1</sup> .....	1,163	1,210	188	140	114	135	666	715	195	220
<b>Men</b>										
Total not in labor force .....	20,784	21,506	2,657	2,719	1,166	1,202	4,378	4,677	12,583	12,907
Do not want a job now .....	19,062	19,554	2,222	2,287	934	945	3,550	3,671	12,355	12,650
Current activity:										
Going to school .....	2,152	2,188	1,254	1,311	595	495	295	373	8	8
Ill, disabled .....	2,524	2,534	42	38	59	67	1,515	1,571	908	858
Keeping house .....	506	425	53	56	35	37	193	172	226	160
Retired .....	11,180	11,658	--	--	--	--	310	315	10,870	11,343
Other activity .....	2,700	2,749	873	882	247	346	1,237	1,241	343	280
Want a job now .....	1,722	1,952	435	432	232	257	828	1,006	228	257
Reason for not looking:										
School attendance .....	419	425	247	237	96	113	72	71	4	3
Ill health, disability .....	446	530	16	11	15	47	343	395	72	77
Think cannot get a job .....	394	478	92	95	84	54	164	264	53	65
Other reasons <sup>1</sup> .....	463	518	79	88	36	43	249	275	99	112
<b>Women</b>										
Total not in labor force .....	41,586	42,196	2,957	3,016	2,418	2,630	16,650	16,732	19,561	19,818
Do not want a job now .....	38,234	38,639	2,511	2,578	1,986	2,151	14,513	14,453	19,224	19,458
Current activity:										
Going to school .....	2,184	2,244	1,299	1,258	540	567	340	408	5	11
Ill, disabled .....	2,551	2,474	30	17	84	55	1,243	1,218	1,193	1,185
Keeping house .....	23,149	22,897	438	431	1,091	1,199	11,163	11,014	10,458	10,254
Retired .....	7,571	7,970	--	--	--	--	145	141	7,426	7,829
Other activity .....	2,779	3,054	744	872	271	330	1,622	1,673	142	178
Want a job now .....	3,351	3,557	446	438	432	480	2,137	2,280	336	360
Reason for not looking:										
School attendance .....	431	502	178	251	71	100	180	151	2	--
Ill health, disability .....	411	478	11	18	14	17	262	376	124	66
Home responsibility .....	1,362	1,289	73	61	217	196	1,021	971	50	60
Think cannot get a job .....	447	597	75	56	52	74	256	342	63	126
Other reasons <sup>1</sup> .....	700	692	108	51	78	93	417	440	96	108

<sup>1</sup> Includes small number of men not looking for work because of "home responsibilities."

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

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

**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			
	III 1990	III 1991	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991
<b>WHITE</b>												
Total not in labor force .....	52,410	53,467	6,705	6,977	17,085	17,354	28,620	29,136	17,243	17,846	35,167	35,621
Do not want a job now .....	48,693	49,452	5,638	5,914	14,957	14,920	28,098	28,618	16,013	16,460	32,680	32,993
Current activity:												
Going to school .....	3,096	3,273	2,643	2,707	443	552	10	14	1,489	1,618	1,607	1,655
Ill, disabled .....	3,935	3,845	168	145	2,107	2,081	1,660	1,620	2,004	1,959	1,931	1,886
Keeping house .....	20,458	20,250	1,194	1,337	9,636	9,530	9,628	9,383	361	270	20,096	19,980
Retired .....	16,775	17,588	--	--	416	425	16,359	17,163	10,026	10,488	6,749	7,100
Other activity .....	4,429	4,496	1,633	1,726	2,354	2,333	441	437	2,133	2,125	2,296	2,372
Want a job now .....	3,698	4,000	1,044	1,097	2,178	2,402	476	502	1,228	1,386	2,470	2,614
Reason for not looking:												
School attendance .....	590	644	406	486	179	155	5	3	292	292	298	351
Ill health, disability .....	641	757	43	69	447	579	150	110	333	405	308	352
Home responsibility .....	1,015	967	172	183	797	736	45	48	--	--	1,015	967
Think cannot get a job .....	554	714	189	172	260	382	106	161	259	312	295	403
Other reasons <sup>1</sup> .....	898	918	234	187	495	550	170	181	344	376	554	541
<b>BLACK</b>												
Total not in labor force .....	7,736	7,917	1,946	2,009	2,939	3,008	2,851	2,900	2,770	2,875	4,966	5,042
Do not want a job now .....	6,578	6,676	1,515	1,562	2,292	2,315	2,771	2,799	2,374	2,411	4,203	4,265
Current activity:												
Going to school .....	806	800	724	665	79	130	3	6	408	366	398	434
Ill, disabled .....	988	1,039	43	30	553	620	393	388	446	505	543	534
Keeping house .....	2,334	2,203	340	325	1,209	1,084	785	794	139	115	2,195	2,087
Retired .....	1,587	1,618	--	--	34	25	1,553	1,592	925	946	662	672
Other activity .....	863	1,016	409	542	417	456	37	18	457	479	406	537
Want a job now .....	1,158	1,241	431	446	647	693	80	101	395	464	763	777
Reason for not looking:												
School attendance .....	204	238	150	189	54	50	--	--	88	106	116	132
Ill health, disability .....	187	219	9	24	132	165	45	30	101	106	86	113
Home responsibility .....	320	250	113	69	202	169	6	12	--	--	320	250
Think cannot get a job .....	244	309	101	98	136	187	7	24	112	135	132	173
Other reasons <sup>1</sup> .....	203	226	57	66	124	123	22	36	95	116	108	109
<b>HISPANIC ORIGIN</b>												
Total not in labor force .....	4,590	4,886	1,149	1,274	2,201	2,305	1,240	1,307	1,232	1,366	3,358	3,520
Do not want a job now .....	3,923	4,218	923	1,058	1,782	1,910	1,218	1,251	1,043	1,176	2,880	3,042
Current activity:												
Going to school .....	408	491	322	403	82	88	3	--	158	217	249	274
Ill, disabled .....	411	453	42	29	246	274	124	150	214	246	197	207
Keeping house .....	2,013	2,111	363	397	1,271	1,331	379	383	43	40	1,971	2,071
Retired .....	700	716	--	--	16	8	684	708	415	459	286	257
Other activity .....	390	447	197	229	166	209	28	10	214	215	177	233
Want a job now .....	507	634	189	210	282	400	36	24	154	193	353	441
Reason for not looking:												
School attendance .....	96	110	68	75	28	34	--	--	51	36	46	74
Ill health, disability .....	69	100	8	16	48	74	14	10	35	51	34	49
Home responsibility .....	187	158	40	47	138	111	9	--	--	--	187	158
Think cannot get a job .....	97	137	61	43	25	94	11	--	47	60	51	76
Other reasons <sup>1</sup> .....	57	130	11	28	44	87	2	14	21	47	36	83

<sup>1</sup> 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	3rd 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
<b>TOTAL</b>								
Personal factors:								
Employers think too young or old .....	146	18	6	25	98	118	25	1
Lacks education or training .....	167	22	36	104	5	102	53	31
Other personal handicap .....	73	13	4	48	8	56	15	5
Job-market factors:								
Could not find work .....	421	80	59	251	31	241	158	77
Thinks no job available .....	268	18	24	178	48	197	58	22
<b>Men</b>								
Personal factors:								
Employers think too young or old .....	67	16	6	18	28	46	19	--
Lacks education or training .....	53	10	14	29	--	36	15	13
Other personal handicap .....	40	8	2	29	1	32	8	--
Job-market factors:								
Could not find work .....	194	48	23	110	13	112	67	38
Thinks no job available .....	124	13	10	78	23	86	28	10
<b>Women</b>								
Personal factors:								
Employers think too young or old .....	79	2	--	7	71	73	7	1
Lacks education or training .....	114	12	22	75	5	67	38	19
Other personal handicap .....	33	5	2	19	6	23	7	5
Job-market factors:								
Could not find work .....	227	32	36	141	18	129	92	39
Thinks no job available .....	144	5	14	100	25	112	30	13

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			
	III 1990	III 1991	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991
<b>TOTAL</b>												
Do not intend to seek work .....	54,124	55,170	5,526	5,935	17,074	17,113	31,524	32,122	46,065	46,894	6,189	6,357
Intend to seek work in the next 12 months .....	8,246	8,533	3,672	3,633	3,954	4,297	619	603	6,326	6,558	1,547	1,560
Never worked .....	1,195	1,226	1,021	1,022	171	201	4	3	706	809	391	322
Last worked over 5 years ago .....	992	1,091	57	38	760	883	175	170	709	803	250	243
Last worked 1 to 5 years ago .....	2,033	2,120	569	532	1,270	1,404	194	184	1,595	1,610	377	403
Worked during the previous 12 months .....	4,025	4,096	2,025	2,041	1,753	1,808	247	246	3,316	3,337	529	593
<b>Men</b>												
Do not intend to seek work .....	17,902	18,352	2,166	2,215	3,451	3,516	12,286	12,621	15,075	15,467	2,210	2,277
Intend to seek work in the next 12 months .....	2,882	3,153	1,657	1,707	928	1,161	297	286	2,166	2,378	560	598
Never worked .....	526	525	487	483	37	42	3	—	299	336	180	146
Last worked over 5 years ago .....	205	253	5	7	125	166	75	80	152	172	44	67
Last worked 1 to 5 years ago .....	560	655	193	174	276	383	92	98	413	492	117	129
Worked during the previous 12 months .....	1,591	1,721	972	1,043	490	570	128	108	1,303	1,378	218	256
<b>Women</b>												
Do not intend to seek work .....	36,222	36,817	3,360	3,719	13,623	13,597	19,239	19,501	30,990	31,427	3,978	4,080
Intend to seek work in the next 12 months .....	5,364	5,379	2,015	1,927	3,026	3,136	322	317	4,159	4,180	988	962
Never worked .....	669	702	534	539	134	159	1	3	407	473	211	176
Last worked over 5 years ago .....	788	838	52	32	636	717	100	90	557	631	206	176
Last worked 1 to 5 years ago .....	1,473	1,465	377	358	994	1,021	102	86	1,183	1,117	260	273
Worked during the previous 12 months .....	2,434	2,374	1,052	998	1,263	1,238	119	138	2,013	1,958	311	336

**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	
	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991
<b>TOTAL</b>								
Civilian noninstitutional population .....	188,266	189,978	160,553	161,646	21,339	21,656	14,356	14,829
Civilian labor force .....	125,897	126,276	108,143	108,179	13,603	13,739	9,787	9,943
Percent of population .....	66.9	66.5	67.4	66.9	63.7	63.4	68.0	67.1
Employed .....	119,030	117,982	103,136	101,852	12,017	12,073	8,984	8,941
Agriculture .....	3,445	3,591	3,199	3,322	168	185	533	523
Nonagricultural industries .....	115,585	114,391	99,937	98,530	11,849	11,888	8,451	8,418
Unemployed .....	6,867	8,295	5,007	6,327	1,586	1,666	783	1,002
Unemployment rate .....	5.5	6.6	4.6	5.8	11.7	12.1	8.0	10.1
Not in labor force .....	62,370	63,702	52,410	53,467	7,736	7,917	4,590	4,886
<b>Men, 16 years and over</b>								
Civilian noninstitutional population .....	89,767	90,662	77,161	77,762	9,586	9,737	7,117	7,358
Civilian labor force .....	68,983	69,156	59,918	59,916	6,816	6,862	5,885	5,992
Percent of population .....	76.8	76.3	77.7	77.1	71.1	70.5	82.7	81.4
Employed .....	65,421	64,631	57,295	56,389	6,013	6,021	5,441	5,391
Agriculture .....	2,718	2,836	2,505	2,608	147	160	446	452
Nonagricultural industries .....	62,703	61,795	54,790	53,781	5,866	5,860	4,996	4,939
Unemployed .....	3,582	4,525	2,623	3,527	802	842	444	601
Unemployment rate .....	5.2	6.5	4.4	5.9	11.8	12.3	7.5	10.0
Not in labor force .....	20,784	21,506	17,243	17,846	2,770	2,875	1,232	1,366
<b>Men, 20 years and over</b>								
Civilian noninstitutional population .....	82,864	83,943	71,589	72,379	8,528	8,699	6,394	6,618
Civilian labor force .....	64,737	65,156	56,259	56,496	6,334	6,402	5,437	5,570
Percent of population .....	78.1	77.6	78.6	78.1	74.3	73.6	85.0	84.2
Employed .....	61,821	61,346	54,119	53,501	5,681	5,715	5,073	5,072
Agriculture .....	2,436	2,560	2,241	2,352	135	147	407	416
Nonagricultural industries .....	59,385	58,786	51,879	51,149	5,546	5,568	4,666	4,656
Unemployed .....	2,916	3,810	2,139	2,995	653	687	384	498
Unemployment rate .....	4.5	5.8	3.8	5.3	10.3	10.7	6.7	8.9
Not in labor force .....	18,127	18,786	15,331	15,884	2,195	2,297	956	1,048
<b>Women, 16 years and over</b>								
Civilian noninstitutional population .....	98,499	99,316	83,391	83,884	11,753	11,919	7,239	7,471
Civilian labor force .....	56,914	57,120	48,225	48,263	6,787	6,877	3,861	3,952
Percent of population .....	57.8	57.5	57.8	57.5	57.7	57.7	53.6	52.9
Employed .....	53,609	53,351	45,841	45,463	6,003	6,052	3,542	3,551
Agriculture .....	727	755	693	714	21	24	87	71
Nonagricultural industries .....	52,882	52,596	45,147	44,749	5,982	6,028	3,455	3,479
Unemployed .....	3,305	3,769	2,384	2,800	784	824	339	401
Unemployment rate .....	5.8	6.6	4.9	5.8	11.5	12.0	8.7	10.1
Not in labor force .....	41,586	42,196	35,167	35,621	4,966	5,042	3,358	3,520
<b>Women, 20 years and over</b>								
Civilian noninstitutional population .....	91,678	92,724	77,925	78,622	10,670	10,864	6,529	6,749
Civilian labor force .....	53,050	53,544	44,911	45,191	6,345	6,485	3,584	3,667
Percent of population .....	57.9	57.7	57.6	57.5	59.5	59.7	54.9	54.3
Employed .....	50,308	50,395	42,931	42,841	5,697	5,805	3,300	3,328
Agriculture .....	670	696	639	656	20	24	81	61
Nonagricultural industries .....	49,638	49,699	42,292	42,185	5,677	5,781	3,219	3,266
Unemployed .....	2,742	3,149	1,980	2,349	649	680	284	340
Unemployment rate .....	5.2	5.9	4.4	5.2	10.2	10.5	7.9	9.3
Not in labor force .....	38,628	39,180	33,014	33,432	4,325	4,379	2,946	3,082
<b>Both sexes, 16 to 19 years</b>								
Civilian noninstitutional population .....	13,724	13,312	11,038	10,644	2,140	2,093	1,433	1,462
Civilian labor force .....	8,110	7,576	6,973	6,493	924	652	746	706
Percent of population .....	59.1	56.9	63.2	61.0	43.2	40.7	52.0	48.3
Employed .....	6,901	6,240	6,086	5,510	639	553	611	542
Agriculture .....	339	335	319	314	13	14	45	46
Nonagricultural industries .....	6,562	5,906	5,767	5,196	626	539	566	495
Unemployed .....	1,209	1,336	888	983	285	299	135	164
Unemployment rate .....	14.9	17.6	12.7	15.1	30.8	35.1	18.1	23.2
Not in labor force .....	5,614	5,735	4,065	4,151	1,216	1,241	687	757

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 <sup>1</sup>		Mexican origin		Puerto Rican origin		Cuban origin	
	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991
<b>TOTAL</b>								
Civilian noninstitutional population .....	14,356	14,829	8,826	8,979	1,564	1,684	820	805
Civilian labor force .....	9,767	9,943	6,169	6,114	867	958	528	509
Percent of population .....	68.0	67.1	69.9	68.1	55.4	56.9	64.4	63.3
Employed .....	8,984	8,941	5,666	5,441	791	867	486	463
Agriculture .....	533	523	484	486	11	5	5	1
Nonagricultural industries .....	8,451	8,418	5,183	4,955	780	862	481	462
Unemployed .....	783	1,002	503	673	76	91	42	46
Unemployment rate .....	8.0	10.1	8.1	11.0	8.7	9.5	7.9	9.0
Not in labor force .....	4,590	4,886	2,657	2,865	697	726	292	296
<b>Men, 16 years and over</b>								
Civilian noninstitutional population .....	7,117	7,358	4,538	4,678	675	715	409	391
Civilian labor force .....	5,885	5,992	3,842	3,870	493	507	305	301
Percent of population .....	82.7	81.4	84.7	82.7	73.0	70.9	74.5	76.9
Employed .....	5,441	5,391	3,543	3,457	448	460	284	277
Agriculture .....	446	452	408	419	10	4	3	1
Nonagricultural industries .....	4,996	4,939	3,135	3,037	438	456	281	276
Unemployed .....	444	601	299	414	45	47	21	24
Unemployment rate .....	7.5	10.0	7.8	10.7	9.0	9.2	6.9	8.0
Not in labor force .....	1,232	1,366	696	808	182	206	104	90
<b>Men, 20 years and over</b>								
Civilian noninstitutional population .....	6,394	6,618	4,044	4,176	611	846	386	372
Civilian labor force .....	5,437	5,570	3,512	3,568	470	479	294	289
Percent of population .....	85.0	84.2	86.8	85.4	76.9	74.2	76.2	77.5
Employed .....	5,073	5,072	3,269	3,235	432	438	275	266
Agriculture .....	407	416	375	384	9	4	3	1
Nonagricultural industries .....	4,666	4,656	2,894	2,851	423	434	273	265
Unemployed .....	364	498	242	334	38	41	19	23
Unemployment rate .....	6.7	8.9	6.9	9.3	8.0	8.6	6.5	7.9
Not in labor force .....	956	1,048	533	608	141	167	92	84
<b>Women, 16 years and over</b>								
Civilian noninstitutional population .....	7,239	7,471	4,288	4,301	889	969	411	414
Civilian labor force .....	3,881	3,952	2,327	2,244	374	452	223	208
Percent of population .....	53.6	52.9	54.3	52.2	42.1	46.6	54.2	50.3
Employed .....	3,542	3,551	2,123	1,965	343	408	202	187
Agriculture .....	87	71	76	67	1	2	2	—
Nonagricultural industries .....	3,455	3,479	2,048	1,918	342	406	200	187
Unemployed .....	339	401	204	259	31	44	21	22
Unemployment rate .....	8.7	10.1	8.8	11.5	8.4	9.7	9.3	10.5
Not in labor force .....	3,358	3,520	1,961	2,057	515	518	188	206
<b>Women, 20 years and over</b>								
Civilian noninstitutional population .....	6,529	6,749	3,804	3,828	814	878	391	389
Civilian labor force .....	3,584	3,667	2,122	2,049	348	419	212	201
Percent of population .....	54.9	54.3	55.8	53.5	42.7	47.7	54.2	51.6
Employed .....	3,300	3,328	1,960	1,837	320	383	192	179
Agriculture .....	81	61	71	57	—	2	2	—
Nonagricultural industries .....	3,219	3,266	1,889	1,780	320	382	190	179
Unemployed .....	284	340	162	212	27	35	20	22
Unemployment rate .....	7.9	9.3	7.6	10.3	7.9	8.5	9.4	10.8
Not in labor force .....	2,946	3,082	1,682	1,779	466	459	179	188
<b>Both sexes, 16 to 19 years</b>								
Civilian noninstitutional population .....	1,433	1,462	978	975	139	160	43	43
Civilian labor force .....	746	706	536	497	50	60	22	20
Percent of population .....	52.0	48.3	54.8	51.0	35.7	37.6	( <sup>2</sup> )	( <sup>2</sup> )
Employed .....	611	542	437	370	39	46	19	18
Agriculture .....	45	46	37	45	2	—	—	—
Nonagricultural industries .....	566	495	400	324	37	46	19	18
Unemployed .....	135	164	99	127	11	14	3	1
Unemployment rate .....	18.1	23.2	18.4	25.6	( <sup>2</sup> )	23.6	( <sup>2</sup> )	( <sup>2</sup> )
Not in labor force .....	887	757	442	478	89	100	21	24

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

<sup>2</sup> Data not shown where base is less than 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	
	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991
<b>CHARACTERISTIC</b>								
Total (all civilian workers) .....	119,030	117,982	103,136	101,852	12,017	12,073	8,984	8,941
Men .....	65,421	64,631	57,295	56,389	6,013	6,021	5,441	5,391
Women .....	53,609	53,351	45,841	45,463	6,003	6,052	3,542	3,551
<b>OCCUPATION</b>								
Managerial and professional specialty .....	30,509	30,675	27,507	27,610	1,922	1,907	1,056	1,110
Executive, administrative, and managerial .....	15,003	14,914	13,703	13,582	870	848	538	589
Professional specialty .....	15,507	15,761	13,803	14,028	1,052	1,059	518	522
Technical, sales, and administrative support .....	36,453	36,026	32,017	31,461	3,300	3,370	2,070	2,136
Technicians and related support .....	3,799	3,857	3,309	3,324	328	356	168	179
Sales occupations .....	14,154	13,941	12,778	12,533	960	956	727	798
Administrative support, including clerical .....	18,500	18,227	15,930	15,603	2,013	2,058	1,175	1,159
Service occupations .....	16,114	16,323	12,707	12,816	2,778	2,846	1,830	1,823
Private household .....	807	864	583	660	187	176	166	182
Protective service .....	2,059	2,150	1,683	1,744	344	368	118	139
Service, except private household and protective .....	13,247	13,309	10,441	10,412	2,248	2,301	1,546	1,502
Precision production, craft, and repair .....	13,860	13,290	12,446	12,017	1,033	937	1,183	1,203
Mechanics and repairers .....	4,516	4,445	4,058	4,053	348	302	313	344
Construction trades .....	5,208	4,921	4,750	4,487	355	338	477	473
Other precision production, craft, and repair .....	4,137	3,924	3,638	3,477	330	298	394	386
Operators, fabricators, and laborers .....	18,193	17,684	14,899	14,354	2,730	2,722	2,258	2,104
Machine operators, assemblers, and inspectors .....	8,292	7,867	6,742	6,307	1,230	1,203	1,201	1,074
Transportation and material moving occupations .....	4,912	4,920	4,046	3,994	763	822	398	367
Handlers, equipment cleaners, helpers, and laborers .....	4,989	4,897	4,111	4,053	737	697	659	663
Construction laborers .....	862	838	743	719	104	100	130	139
Other handlers, equipment cleaners, helpers, and laborers .....	4,127	4,059	3,368	3,334	634	596	529	523
Farming, forestry, and fishing .....	3,901	3,983	3,560	3,595	253	290	587	565
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>								
Agriculture:								
Wage and salary workers .....	1,887	1,894	1,700	1,691	132	140	473	479
Self-employed workers .....	1,438	1,564	1,380	1,501	35	44	56	45
Unpaid family workers .....	121	132	118	130	2	-	3	-
Nonagricultural industries:								
Wage and salary workers .....	106,543	105,234	91,669	90,219	11,393	11,420	8,012	7,927
Government .....	17,271	17,501	14,041	14,238	2,626	2,667	947	982
Private industries .....	89,272	87,733	77,628	75,981	8,766	8,753	7,065	6,945
Private households .....	1,075	1,118	796	846	237	239	189	208
Other industries .....	88,197	86,615	76,832	75,135	8,529	8,514	6,875	6,737
Self-employed workers .....	8,794	8,945	8,040	8,128	452	464	427	481
Unpaid family workers .....	248	212	228	183	4	4	12	11
<b>FULL- AND PART-TIME STATUS<sup>1</sup></b>								
Full-time schedules .....	98,167	96,417	84,838	83,040	10,058	10,018	7,526	7,380
Part time for economic reasons .....	5,307	6,225	4,340	5,101	789	920	668	765
Part time for noneconomic reasons .....	15,556	15,340	13,957	13,711	1,171	1,135	790	796

<sup>1</sup> 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 <sup>1</sup>		Mexican origin		Puerto Rican origin		Cuban origin	
	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991
<b>CHARACTERISTIC</b>								
Total (all civilian workers) .....	8,984	8,941	5,666	5,441	791	867	486	463
Men .....	5,441	5,391	3,543	3,457	448	460	284	277
Women .....	3,542	3,551	2,123	1,985	343	408	202	187
<b>OCCUPATION</b>								
Managerial and professional specialty .....	1,056	1,110	533	537	113	160	113	124
Executive, administrative, and managerial .....	538	589	276	295	52	81	65	66
Professional specialty .....	518	522	257	242	60	79	48	57
Technical, sales, and administrative support .....	2,070	2,136	1,166	1,167	233	284	167	162
Technicians and related support .....	168	179	93	100	19	26	13	8
Sales occupations .....	727	798	416	432	56	79	63	78
Administrative support, including clerical .....	1,175	1,159	657	634	159	179	91	76
Service occupations .....	1,830	1,823	1,105	1,002	133	140	68	47
Private household .....	166	182	84	64	6	2	1	2
Protective service .....	118	139	63	81	21	29	10	5
Service, except private household and protective .....	1,546	1,502	958	856	106	109	58	40
Precision production, craft, and repair .....	1,183	1,203	800	822	108	88	55	65
Mechanics and repairers .....	313	344	180	224	44	33	16	22
Construction trades .....	477	473	345	351	26	20	21	25
Other precision production, craft, and repair .....	394	386	274	247	37	36	19	18
Operators, fabricators, and laborers .....	2,258	2,104	1,540	1,404	188	188	77	60
Machine operators, assemblers, and inspectors .....	1,201	1,074	817	719	99	112	39	31
Transportation and material moving occupations .....	398	367	254	238	44	34	10	10
Handlers, equipment cleaners, helpers, and laborers .....	659	663	469	447	45	42	28	19
Construction laborers .....	130	139	104	106	2	6	2	3
Other handlers, equipment cleaners, helpers, and laborers .....	529	523	364	341	42	36	26	16
Farming, forestry, and fishing .....	587	565	523	510	16	7	6	6
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>								
Agriculture:								
Wage and salary workers .....	473	479	434	445	10	5	3	1
Self-employed workers .....	56	45	47	41	2	-	2	-
Unpaid family workers .....	3	-	3	-	-	-	-	-
Nonagricultural industries:								
Wage and salary workers .....	8,012	7,927	4,952	4,699	758	836	441	408
Government .....	947	982	601	588	122	153	37	29
Private industries .....	7,065	6,945	4,351	4,111	636	683	405	379
Private households .....	189	208	100	78	7	2	1	3
Other industries .....	6,875	6,737	4,251	4,033	629	681	404	376
Self-employed workers .....	427	481	224	250	21	26	39	53
Unpaid family workers .....	12	11	7	6	1	-	1	1
<b>FULL- AND PART-TIME STATUS<sup>2</sup></b>								
Full-time schedules .....	7,526	7,380	4,729	4,434	684	748	418	397
Part time for economic reasons .....	668	765	461	509	36	47	15	22
Part time for noneconomic reasons .....	790	796	475	499	71	71	54	44

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

<sup>2</sup> 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	
	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991
Total, 16 years and over .....	119,030	117,982	103,136	101,852	12,017	12,073	8,984	8,941
16 to 19 years .....	6,901	6,240	6,086	5,510	639	553	611	542
16 to 17 years .....	2,669	2,469	2,371	2,189	225	209	208	157
18 to 19 years .....	4,232	3,772	3,714	3,322	414	344	403	385
20 to 24 years .....	13,006	12,555	11,219	10,750	1,351	1,360	1,402	1,309
25 years and over .....	99,123	99,186	85,832	85,592	10,027	10,160	6,971	7,091
25 to 54 years .....	84,203	84,521	72,561	72,654	8,749	8,850	6,275	6,402
55 years and over .....	14,920	14,665	13,270	12,938	1,278	1,310	695	689
Men, 16 years and over .....	65,421	64,631	57,295	56,389	6,013	6,021	5,441	5,391
16 to 19 years .....	3,600	3,285	3,176	2,888	332	305	368	319
16 to 17 years .....	1,408	1,310	1,254	1,156	117	120	117	84
18 to 19 years .....	2,191	1,974	1,922	1,732	215	186	252	235
20 to 24 years .....	6,896	6,680	5,959	5,704	696	727	877	848
25 years and over .....	54,925	54,666	48,160	47,796	4,985	4,988	4,197	4,224
25 to 54 years .....	46,350	46,349	40,454	40,383	4,324	4,318	3,785	3,822
55 years and over .....	8,575	8,317	7,706	7,413	662	670	411	402
Women, 16 years and over .....	53,609	53,351	45,841	45,463	6,003	6,052	3,542	3,551
16 to 19 years .....	3,301	2,956	2,910	2,622	307	247	242	223
16 to 17 years .....	1,261	1,158	1,117	1,032	108	89	91	73
18 to 19 years .....	2,041	1,798	1,793	1,590	199	158	151	150
20 to 24 years .....	6,110	5,875	5,260	5,045	655	632	526	461
25 years and over .....	44,197	44,520	37,671	37,796	5,042	5,172	2,774	2,867
25 to 54 years .....	37,853	38,172	32,107	32,271	4,425	4,532	2,490	2,580
55 years and over .....	6,344	6,348	5,564	5,525	617	640	284	287

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	
	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991
Total, 16 years and over .....	5.5	6.6	4.6	5.8	11.7	12.1	8.0	10.1
16 to 19 years .....	14.9	17.6	12.7	15.1	30.8	35.1	18.1	23.2
16 to 17 years .....	16.5	19.8	14.1	17.7	35.4	35.3	20.0	31.3
18 to 19 years .....	13.9	16.2	11.8	13.4	28.0	35.0	17.0	19.4
20 to 24 years .....	8.6	10.5	6.7	9.2	21.0	20.0	9.1	12.1
25 years and over .....	4.3	5.2	3.7	4.7	8.6	9.2	6.8	8.5
25 to 54 years .....	4.5	5.5	3.9	4.9	9.1	9.8	6.9	8.6
55 years and over .....	3.1	3.8	3.0	3.6	4.8	5.0	5.9	6.9
Men, 16 years and over .....	5.2	6.5	4.4	5.9	11.8	12.3	7.5	10.0
16 to 19 years .....	15.2	17.9	13.2	15.6	31.1	33.6	17.8	24.4
16 to 17 years .....	16.9	19.9	14.4	17.6	38.3	34.6	20.1	33.7
18 to 19 years .....	14.1	16.5	12.5	14.2	26.4	33.0	16.6	20.4
20 to 24 years .....	8.1	11.0	6.4	9.8	20.0	20.1	8.2	12.2
25 years and over .....	4.0	5.2	3.5	4.7	8.8	9.2	6.4	8.3
25 to 54 years .....	4.2	5.4	3.5	4.9	9.3	9.7	6.4	8.3
55 years and over .....	3.3	4.0	3.1	3.9	5.0	5.9	6.2	7.9
Women, 16 years and over .....	5.8	6.6	4.9	5.8	11.5	12.0	8.7	10.1
16 to 19 years .....	14.6	17.4	12.2	14.7	30.6	36.8	18.6	21.5
16 to 17 years .....	16.0	19.7	13.9	17.8	32.1	36.1	19.9	28.3
18 to 19 years .....	13.6	15.8	11.1	12.5	29.7	37.1	17.8	17.8
20 to 24 years .....	9.1	9.9	7.1	8.5	22.1	20.0	10.6	12.1
25 years and over .....	4.6	5.3	4.0	4.7	8.4	9.2	7.4	8.8
25 to 54 years .....	4.9	5.6	4.2	5.0	8.9	9.9	7.6	9.1
55 years and over .....	2.9	3.4	2.7	3.3	4.6	4.0	5.5	5.5

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Weeks of unemployment	Total		White		Black		Hispanic origin	
	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991
<b>DURATION</b>								
Total, 16 years and over .....	6,867	8,295	5,007	6,327	1,586	1,666	783	1,002
Less than 5 weeks .....	3,249	3,428	2,466	2,630	654	665	414	479
5 to 14 weeks .....	2,193	2,677	1,543	2,032	569	552	223	282
15 weeks and over .....	1,425	2,189	998	1,665	363	449	145	241
15 to 26 weeks .....	708	1,058	512	814	167	208	76	129
27 weeks and over .....	717	1,131	487	852	196	241	69	112
Average (mean) duration, in weeks .....	11.9	13.7	11.4	13.3	13.4	15.0	10.3	12.0
Median duration, in weeks .....	5.1	6.5	4.7	6.5	6.4	6.8	4.3	5.1
<b>PERCENT DISTRIBUTION</b>								
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks .....	47.3	41.3	49.2	41.6	41.2	39.9	52.9	47.8
5 to 14 weeks .....	31.9	32.3	30.8	32.1	35.9	33.1	28.5	28.1
15 weeks and over .....	20.7	26.4	19.9	26.3	22.9	27.0	18.6	24.1
15 to 26 weeks .....	10.3	12.8	10.2	12.9	10.5	12.5	9.8	12.9
27 weeks and over .....	10.4	13.6	9.7	13.5	12.4	14.5	8.8	11.2

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.

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

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin	
	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991
<b>NUMBER OF UNEMPLOYED</b>								
Total, 16 years and over .....	6,867	8,295	5,007	6,327	1,586	1,666	783	1,002
Job losers .....	3,070	4,285	2,307	3,327	655	822	418	586
On layoff .....	838	980	685	799	130	154	90	116
Other job losers .....	2,232	3,305	1,621	2,528	525	668	328	470
Job leavers .....	1,068	1,010	842	832	191	149	115	96
Reentrants .....	2,007	2,155	1,401	1,599	511	458	167	206
New entrants .....	721	845	458	569	228	237	83	114
<b>PERCENT DISTRIBUTION</b>								
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	44.7	51.7	46.1	52.6	41.3	49.3	53.4	58.5
On layoff .....	12.2	11.8	13.7	12.6	8.2	9.2	11.4	11.6
Other job losers .....	32.5	39.8	32.4	40.0	33.1	40.1	41.9	46.9
Job leavers .....	15.6	12.2	16.8	13.1	12.1	8.9	14.7	9.5
Reentrants .....	29.2	26.0	28.0	25.3	32.3	27.5	21.3	20.6
New entrants .....	10.5	10.2	9.1	9.0	14.4	14.2	10.6	11.4
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>								
Job losers .....	2.4	3.4	2.1	3.1	4.8	6.0	4.3	5.9
Job leavers .....	.8	.8	.8	.8	1.4	1.1	1.2	1.0
Reentrants .....	1.6	1.7	1.3	1.5	3.8	3.3	1.7	2.1
New entrants .....	.6	.7	.4	.5	1.7	1.7	.9	1.1

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							
	III 1990	III 1991	Total		Employed		Unemployed			
			III 1990	III 1991	III 1990	III 1991	Number		Percent of labor force	
							III 1990	III 1991	III 1990	III 1991
<b>VIETNAM-ERA VETERANS</b>										
Total, 35 years and over .....	7,657	7,799	6,963	7,089	6,707	6,762	256	327	3.7	4.6
35 to 49 years .....	6,513	6,456	6,148	6,098	5,915	5,805	232	293	3.8	4.8
35 to 39 years .....	1,382	1,128	1,303	1,055	1,235	974	68	81	5.3	7.7
40 to 44 years .....	3,283	3,069	3,110	2,917	2,998	2,792	112	125	3.6	4.3
45 to 49 years .....	1,848	2,259	1,734	2,125	1,683	2,039	52	86	3.0	4.1
50 years and over .....	1,145	1,342	815	991	791	957	24	34	2.9	3.5
<b>NONVETERANS</b>										
Total, 35 to 49 years .....	17,464	18,534	16,350	17,303	15,776	16,460	573	843	3.5	4.9
35 to 39 years .....	8,027	8,463	7,618	7,985	7,354	7,590	265	396	3.5	5.0
40 to 44 years .....	5,231	5,880	4,869	5,490	4,696	5,236	173	254	3.6	4.6
45 to 49 years .....	4,206	4,191	3,862	3,827	3,727	3,635	136	192	3.5	5.0

NOTE: Male Vietnam-era veterans are men who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are men who have never served in the Armed Forces; 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	
	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991
<b>Total, 35 to 49 years</b>												
Civilian noninstitutional population .....	5,870	5,768	542	574	241	256	14,890	15,833	1,795	1,879	1,645	1,699
Civilian labor force .....	5,563	5,487	495	506	223	240	14,080	14,929	1,558	1,618	1,517	1,548
Employed .....	5,383	5,240	450	464	211	228	13,667	14,280	1,430	1,459	1,419	1,413
Unemployed .....	180	247	44	42	12	12	413	649	128	160	98	136
Unemployment rate .....	3.2	4.5	8.9	8.2	5.4	4.9	2.9	4.3	8.2	9.9	6.5	8.8
<b>35 to 39 years</b>												
Civilian noninstitutional population .....	1,212	939	148	162	78	62	6,906	7,296	788	799	716	786
Civilian labor force .....	1,156	895	127	136	75	58	6,621	6,953	692	694	679	729
Employed .....	1,103	829	113	121	71	53	6,430	6,642	630	616	642	673
Unemployed .....	53	65	13	15	4	5	191	311	62	78	36	56
Unemployment rate .....	4.6	7.3	10.5	10.9	5.4	( <sup>1</sup> )	2.9	4.5	8.9	11.2	5.4	7.7
<b>40 to 44 years</b>												
Civilian noninstitutional population .....	2,976	2,787	254	236	101	123	4,449	5,001	557	628	514	573
Civilian labor force .....	2,825	2,666	237	207	88	110	4,172	4,705	489	548	481	518
Employed .....	2,741	2,557	215	193	85	105	4,048	4,502	453	507	449	470
Unemployed .....	84	109	22	14	3	5	124	204	37	41	32	49
Unemployment rate .....	3.0	4.1	9.3	6.6	3.7	4.4	3.0	4.3	7.5	7.4	6.6	9.4
<b>45 to 49 years</b>												
Civilian noninstitutional population .....	1,682	2,043	140	176	63	72	3,535	3,536	449	451	415	340
Civilian labor force .....	1,582	1,927	131	163	60	72	3,288	3,271	376	377	357	301
Employed .....	1,540	1,854	122	150	55	70	3,190	3,136	347	336	327	270
Unemployed .....	42	73	9	13	5	2	98	134	29	41	30	31
Unemployment rate .....	2.7	3.8	6.7	8.0	7.8	2.5	3.0	4.1	7.8	10.9	8.4	10.3

<sup>1</sup> 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	III 1990					III 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
<b>TOTAL</b>										
Total families .....	65,536	5,004	27.7	72.3	65.6	66,353	6,014	28.8	71.2	64.1
With children under 18 years of age .....	32,002	2,895	31.0	69.0	62.9	32,323	3,335	33.5	66.5	60.2
Married-couple families .....	51,261	3,333	16.6	83.4	77.1	51,699	4,077	18.9	81.1	74.4
With children under 18 years of age .....	23,927	1,965	15.6	84.4	78.6	24,009	2,286	19.3	80.7	74.3
Families maintained by women .....	11,244	1,384	52.3	47.7	40.1	11,628	1,511	51.8	48.2	40.1
With children under 18 years of age .....	6,759	829	64.3	35.7	28.7	7,033	890	63.5	36.5	29.7
Families maintained by men .....	3,031	286	37.1	62.9	56.3	3,025	427	42.0	58.0	50.9
With children under 18 years of age .....	1,316	102	57.8	42.2	39.2	1,281	160	68.1	31.9	28.7
<b>White</b>										
Total families .....	56,035	3,725	24.0	76.0	69.1	56,657	4,637	26.2	73.8	66.9
With children under 18 years of age .....	26,445	2,103	26.5	73.5	67.3	26,681	2,515	29.8	70.2	64.1
Married-couple families .....	46,168	2,756	16.4	83.6	77.0	46,495	3,452	19.3	80.7	74.2
With children under 18 years of age .....	21,108	1,596	15.6	84.4	78.4	21,187	1,916	19.8	80.2	74.1
Families maintained by women .....	7,473	753	48.9	51.1	43.0	7,783	869	47.8	52.2	43.8
With children under 18 years of age .....	4,299	432	61.3	38.7	30.8	4,482	478	59.6	40.4	33.7
Families maintained by men .....	2,394	216	34.9	65.1	59.1	2,379	316	42.7	57.3	50.0
With children under 18 years of age .....	1,038	74	56.8	43.2	40.5	1,012	121	70.2	29.8	26.4
<b>Black</b>										
Total families .....	7,442	1,080	40.6	59.4	53.3	7,551	1,141	40.6	59.4	52.1
With children under 18 years of age .....	4,336	666	46.0	54.0	48.9	4,380	684	47.7	52.3	45.9
Married-couple families .....	3,521	429	17.0	83.0	78.1	3,555	457	17.1	82.9	76.1
With children under 18 years of age .....	1,862	273	13.2	86.8	82.7	1,821	273	15.4	84.6	78.8
Families maintained by women .....	3,419	589	57.2	42.8	36.3	3,485	594	58.1	41.9	33.8
With children under 18 years of age .....	2,251	368	69.2	30.8	25.1	2,344	380	69.3	30.7	23.4
Families maintained by men .....	502	62	46.8	53.2	43.5	511	90	43.3	56.7	50.0
With children under 18 years of age .....	223	25	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	215	31	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
<b>Hispanic origin</b>										
Total families .....	4,936	605	24.8	75.2	67.4	5,047	752	30.5	69.5	64.2
With children under 18 years of age .....	3,173	390	27.2	72.8	65.9	3,226	493	35.5	64.5	61.1
Married-couple families .....	3,327	387	16.8	83.2	75.6	3,338	489	25.6	74.4	69.3
With children under 18 years of age .....	2,180	276	17.0	83.0	75.7	2,207	352	28.0	72.0	68.6
Families maintained by women .....	1,184	160	42.5	57.5	50.6	1,236	174	44.8	55.2	50.0
With children under 18 years of age .....	827	95	51.6	48.4	41.1	844	110	53.2	46.8	43.1
Families maintained by men .....	425	58	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	473	89	29.2	70.8	65.2
With children under 18 years of age .....	166	20	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	175	31	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> 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	III 1990			III 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
<b>TOTAL</b>								
Total unemployed in families <sup>1</sup> .....	5,520	28.9	71.1	64.6	6,692	30.3	69.7	62.8
Husbands .....	1,157	34.1	65.9	53.9	1,496	37.8	62.2	51.2
With children under 18 years of age .....	701	38.2	61.8	50.0	896	43.1	56.9	45.9
Wives .....	1,171	12.2	87.8	84.1	1,381	15.7	84.3	79.8
With children under 18 years of age .....	760	9.6	90.4	87.7	850	14.0	86.0	82.0
Relatives in married-couple families .....	1,318	9.8	90.2	86.8	1,636	10.0	90.0	86.2
Women who maintain families .....	622	83.8	16.2	10.7	674	81.0	19.0	12.3
With children under 18 years of age .....	524	91.2	8.8	4.9	560	89.0	11.0	6.1
Relatives in families maintained by women .....	940	30.8	69.2	60.9	1,029	32.1	67.9	58.8
Men who maintain families .....	113	62.3	37.7	33.8	214	66.3	33.7	27.3
With children under 18 years of age .....	62	88.5	11.5	9.0	120	89.8	10.2	7.9
Relatives in families maintained by men .....	200	23.4	76.6	68.6	262	25.0	75.0	68.1
<b>White</b>								
Total unemployed in families <sup>1</sup> .....	4,015	25.4	74.6	67.8	5,098	27.8	72.2	65.5
Husbands .....	949	33.7	66.3	53.2	1,295	38.7	61.3	50.1
With children under 18 years of age .....	559	38.8	61.2	48.5	750	44.7	55.3	44.3
Wives .....	995	11.0	89.0	85.5	1,179	15.0	85.0	80.9
With children under 18 years of age .....	633	8.7	91.3	88.9	713	13.0	87.0	83.4
Relatives in married-couple families .....	1,030	10.0	90.0	86.6	1,325	9.8	90.2	86.8
Women who maintain families .....	332	79.7	20.3	13.7	375	74.8	25.2	17.2
With children under 18 years of age .....	272	89.6	10.4	5.8	299	85.9	14.1	8.9
Relatives in families maintained by women .....	471	29.2	70.8	61.9	578	30.4	69.6	61.3
Men who maintain families .....	84	61.6	38.4	34.8	163	66.7	33.3	25.4
With children under 18 years of age .....	44	90.5	9.5	7.0	90	93.0	7.0	4.4
Relatives in families maintained by men .....	153	21.4	78.6	71.5	182	23.9	76.1	69.8
<b>Black</b>								
Total unemployed in families <sup>1</sup> .....	1,279	39.4	60.6	55.0	1,347	40.6	59.4	52.1
Husbands .....	154	34.2	65.8	59.6	152	29.7	70.3	60.3
With children under 18 years of age .....	107	32.5	67.5	61.1	110	30.5	69.5	58.9
Wives .....	117	16.1	83.9	80.2	148	21.0	79.0	73.6
With children under 18 years of age .....	86	11.5	88.5	86.7	99	19.7	80.3	77.2
Relatives in married-couple families .....	228	7.8	92.2	89.0	247	10.9	89.1	83.6
Women who maintain families .....	271	89.3	10.7	6.4	279	89.4	10.6	5.5
With children under 18 years of age .....	238	93.4	6.6	3.3	247	92.8	7.2	2.7
Relatives in families maintained by women .....	443	32.0	68.0	60.6	415	35.0	65.0	54.9
Men who maintain families .....	25	71.7	28.3	23.4	43	65.7	34.3	34.6
With children under 18 years of age .....	16	86.1	13.9	10.9	24	82.1	17.9	18.6
Relatives in families maintained by men .....	41	32.6	67.4	55.2	64	32.0	68.0	57.6
<b>Hispanic origin</b>								
Total unemployed in families <sup>1</sup> .....	664	26.7	73.3	65.4	842	31.9	68.1	62.7
Husbands .....	154	33.8	66.2	54.6	210	48.1	51.9	46.2
With children under 18 years of age .....	114	39.1	60.9	50.3	162	54.2	45.8	42.0
Wives .....	122	10.7	89.3	83.1	152	18.9	81.1	73.9
With children under 18 years of age .....	92	9.4	90.6	85.1	105	17.9	82.1	78.9
Relatives in married-couple families .....	148	8.4	91.6	86.3	190	10.1	89.9	85.9
Women who maintain families .....	66	75.9	24.1	19.9	78	68.9	31.1	25.3
With children under 18 years of age .....	54	80.7	19.3	15.3	59	78.6	21.4	19.1
Relatives in families maintained by women .....	106	28.3	71.7	63.3	112	31.5	68.5	64.1
Men who maintain families .....	25	53.8	46.2	42.1	42	55.5	44.5	39.4
With children under 18 years of age .....	12	79.8	20.2	20.2	22	83.7	16.3	16.3
Relatives in families maintained by men .....	44	15.3	84.7	70.3	57	11.6	88.4	82.4

<sup>1</sup> 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-70. Employed civilians by family relationship, race, Hispanic origin, and presence of employed family members**

(Numbers in thousands)

Family relationship, race, and Hispanic origin	III 1990				III 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
<b>TOTAL</b>								
Total employed in families <sup>1</sup> .....	95,193	22.1	77.9	68.4	94,081	22.7	77.3	67.5
Husbands .....	38,929	28.4	71.6	55.5	38,514	28.4	71.6	55.3
With children under 18 years of age .....	22,193	31.1	68.9	49.8	22,025	31.0	69.0	50.0
Wives .....	28,623	8.6	91.4	87.9	28,730	9.4	90.6	86.5
With children under 18 years of age .....	15,133	4.9	95.1	92.6	15,166	5.1	94.9	91.8
Relatives in married-couple families .....	12,436	6.8	93.2	89.8	11,624	7.0	93.0	89.4
Women who maintain families .....	6,335	63.0	37.0	26.6	6,480	63.4	36.6	25.7
With children under 18 years of age .....	4,116	80.6	19.4	10.5	4,210	80.5	19.5	10.7
Relatives in families maintained by women .....	4,920	23.8	76.2	67.8	4,942	24.4	75.6	66.8
Men who maintain families .....	2,313	57.1	42.9	36.0	2,160	56.3	43.7	34.9
With children under 18 years of age .....	1,167	84.9	15.1	10.2	1,034	83.6	16.4	8.8
Relatives in families maintained by men .....	1,637	15.4	84.6	79.6	1,631	18.2	81.8	75.2
<b>White</b>								
Total employed in families <sup>1</sup> .....	82,863	21.4	78.6	68.8	81,641	21.8	78.2	67.9
Husbands .....	35,152	28.7	71.3	54.5	34,661	28.7	71.3	54.2
With children under 18 years of age .....	19,762	31.6	68.4	48.2	19,599	31.6	68.4	48.4
Wives .....	25,599	8.2	91.8	88.2	25,625	9.1	90.9	86.9
With children under 18 years of age .....	13,298	4.4	95.6	93.2	13,277	4.6	95.4	92.5
Relatives in married-couple families .....	10,922	6.7	93.3	90.0	10,224	6.8	93.2	89.7
Women who maintain families .....	4,466	61.3	38.7	27.7	4,535	61.1	38.9	27.0
With children under 18 years of age .....	2,866	80.3	19.7	10.5	2,892	79.4	20.6	10.6
Relatives in families maintained by women .....	3,513	23.5	76.5	68.2	3,565	24.5	75.5	66.6
Men who maintain families .....	1,869	55.2	44.8	37.4	1,736	55.0	45.0	35.5
With children under 18 years of age .....	933	83.5	16.5	11.0	832	82.7	17.3	9.0
Relatives in families maintained by men .....	1,342	13.8	86.2	81.7	1,294	17.1	82.9	77.1
<b>Black</b>								
Total employed in families <sup>1</sup> .....	9,140	29.4	70.6	63.4	9,066	30.8	69.2	61.7
Husbands .....	2,570	23.0	77.0	67.7	2,548	23.3	76.7	67.3
With children under 18 years of age .....	1,619	24.0	76.0	66.6	1,563	21.6	78.4	69.0
Wives .....	2,105	12.2	87.8	84.0	2,124	14.4	85.6	80.9
With children under 18 years of age .....	1,278	8.9	91.1	88.2	1,281	10.6	89.4	85.0
Relatives in married-couple families .....	1,007	8.1	91.9	87.5	887	10.0	90.0	85.1
Women who maintain families .....	1,690	68.5	31.5	22.4	1,752	69.9	30.1	21.5
With children under 18 years of age .....	1,144	81.5	18.5	10.3	1,203	83.2	16.8	10.5
Relatives in families maintained by women .....	1,215	26.0	74.0	65.0	1,191	25.2	74.8	66.1
Men who maintain families .....	344	67.0	33.0	27.9	325	64.7	35.3	29.5
With children under 18 years of age .....	188	91.5	8.5	6.2	162	87.7	12.3	8.0
Relatives in families maintained by men .....	207	25.4	74.6	66.2	239	27.4	72.6	61.4
<b>Hispanic origin</b>								
Total employed in families <sup>1</sup> .....	7,291	24.2	75.8	68.4	7,141	24.6	75.4	67.3
Husbands .....	2,687	33.7	66.3	54.4	2,610	33.3	66.7	54.0
With children under 18 years of age .....	1,958	36.6	63.4	50.7	1,903	35.8	64.2	51.3
Wives .....	1,662	10.4	89.6	86.1	1,689	10.2	89.8	85.6
With children under 18 years of age .....	1,119	7.6	92.4	88.9	1,139	7.9	92.1	88.3
Relatives in married-couple families .....	1,166	5.4	94.6	91.2	1,009	5.8	94.2	91.0
Women who maintain families .....	602	62.5	37.5	28.5	604	64.1	35.9	27.0
With children under 18 years of age .....	428	75.9	24.1	15.2	414	76.7	23.3	16.0
Relatives in families maintained by women .....	476	18.7	81.3	73.5	468	19.1	80.9	73.0
Men who maintain families .....	341	40.5	59.5	55.9	367	39.3	60.7	53.5
With children under 18 years of age .....	135	76.7	23.3	22.0	127	73.1	26.9	20.2
Relatives in families maintained by men .....	357	6.1	93.9	89.9	394	9.1	90.9	84.2

<sup>1</sup> 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	
	III 1990	III 1991	III 1990	III 1991
<b>TOTAL</b>				
Total families with earners <sup>1</sup> .....	43,950	43,670	\$659	\$671
Married-couple families .....	34,176	33,969	742	755
One earner .....	12,083	12,243	455	452
Husband .....	9,049	9,039	517	521
Wife .....	2,231	2,493	264	287
Other family member .....	804	711	283	283
Two or more earners .....	22,093	21,725	894	918
Husband and wife .....	19,535	19,197	909	938
Husband and other family member(s) .....	1,870	1,812	847	860
Wife and other family member(s) .....	517	574	560	592
Other family members only .....	171	142	548	690
Families maintained by women .....	7,476	7,603	371	383
One earner .....	5,053	5,172	293	301
Householder .....	3,996	4,047	297	309
Other family member .....	1,057	1,125	278	264
Two or more earners .....	2,423	2,431	601	645
Families maintained by men .....	2,298	2,098	511	509
One earner .....	1,424	1,255	405	405
Two or more earners .....	874	843	763	736
<b>White</b>				
Total families with earners <sup>1</sup> .....	37,266	36,975	690	699
Married-couple families .....	30,252	30,063	758	770
One earner .....	10,727	10,850	475	473
Husband .....	8,161	8,125	530	538
Wife .....	1,903	2,122	268	291
Two or more earners .....	19,524	19,213	906	932
Husband and wife .....	17,315	17,017	921	952
Families maintained by women .....	5,215	5,254	386	399
Families maintained by men .....	1,800	1,657	535	524
<b>Black</b>				
Total families with earners <sup>1</sup> .....	5,195	5,194	454	468
Married-couple families .....	2,771	2,776	586	594
One earner .....	944	980	296	316
Husband .....	586	594	325	345
Wife .....	260	310	234	255
Two or more earners .....	1,827	1,796	712	758
Husband and wife .....	1,596	1,586	724	783
Families maintained by women .....	2,029	2,083	324	330
Families maintained by men .....	395	335	389	404
<b>Hispanic origin</b>				
Total families with earners <sup>1</sup> .....	3,732	3,702	509	502
Married-couple families .....	2,622	2,600	584	566
One earner .....	1,000	1,057	315	336
Husband .....	768	829	348	371
Wife .....	172	164	231	214
Two or more earners .....	1,622	1,543	732	760
Husband and wife .....	1,244	1,232	742	775
Families maintained by women .....	725	706	332	329
Families maintained by men .....	385	395	486	463

<sup>1</sup> 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	
	III 1990	III 1991	III 1990	III 1991
Married-couple families <sup>1</sup> .....	2,564	3,014	\$508	\$515
Husband unemployed .....	709	890	290	327
Wife only earner .....	561	688	270	306
Wife and other earner(s) .....	97	154	( <sup>2</sup> )	596
Other earner(s) only .....	52	48	( <sup>2</sup> )	( <sup>2</sup> )
Wife unemployed .....	816	858	467	482
Husband only earner .....	816	858	467	482
Husband and other earner(s) .....	142	190	848	788
Other earner(s) only .....	14	26	( <sup>2</sup> )	( <sup>2</sup> )
Other member(s) unemployed .....	884	1,050	770	756
Husband or wife earner .....	343	402	558	569
Both husband and wife earners .....	514	613	989	933
Other combinations of earners .....	27	35	( <sup>2</sup> )	( <sup>2</sup> )
Families maintained by women <sup>1</sup> .....	626	690	330	330
Householder unemployed .....	96	97	( <sup>2</sup> )	( <sup>2</sup> )
Other member(s) unemployed .....	530	592	348	356
Families maintained by men <sup>1</sup> .....	169	231	492	345

<sup>1</sup> 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.

<sup>2</sup> Data not shown where base is less than 100,000.

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	III 1990	III 1991	III 1990	III 1991
<b>SEX AND AGE</b>				
Total, 16 years and over .....	87,142	85,050	\$408	\$423
Men, 16 years and over .....	50,200	49,007	480	491
16 to 24 years .....	7,228	6,507	279	283
25 years and over .....	42,972	42,500	512	521
Women, 16 years and over .....	36,942	36,042	342	364
16 to 24 years .....	5,639	4,921	248	262
25 years and over .....	31,302	31,121	369	387
<b>FAMILY RELATIONSHIP</b>				
Husbands .....	31,166	30,712	533	555
Wives .....	18,651	18,648	366	383
Women who maintain families .....	5,174	5,154	336	358
Men who maintain families .....	1,890	1,717	457	439
Other persons in families:				
Men .....	7,357	6,620	288	293
Women .....	5,124	4,449	263	278
All other men <sup>1</sup> .....	9,786	9,958	430	457
All other women <sup>1</sup> .....	7,993	7,791	365	388
<b>RACE, HISPANIC ORIGIN, AND SEX</b>				
White .....	74,418	72,355	419	442
Men .....	43,613	42,343	492	505
Women .....	30,804	30,013	350	371
Black .....	9,788	9,696	320	335
Men .....	4,969	4,963	348	351
Women .....	4,820	4,733	302	320
Hispanic origin .....	7,344	7,022	298	308
Men .....	4,549	4,376	317	322
Women .....	2,795	2,646	271	284

<sup>1</sup> 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-74. Median weekly earnings of part-time wage and salary workers by selected characteristics**

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	III 1990	III 1991	III 1990	III 1991
<b>SEX AND AGE</b>				
Total, 16 years and over .....	17,606	18,616	\$124	\$131
Men, 16 years and over .....	5,343	5,770	116	121
16 to 24 years .....	2,854	3,069	104	108
25 years and over .....	2,490	2,701	142	151
Women, 16 years and over .....	12,263	12,846	129	136
16 to 24 years .....	3,594	3,734	101	108
25 years and over .....	8,668	9,112	148	152
<b>FAMILY RELATIONSHIP</b>				
Husbands .....	1,479	1,590	144	156
Wives .....	6,535	6,677	149	157
Women who maintain families .....	947	1,047	136	139
Men who maintain families .....	125	108	135	146
Other persons in families:				
Men .....	2,767	3,059	103	106
Women .....	3,091	3,201	99	105
All other men <sup>1</sup> .....	973	1,014	139	155
All other women <sup>1</sup> .....	1,689	1,921	138	135
<b>RACE, HISPANIC ORIGIN, AND SEX</b>				
White .....	15,453	16,240	126	131
Men .....	4,467	4,901	115	121
Women .....	10,986	11,339	132	136
Black .....	1,641	1,792	111	128
Men .....	643	660	120	124
Women .....	998	1,131	107	129
Hispanic origin .....	1,185	1,301	126	129
Men .....	473	544	125	122
Women .....	712	757	127	133

<sup>1</sup> 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-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	
	III 1990	III 1991	III 1990	III 1991
<b>TOTAL</b>				
Managerial and professional specialty .....	22,678	22,756	\$608	\$628
Executive, administrative, and managerial .....	11,052	11,132	604	617
Professional specialty .....	11,627	11,624	610	642
Technical, sales, and administrative support .....	25,876	25,428	377	393
Technicians and related support .....	3,133	3,270	488	501
Sales occupations .....	8,317	8,163	399	420
Administrative support, including clerical .....	14,426	13,995	351	364
Service occupations .....	9,630	9,424	262	280
Private household .....	353	330	163	153
Protective service .....	1,837	1,989	475	473
Service, except private household and protective .....	7,440	7,105	243	260
Precision production, craft, and repair .....	11,502	10,836	477	482
Mechanics and repairers .....	3,935	3,758	472	495
Construction trades .....	3,935	3,610	481	480
Other precision production, craft, and repair .....	3,632	3,468	478	464
Operators, fabricators, and laborers .....	15,634	15,014	329	346
Machine operators, assemblers, and inspectors .....	7,740	7,296	318	334
Transportation and material moving occupations .....	4,001	3,988	407	427
Handlers, equipment cleaners, helpers, and laborers .....	3,892	3,730	290	301
Farming, forestry, and fishing .....	1,822	1,591	255	260
<b>Men</b>				
Managerial and professional specialty .....	12,103	12,118	723	747
Executive, administrative, and managerial .....	6,336	6,309	735	745
Professional specialty .....	5,768	5,809	713	749
Technical, sales, and administrative support .....	9,469	9,414	496	506
Technicians and related support .....	1,633	1,672	576	578
Sales occupations .....	4,720	4,673	506	519
Administrative support, including clerical .....	3,117	3,069	439	437
Service occupations .....	4,724	4,763	314	330
Private household .....	11	11	( <sup>1</sup> )	( <sup>1</sup> )
Protective service .....	1,580	1,710	482	483
Service, except private household and protective .....	3,133	3,042	268	284
Precision production, craft, and repair .....	10,610	9,998	488	492
Mechanics and repairers .....	3,797	3,625	471	495
Construction trades .....	3,898	3,554	482	481
Other precision production, craft, and repair .....	2,915	2,819	511	502
Operators, fabricators, and laborers .....	11,720	11,293	369	381
Machine operators, assemblers, and inspectors .....	4,670	4,418	385	385
Transportation and material moving occupations .....	3,775	3,743	413	435
Handlers, equipment cleaners, helpers, and laborers .....	3,276	3,132	298	311
Farming, forestry, and fishing .....	1,575	1,421	259	265
<b>Women</b>				
Managerial and professional specialty .....	10,575	10,638	509	533
Executive, administrative, and managerial .....	4,716	4,823	484	500
Professional specialty .....	5,859	5,815	533	574
Technical, sales, and administrative support .....	16,407	16,014	334	350
Technicians and related support .....	1,501	1,598	410	428
Sales occupations .....	3,598	3,490	297	300
Administrative support, including clerical .....	11,309	10,926	335	350
Service occupations .....	4,906	4,661	225	246
Private household .....	342	319	165	153
Protective service .....	258	279	428	413
Service, except private household and protective .....	4,307	4,063	224	246
Precision production, craft, and repair .....	892	837	323	324
Mechanics and repairers .....	138	133	487	501
Construction trades .....	37	56	( <sup>1</sup> )	( <sup>1</sup> )
Other precision production, craft, and repair .....	717	649	308	308
Operators, fabricators, and laborers .....	3,914	3,721	260	276
Machine operators, assemblers, and inspectors .....	3,070	2,878	258	275
Transportation and material moving occupations .....	227	245	316	360
Handlers, equipment cleaners, helpers, and laborers .....	617	598	254	257
Farming, forestry, and fishing .....	248	171	228	216

<sup>1</sup> 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					
	III 1990	III 1991	Total		Central cities		Suburbs	
			III 1990	III 1991	III 1990	III 1991	III 1990	III 1991
<b>TOTAL</b>								
Civilian noninstitutional population .....	188,266	189,978	146,187	148,074	57,486	57,716	88,701	90,358
Civilian labor force .....	125,897	126,276	99,290	99,912	37,440	37,557	61,849	62,355
Percent of population .....	66.9	66.5	67.9	67.5	65.1	65.1	69.7	69.0
Employed .....	119,030	117,982	93,872	93,299	34,895	34,558	58,978	58,741
Unemployed .....	6,867	8,295	5,417	6,613	2,546	2,999	2,872	3,614
Unemployment rate .....	5.5	6.6	5.5	6.6	6.8	8.0	4.6	5.8
Not in labor force .....	62,370	63,702	46,897	48,162	20,045	20,159	26,852	28,002
<b>Men, 20 years and over</b>								
Civilian noninstitutional population .....	82,864	83,943	64,405	65,415	24,875	25,161	39,530	40,254
Civilian labor force .....	64,737	65,156	51,063	51,563	19,030	19,243	32,034	32,320
Percent of population .....	78.1	77.6	79.3	78.8	76.5	76.5	81.0	80.3
Employed .....	61,821	61,346	48,732	48,493	17,859	17,805	30,873	30,687
Unemployed .....	2,916	3,810	2,332	3,070	1,171	1,437	1,161	1,633
Unemployment rate .....	4.5	5.8	4.6	6.0	6.2	7.5	3.6	5.1
Not in labor force .....	18,127	18,786	13,342	13,852	5,845	5,918	7,497	7,934
<b>Women, 20 years and over</b>								
Civilian noninstitutional population .....	91,678	92,724	71,332	72,463	28,680	28,660	42,651	43,803
Civilian labor force .....	53,050	53,544	42,118	42,602	16,358	16,327	25,760	26,275
Percent of population .....	57.9	57.7	59.0	58.8	57.0	57.0	60.4	60.0
Employed .....	50,308	50,395	39,962	40,116	15,368	15,203	24,593	24,912
Unemployed .....	2,742	3,149	2,156	2,486	990	1,123	1,166	1,363
Unemployment rate .....	5.2	5.9	5.1	5.8	6.1	6.9	4.5	5.2
Not in labor force .....	38,628	39,180	29,214	29,861	12,322	12,333	16,892	17,528
<b>Both sexes, 16 to 19 years</b>								
Civilian noninstitutional population .....	13,724	13,312	10,450	10,196	3,930	3,895	6,519	6,301
Civilian labor force .....	8,110	7,576	6,108	5,748	2,052	1,988	4,056	3,760
Percent of population .....	59.1	56.9	58.5	56.4	52.2	51.0	62.2	59.7
Employed .....	6,901	6,240	5,179	4,691	1,667	1,549	3,512	3,141
Unemployed .....	1,209	1,336	929	1,057	385	438	544	619
Unemployment rate .....	14.9	17.6	15.2	18.4	18.7	22.0	13.4	16.5
Not in labor force .....	5,614	5,735	4,342	4,448	1,878	1,908	2,463	2,541
<b>White</b>								
Civilian noninstitutional population .....	160,553	161,646	122,934	124,207	42,651	42,663	80,282	81,545
Civilian labor force .....	108,143	108,179	84,238	84,494	28,332	28,270	55,906	56,224
Percent of population .....	67.4	66.9	68.5	68.0	66.4	66.3	69.6	68.9
Employed .....	103,136	101,852	80,352	79,541	26,847	26,397	53,505	53,144
Unemployed .....	5,007	6,327	3,886	4,952	1,485	1,872	2,401	3,080
Unemployment rate .....	4.6	5.8	4.6	5.9	5.2	6.6	4.3	5.5
Not in labor force .....	52,410	53,467	38,696	39,714	14,319	14,393	24,377	25,321
<b>Black</b>								
Civilian noninstitutional population .....	21,339	21,656	17,702	17,971	11,986	12,158	5,716	5,814
Civilian labor force .....	13,603	13,739	11,408	11,554	7,335	7,471	4,073	4,083
Percent of population .....	63.7	63.4	64.4	64.3	61.2	61.5	71.3	70.2
Employed .....	12,017	12,073	10,094	10,140	6,400	6,473	3,694	3,668
Unemployed .....	1,586	1,666	1,314	1,414	935	999	379	415
Unemployment rate .....	11.7	12.1	11.5	12.2	12.7	13.4	9.3	10.2
Not in labor force .....	7,736	7,917	6,294	6,417	4,651	4,686	1,643	1,731
<b>Hispanic origin</b>								
Civilian noninstitutional population .....	14,356	14,829	13,414	13,966	7,665	7,839	5,750	6,127
Civilian labor force .....	9,767	9,943	9,113	9,383	4,966	5,094	4,146	4,289
Percent of population .....	68.0	67.1	67.9	67.2	64.8	65.0	72.1	70.0
Employed .....	8,984	8,941	8,400	8,430	4,566	4,571	3,834	3,859
Unemployed .....	783	1,002	712	953	401	523	312	430
Unemployment rate .....	8.0	10.1	7.8	10.2	8.1	10.3	7.5	10.0
Not in labor force .....	4,590	4,886	4,302	4,583	2,698	2,746	1,604	1,837

**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		III 1990	III 1991	III 1990	III 1991
	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991				
<b>TOTAL</b>										
Civilian noninstitutional population .....	42,079	41,904	2,549	2,751	39,530	39,154	137,143	138,390	51,124	51,589
Civilian labor force .....	26,607	26,364	1,821	1,984	24,786	24,380	91,772	92,093	34,124	34,183
Percent of population .....	63.2	62.9	71.4	72.1	62.7	62.3	66.9	66.5	66.7	66.3
Employed .....	25,158	24,683	1,791	1,940	23,366	22,743	86,500	85,715	32,530	32,267
Unemployed .....	1,450	1,681	30	44	1,420	1,637	5,273	6,378	1,594	1,916
Unemployment rate .....	5.4	6.4	1.7	2.2	5.7	6.7	5.7	6.9	4.7	5.6
Not in labor force .....	15,472	15,541	728	767	14,744	14,774	45,370	46,297	16,999	17,405
<b>Men, 20 years and over</b>										
Civilian noninstitutional population .....	18,459	18,528	1,231	1,337	17,228	17,190	59,771	60,457	23,093	23,485
Civilian labor force .....	13,674	13,593	1,034	1,131	12,640	12,463	46,793	47,077	17,944	18,079
Percent of population .....	74.1	73.4	84.0	84.6	73.4	72.5	78.3	77.9	77.7	77.0
Employed .....	13,090	12,854	1,026	1,113	12,064	11,741	44,493	44,146	17,328	17,200
Unemployed .....	584	740	8	18	576	722	2,300	2,931	616	879
Unemployment rate .....	4.3	5.4	.8	1.6	4.6	5.8	4.9	6.2	3.4	4.9
Not in labor force .....	4,785	4,934	197	207	4,588	4,728	12,978	13,380	5,149	5,406
<b>Women, 20 years and over</b>										
Civilian noninstitutional population .....	20,346	20,261	1,118	1,182	19,228	19,079	67,755	68,455	23,924	24,269
Civilian labor force .....	10,931	10,942	639	682	10,293	10,260	39,416	39,729	13,634	13,815
Percent of population .....	53.7	54.0	57.1	57.7	53.5	53.8	58.2	58.0	57.0	56.9
Employed .....	10,346	10,279	625	668	9,721	9,611	37,322	37,297	12,986	13,098
Unemployed .....	585	662	14	14	571	649	2,094	2,432	648	717
Unemployment rate .....	5.4	6.1	2.2	2.0	5.6	6.3	5.3	6.1	4.8	5.2
Not in labor force .....	9,415	9,319	479	501	8,936	8,819	28,339	28,726	10,290	10,454
<b>Both sexes, 16 to 19 years</b>										
Civilian noninstitutional population .....	3,274	3,115	201	231	3,074	2,885	9,617	9,477	4,107	3,834
Civilian labor force .....	2,002	1,829	148	171	1,854	1,658	5,564	5,287	2,546	2,290
Percent of population .....	61.1	58.7	74.0	74.1	60.3	57.5	57.9	55.8	62.0	59.7
Employed .....	1,722	1,550	140	159	1,581	1,391	4,685	4,271	2,216	1,969
Unemployed .....	280	279	8	13	272	266	879	1,016	330	320
Unemployment rate .....	14.0	15.3	5.5	7.3	14.7	16.1	15.8	19.2	13.0	14.0
Not in labor force .....	1,272	1,287	52	60	1,220	1,227	4,053	4,191	1,560	1,545
<b>White</b>										
Civilian noninstitutional population .....	37,619	37,439	2,479	2,693	35,140	34,746	113,155	113,975	47,398	47,671
Civilian labor force .....	23,905	23,686	1,778	1,948	22,128	21,738	76,391	76,468	31,753	31,711
Percent of population .....	63.5	63.3	71.7	72.3	63.0	62.6	67.5	67.1	67.0	66.5
Employed .....	22,784	22,311	1,750	1,906	21,034	20,404	72,748	71,825	30,388	30,027
Unemployed .....	1,121	1,375	28	41	1,093	1,333	3,643	4,642	1,364	1,684
Unemployment rate .....	4.7	5.8	1.6	2.1	4.9	6.1	4.8	6.1	4.3	5.3
Not in labor force .....	13,714	13,753	702	745	13,012	13,008	36,765	37,507	15,645	15,960
<b>Black</b>										
Civilian noninstitutional population .....	3,637	3,685	45	42	3,592	3,642	18,396	18,606	2,943	3,050
Civilian labor force .....	2,195	2,185	25	25	2,170	2,160	11,735	11,832	1,868	1,907
Percent of population .....	60.4	59.3	( <sup>1</sup> )	( <sup>1</sup> )	60.4	59.3	63.8	63.6	63.5	62.5
Employed .....	1,923	1,932	23	24	1,900	1,909	10,336	10,351	1,681	1,722
Unemployed .....	272	252	2	2	270	251	1,399	1,481	187	185
Unemployment rate .....	12.4	11.6	( <sup>1</sup> )	( <sup>1</sup> )	12.4	11.6	11.9	12.5	10.0	9.7
Not in labor force .....	1,442	1,500	20	17	1,422	1,483	6,661	6,774	1,075	1,143
<b>Hispanic origin</b>										
Civilian noninstitutional population .....	942	864	50	34	891	830	13,123	13,743	1,233	1,086
Civilian labor force .....	654	560	41	29	613	531	8,917	9,220	850	723
Percent of population .....	69.5	64.9	( <sup>1</sup> )	( <sup>1</sup> )	68.7	64.0	68.0	67.1	68.9	66.6
Employed .....	584	511	40	29	544	482	8,198	8,281	786	661
Unemployed .....	70	49	2	-	69	49	719	939	63	63
Unemployment rate .....	10.7	8.8	( <sup>1</sup> )	( <sup>1</sup> )	11.2	9.2	8.1	10.2	7.5	8.6
Not in labor force .....	288	303	9	5	279	298	4,206	4,523	384	363

<sup>1</sup> 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	
	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991	III 1990	III 1991
<b>TOTAL</b>												
Civilian noninstitutional population .....	27,325	26,897	160,942	163,081	17,599	17,299	128,588	130,775	9,726	9,598	32,354	32,306
Civilian labor force .....	15,687	15,463	110,210	110,813	10,006	9,849	89,284	90,063	5,681	5,614	20,926	20,750
Percent of population .....	57.4	57.5	68.5	67.9	56.9	56.9	69.4	68.9	58.4	58.5	64.7	64.2
Employed .....	14,109	13,740	104,921	104,241	8,850	8,569	85,022	84,730	5,259	5,172	19,899	19,511
Unemployed .....	1,578	1,723	5,289	6,572	1,156	1,281	4,261	5,333	422	442	1,027	1,239
Unemployment rate .....	10.1	11.1	4.8	5.9	11.5	13.0	4.8	5.9	7.4	7.9	4.9	6.0
Men, 20 years and over .....	8.5	10.0	3.9	5.3	10.4	12.1	3.9	5.3	5.3	6.6	4.0	5.1
Women, 20 years and over .....	9.5	9.8	4.6	5.3	10.2	10.9	4.5	5.3	8.1	7.7	4.6	5.6
Both sexes, 16 to 19 years .....	25.1	28.6	13.3	16.0	28.6	33.7	13.5	16.5	19.2	19.4	12.7	14.2
Men .....	24.5	30.0	13.7	16.0	30.2	36.2	14.1	16.4	16.1	20.3	12.4	14.7
Women .....	25.8	27.0	12.9	15.9	27.0	31.2	12.9	16.5	23.5	18.2	13.0	13.8
Not in labor force .....	11,638	11,434	50,732	52,268	7,593	7,449	39,304	40,712	4,045	3,985	11,427	11,556
<b>White</b>												
Civilian noninstitutional population .....	16,304	16,084	144,249	145,562	9,205	9,060	113,728	115,148	7,098	7,024	30,521	30,415
Civilian labor force .....	9,600	9,464	98,543	98,715	5,393	5,299	78,845	79,195	4,207	4,165	19,698	19,520
Percent of population .....	58.9	58.8	68.3	67.8	58.6	58.5	69.3	68.8	59.3	59.3	64.5	64.2
Employed .....	8,934	8,677	94,202	93,176	4,944	4,758	75,408	74,784	3,990	3,919	18,794	18,392
Unemployed .....	666	787	4,341	5,540	449	541	3,436	4,411	217	246	904	1,129
Unemployment rate .....	6.9	8.3	4.4	5.6	8.3	10.2	4.4	5.6	5.2	5.9	4.6	5.8
Men, 20 years and over .....	5.8	7.7	3.6	5.1	7.4	9.7	3.5	5.1	3.7	5.3	3.8	5.0
Women, 20 years and over .....	6.5	7.2	4.2	5.0	7.3	8.7	4.2	4.9	5.4	5.3	4.2	5.4
Both sexes, 16 to 19 years .....	18.6	20.7	12.1	14.6	22.0	24.7	12.3	15.0	14.5	15.5	11.7	13.4
Men .....	17.5	23.6	12.7	14.7	22.7	29.4	13.2	15.1	11.8	16.7	11.1	13.5
Women .....	20.1	17.3	11.5	14.4	21.3	19.6	11.2	14.8	18.6	13.9	12.2	13.2
Not in labor force .....	6,703	6,620	45,706	46,847	3,812	3,761	34,883	35,953	2,891	2,859	10,823	10,894
<b>Black</b>												
Civilian noninstitutional population .....	9,821	9,794	11,518	11,862	7,503	7,500	10,199	10,471	2,318	2,294	1,319	1,391
Civilian labor force .....	5,438	5,460	8,165	8,279	4,130	4,172	7,277	7,382	1,308	1,288	888	897
Percent of population .....	55.4	55.7	70.9	69.8	55.0	55.6	71.4	70.5	56.4	56.2	67.3	64.5
Employed .....	4,595	4,584	7,422	7,489	3,472	3,467	6,622	6,673	1,123	1,117	800	816
Unemployed .....	843	876	743	790	659	705	655	709	185	171	88	81
Unemployment rate .....	15.5	16.0	9.1	9.5	15.9	16.9	9.0	9.6	14.1	13.3	9.9	9.0
Men, 20 years and over .....	14.1	14.8	7.9	8.1	15.3	16.1	8.0	8.2	10.4	10.7	7.1	7.1
Women, 20 years and over .....	13.8	13.8	7.8	8.3	13.5	13.8	7.7	8.4	14.8	13.7	9.1	7.9
Both sexes, 16 to 19 years .....	35.2	40.3	27.5	31.1	36.6	44.2	26.5	31.1	31.2	28.2	( <sup>1</sup> )	( <sup>1</sup> )
Men .....	39.0	40.2	25.5	28.8	42.8	45.2	23.7	27.8	29.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women .....	31.4	40.3	29.8	33.9	31.0	43.3	29.8	35.2	33.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Not in labor force .....	4,383	4,334	3,353	3,583	3,373	3,329	2,922	3,089	1,010	1,006	432	494
<b>Hispanic origin</b>												
Civilian noninstitutional population .....	4,418	4,404	9,938	10,426	4,069	4,107	9,345	9,859	349	297	592	567
Civilian labor force .....	2,542	2,503	7,225	7,441	2,315	2,317	6,797	7,066	227	186	428	374
Percent of population .....	57.5	56.8	72.7	71.4	56.9	56.4	72.7	71.7	64.9	62.7	72.2	66.0
Employed .....	2,272	2,184	6,712	6,758	2,077	2,012	6,323	6,418	195	171	388	340
Unemployed .....	270	319	513	683	238	304	474	649	31	15	39	34
Unemployment rate .....	10.6	12.7	7.1	9.2	10.3	13.1	7.0	9.2	13.8	8.0	9.1	9.1
Men, 20 years and over .....	8.8	11.4	6.0	8.1	8.7	11.6	6.0	8.3	9.4	8.2	5.5	3.7
Women, 20 years and over .....	10.6	10.5	7.0	8.9	9.9	11.0	6.7	8.7	17.5	4.1	12.3	13.2
Both sexes, 16 to 19 years .....	22.9	31.3	16.2	19.8	23.2	32.3	15.7	19.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Men .....	23.2	34.3	15.7	20.6	24.9	35.8	15.1	20.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women .....	22.4	27.5	16.9	18.6	20.9	28.1	16.6	17.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Not in labor force .....	1,876	1,901	2,713	2,985	1,754	1,790	2,548	2,792	123	111	165	193

<sup>1</sup> 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  
HISTORICAL EMPLOYMENT**

**B-1. Employees on nonfarm payrolls by major industry, 1940 to date**

(In thousands)

Year and month	Total	Total private	Goods-producing				Service-producing						Government		
			Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Federal	State	Local
1940	32,361	28,159	13,221	925	1,311	10,985	19,140	3,038	1,841	4,909	1,485	3,665	996	( <sup>1</sup> )	( <sup>1</sup> )
1941	36,539	31,877	15,963	957	1,814	13,192	20,574	3,274	1,966	5,244	1,525	3,905	1,340	( <sup>1</sup> )	( <sup>1</sup> )
1942	40,106	34,624	18,470	992	2,198	15,280	21,636	3,460	1,912	5,206	1,509	4,066	2,213	( <sup>1</sup> )	( <sup>1</sup> )
1943	42,434	36,356	20,114	925	1,587	17,602	22,320	3,647	1,828	5,154	1,481	4,130	2,905	( <sup>1</sup> )	( <sup>1</sup> )
1944	41,864	35,822	19,328	892	1,108	17,328	22,536	3,829	1,851	5,208	1,461	4,145	2,928	( <sup>1</sup> )	( <sup>1</sup> )
1945	40,374	34,431	17,507	836	1,147	15,524	22,867	3,906	1,955	5,359	1,481	4,222	2,808	( <sup>1</sup> )	( <sup>1</sup> )
1946	41,652	36,056	17,248	862	1,683	14,703	24,404	4,061	2,298	6,077	1,675	4,697	2,254	( <sup>1</sup> )	( <sup>1</sup> )
1947	43,857	38,382	18,509	955	2,009	15,545	25,348	4,166	2,478	6,477	1,728	5,025	1,892	( <sup>1</sup> )	( <sup>1</sup> )
1948	44,866	39,216	18,774	994	2,198	15,582	26,092	4,189	2,612	6,659	1,800	5,181	1,863	( <sup>1</sup> )	( <sup>1</sup> )
1949	43,754	37,897	17,565	930	2,194	14,441	26,189	4,001	2,610	6,654	1,828	5,239	1,908	( <sup>1</sup> )	( <sup>1</sup> )
1950	45,197	39,170	18,506	901	2,364	15,241	26,691	4,034	2,643	6,743	1,888	5,356	1,928	( <sup>1</sup> )	( <sup>1</sup> )
1951	47,819	41,430	19,959	929	2,637	16,393	27,860	4,226	2,735	7,007	1,956	5,547	2,302	( <sup>1</sup> )	( <sup>1</sup> )
1952	48,793	42,185	20,198	898	2,668	16,632	28,595	4,248	2,821	7,184	2,035	5,699	2,420	( <sup>1</sup> )	( <sup>1</sup> )
1953	50,202	43,556	21,074	866	2,659	17,549	29,128	4,290	2,862	7,385	2,111	5,835	2,305	( <sup>1</sup> )	( <sup>1</sup> )
1954	48,990	42,238	19,751	791	2,646	16,314	29,239	4,084	2,875	7,360	2,200	5,969	2,188	( <sup>1</sup> )	( <sup>1</sup> )
1955	50,641	43,727	20,513	792	2,839	16,882	30,128	4,141	2,934	7,601	2,298	6,240	2,187	1,168	3,558
1956	52,369	45,091	21,104	822	3,039	17,243	31,266	4,244	3,027	7,831	2,389	6,497	2,209	1,250	3,819
1957	52,853	45,239	20,964	828	2,962	17,174	31,889	4,241	3,037	7,848	2,438	6,708	2,217	1,328	4,071
1958	51,324	43,483	19,513	751	2,817	15,945	31,811	3,976	2,989	7,761	2,481	6,765	2,191	1,415	4,232
1959 <sup>2</sup>	53,268	45,186	20,411	732	3,004	16,675	32,857	4,011	3,092	8,035	2,549	7,087	2,233	1,484	4,366
1960	54,189	45,836	20,434	712	2,926	16,796	33,755	4,004	3,153	8,238	2,628	7,378	2,270	1,536	4,547
1961	53,999	45,404	19,857	672	2,859	16,326	34,142	3,903	3,142	8,195	2,688	7,619	2,279	1,607	4,708
1962	55,549	46,660	20,451	650	2,948	16,853	35,098	3,906	3,207	8,359	2,754	7,982	2,340	1,668	4,881
1963	56,653	47,429	20,640	635	3,010	16,995	36,013	3,903	3,258	8,520	2,830	8,277	2,358	1,747	5,121
1964	58,283	48,686	21,005	634	3,097	17,274	37,278	3,951	3,347	8,812	2,911	8,660	2,348	1,856	5,392
1965	60,765	50,689	21,926	632	3,232	18,062	38,839	4,036	3,477	9,239	2,977	9,036	2,378	1,996	5,700
1966	63,901	53,116	23,158	627	3,317	19,214	40,743	4,158	3,608	9,637	3,058	9,498	2,564	2,141	6,080
1967	65,803	54,413	23,308	613	3,248	19,447	42,495	4,268	3,700	9,906	3,185	10,045	2,719	2,302	6,371
1968	67,897	56,058	23,737	606	3,350	19,781	44,160	4,318	3,791	10,308	3,337	10,567	2,737	2,442	6,660
1969	70,384	58,189	24,361	619	3,575	20,167	46,023	4,442	3,919	10,785	3,512	11,169	2,758	2,533	6,904
1970	70,880	58,325	23,578	623	3,588	19,367	47,302	4,515	4,006	11,034	3,645	11,548	2,731	2,664	7,158
1971	71,214	58,331	22,935	609	3,704	18,623	48,278	4,476	4,014	11,338	3,772	11,797	2,696	2,747	7,437
1972	73,675	60,341	23,668	628	3,889	19,151	50,007	4,541	4,127	11,822	3,908	12,276	2,684	2,859	7,790
1973	76,790	63,058	24,893	642	4,097	20,154	51,897	4,656	4,291	12,315	4,046	12,857	2,663	2,923	8,146
1974	78,265	64,095	24,794	697	4,020	20,077	53,471	4,725	4,447	12,539	4,148	13,441	2,724	3,039	8,407
1975	76,945	62,259	22,600	752	3,525	18,323	54,345	4,542	4,430	12,630	4,165	13,892	2,748	3,179	8,758
1976	79,382	64,511	23,352	779	3,576	18,997	56,033	4,582	4,562	13,193	4,271	14,551	2,733	3,273	8,865
1977	82,471	67,344	24,346	813	3,851	19,682	58,125	4,713	4,723	13,792	4,467	15,302	2,727	3,377	9,023
1978	86,697	71,026	25,585	851	4,229	20,505	61,113	4,923	4,985	14,556	4,724	16,252	2,753	3,474	9,446
1979	89,823	73,876	26,461	958	4,463	21,040	63,363	5,136	5,221	14,972	4,975	17,112	2,773	3,541	9,633
1980	90,406	74,166	25,658	1,027	4,346	20,285	64,748	5,146	5,292	15,018	5,160	17,890	2,866	3,610	9,765
1981	91,156	75,126	25,497	1,139	4,188	20,170	65,659	5,165	5,376	15,172	5,298	18,619	2,772	3,640	9,619
1982	89,566	73,729	23,813	1,128	3,905	18,781	65,753	5,082	5,296	15,161	5,341	19,036	2,739	3,640	9,458
1983	90,200	74,330	23,334	952	3,948	18,434	66,866	4,954	5,286	15,595	5,468	19,694	2,774	3,662	9,434
1984	94,496	78,472	24,727	966	4,383	19,378	69,769	5,159	5,574	16,526	5,689	20,797	2,807	3,734	9,482
1985	97,519	81,125	24,859	927	4,673	19,260	72,660	5,238	5,736	17,336	5,955	21,999	2,875	3,832	9,687
1986	99,525	82,832	24,558	777	4,816	19,665	74,967	5,255	5,774	17,909	6,283	23,053	2,899	3,893	9,901
1987	102,200	85,190	24,708	717	4,967	19,024	77,492	5,372	5,865	18,462	6,547	24,235	2,943	3,967	10,100
1988	105,536	88,150	25,173	713	5,110	19,350	80,363	5,527	6,055	19,077	6,649	25,669	2,971	4,076	10,339
1989	108,329	90,550	25,322	693	5,187	19,442	83,007	5,644	6,221	19,549	6,695	27,120	2,988	4,182	10,609
1990	109,971	91,649	24,958	711	5,136	19,111	85,014	5,826	6,205	19,683	6,739	28,240	3,085	4,303	10,934
Monthly data, seasonally adjusted															
1990:															
September	110,113	91,785	24,842	711	5,088	19,043	85,271	5,854	6,204	19,698	6,750	28,437	2,994	4,328	11,006
October	109,982	91,638	24,705	710	5,022	18,973	85,277	5,855	6,190	19,663	6,746	28,479	2,980	4,339	11,025
November	109,761	91,406	24,481	712	4,962	18,807	85,280	5,852	6,180	19,628	6,740	28,525	2,964	4,345	11,046
December	109,621	91,268	24,375	715	4,911	18,749	85,246	5,867	6,166	19,579	6,733	28,548	2,948	4,347	11,058
1991:															
January	109,418	91,053	24,181	713	4,797	18,671	85,237	5,866	6,138	19,542	6,736	28,590	2,952	4,352	11,061
February	109,160	90,771	24,039	715	4,792	18,532	85,121	5,834	6,119	19,464	6,732	28,583	2,951	4,354	11,084
March	108,902	90,495	23,877	714	4,720	18,443	85,025	5,824	6,105	19,378	6,735	28,576	2,951	4,359	11,097
April	108,736	90,312	23,794	710	4,688	18,396	84,942	5,814	6,086	19,324	6,718	28,576	2,953	4,352	11,119
May	108,887	90,447	23,847	706	4,715	18,426	85,040	5,819	6,085	19,339	6,712	28,645	2,952	4,348	11,140
June	108,885	90,429	23,792	704	4,710	18,378	85,093	5,809	6,068	19,345	6,703	28,712	2,971	4,359	11,126
July	108,859	90,439	23,798	701	4,695	18,402	85,061	5,809	6,064	19,347	6,688	28,733	2,963	4,338	11,119
August <sup>p</sup>	108,936	90,527	23,820	693	4,691	18,436	85,116	5,818	6,049	19,343	6,685	28,812	2,973	4,332	11,104
September <sup>p</sup>	108,960	90,578	23,783	684	4,685	18,414	85,177	5,819	6,047	19,357	6,684	28,888	2,981	4,326	11,075

<sup>1</sup> Not available.

<sup>2</sup> Data include Alaska and Hawaii beginning in 1959. This inclusion resulted in an increase of 212,000 (0.4 percent) in the nonfarm total for the March 1959 benchmark month.

<sup>p</sup> = preliminary.

NOTE: 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  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Total</b> .....		109,900	110,478	108,607	108,655	109,317	-	-	-	-	-
<b>Total private</b> .....		92,714	92,412	91,145	91,389	91,194	75,237	74,944	73,811	74,035	73,835
<b>Mining</b> .....		724	720	710	704	693	520	519	505	501	492
Metal mining .....	10	58.8	58.6	60.6	59.9	-	46.3	45.8	47.8	47.2	-
Iron ores .....	101	7.3	7.3	9.0	9.0	-	5.6	5.3	7.0	7.1	-
Copper ores .....	102	15.3	15.3	16.0	16.0	-	12.5	12.5	13.1	13.1	-
Coal mining .....	12	149.4	148.5	139.0	138.3	-	120.7	119.9	112.5	111.9	-
Bituminous coal and lignite mining .....	122	139.6	138.7	129.4	128.7	-	112.8	112.0	104.8	104.2	-
Oil and gas extraction .....	13	399.4	398.2	398.7	394.4	386.8	264.4	265.1	261.2	257.8	-
Crude petroleum and natural gas .....	131	193.8	191.5	194.3	193.5	-	94.2	93.7	97.0	97.1	-
Oil and gas field services .....	138	201.5	202.6	199.8	196.2	-	166.9	168.2	161.0	157.5	-
Nonmetallic minerals, except fuels .....	14	115.9	115.1	111.4	111.3	-	88.3	87.9	83.7	83.8	-
Crushed and broken stone .....	142	43.2	42.9	41.3	41.7	-	33.6	33.5	31.5	32.0	-
Sand and gravel .....	144	36.0	35.8	34.1	34.1	-	-	-	-	-	-
Chemical and fertilizer minerals .....	147	16.7	16.4	16.6	16.2	-	-	-	-	-	-
<b>Construction</b> .....		5,449	5,359	4,972	5,001	4,933	4,285	4,199	3,843	3,877	3,817
General building contractors .....	15	1,373.1	1,346.7	1,230.5	1,235.1	1,205.1	1,007.4	980.2	886.6	892.0	-
Residential building construction .....	152	681.2	664.5	616.0	614.8	-	484.2	466.6	429.4	428.9	-
Operative builders .....	153	39.5	38.1	32.1	32.5	-	16.9	15.9	13.0	13.4	-
Nonresidential building construction .....	154	652.4	644.1	582.4	587.8	-	506.3	497.7	444.2	449.7	-
Heavy construction, except building .....	16	834.1	833.3	758.0	768.9	-	705.7	705.4	634.4	646.1	-
Highway and street construction .....	161	291.6	288.4	271.2	272.6	-	249.2	245.7	228.7	230.6	-
Heavy construction, except highway .....	162	542.5	544.9	486.8	496.3	-	456.5	459.7	405.7	415.5	-
Special trade contractors .....	17	3,242.2	3,178.7	2,983.6	2,996.6	-	2,571.5	2,513.2	2,322.1	2,339.2	-
Plumbing, heating, and air conditioning .....	171	674.0	665.2	632.9	630.8	-	499.2	492.0	461.9	460.8	-
Painting and paper hanging .....	172	197.8	187.7	181.5	180.8	-	165.6	157.6	150.7	150.4	-
Electrical work .....	173	572.5	566.2	541.8	543.2	-	448.2	442.1	415.7	417.5	-
Masonry, stonework, and plastering .....	174	523.9	512.2	460.6	469.1	-	451.9	440.3	392.6	401.1	-
Carpentry and floor work .....	175	203.8	196.4	180.3	181.7	-	155.7	148.1	134.4	136.5	-
Roofing, siding, and sheet metal work .....	176	228.0	223.8	210.2	214.8	-	184.6	180.9	167.1	171.6	-
<b>Manufacturing</b> .....		19,223	19,198	18,362	18,547	18,566	13,069	13,071	12,384	12,571	12,605
<b>Durable goods</b> .....		11,119	11,103	10,511	10,564	10,588	7,373	7,379	6,922	6,983	7,019
Lumber and wood products .....	24	758.7	751.2	714.6	716.7	713.2	626.0	620.2	587.8	589.6	587.2
Logging .....	241	90.4	89.6	84.6	85.3	-	75.3	74.7	70.2	70.7	-
Sawmills and planing mills .....	242	203.1	200.6	192.9	193.2	-	177.0	174.9	167.0	167.6	-
Sawmills and planing mills, general .....	2421	164.0	161.8	156.3	155.7	-	142.6	140.6	135.0	134.7	-
Hardwood dimension and flooring mills .....	2426	36.0	35.8	33.7	34.7	-	31.8	31.7	29.6	30.6	-
Millwork, plywood, and structural members .....	243	269.9	266.3	252.1	251.7	-	217.5	214.8	202.3	202.0	-
Millwork .....	2431	109.4	108.4	104.7	105.0	-	85.6	84.6	81.7	81.9	-
Wood kitchen cabinets .....	2434	74.5	74.3	68.1	68.0	-	59.3	59.8	53.6	53.7	-
Hardwood veneer and plywood .....	2435	24.1	23.7	21.6	21.9	-	20.7	20.4	18.6	18.9	-
Softwood veneer and plywood .....	2436	33.1	32.4	31.7	30.9	-	29.7	29.0	28.3	27.6	-
Wood containers .....	244	46.4	46.2	44.6	44.7	-	39.3	39.2	37.8	37.6	-
Wood buildings and mobile homes .....	245	63.2	63.1	60.3	60.9	-	47.8	47.6	45.9	46.3	-
Mobile homes .....	2451	43.5	43.9	42.5	42.7	-	35.4	35.7	34.2	34.3	-
Miscellaneous wood products .....	249	85.7	85.4	80.1	80.9	-	69.1	69.0	64.6	65.4	-
Furniture and fixtures .....	25	509.7	509.8	468.5	480.0	483.4	402.3	402.8	366.2	377.5	380.9
Household furniture .....	251	288.4	289.6	263.0	272.1	-	240.2	241.4	217.4	225.6	-
Wood household furniture .....	2511	128.1	127.7	113.5	120.1	-	109.7	109.6	96.5	102.6	-
Upholstered household furniture .....	2512	97.1	97.1	90.1	92.5	-	81.1	81.0	74.4	76.6	-
Metal household furniture .....	2514	21.5	22.7	20.9	19.8	-	16.6	17.7	16.5	15.1	-
Mattresses and bedsprings .....	2515	28.9	29.0	27.9	28.3	-	22.1	22.2	21.4	21.8	-

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 <sup>1</sup>				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Durable goods—Continued</b>											
Furniture and fixtures—Continued											
Office furniture .....	252	69.5	69.2	62.7	62.6	-	52.0	51.7	46.0	46.3	-
Public building and related furniture .....	253	32.8	32.9	30.6	31.3	-	25.3	25.5	23.7	24.6	-
Partitions and fixtures .....	254	81.1	80.9	77.8	79.5	-	58.9	58.8	56.2	58.1	-
Miscellaneous furniture and fixtures .....	259	37.9	37.2	34.4	34.5	-	25.9	25.4	22.9	22.9	-
Stone, clay, and glass products .....	32	564.7	561.8	528.2	532.6	531.8	439.7	437.8	407.7	412.4	411.7
Flat glass .....	321	16.7	16.8	15.1	15.6	-	13.1	13.2	12.0	12.4	-
Glass and glassware, pressed or blown .....	322	82.3	82.4	78.5	81.3	-	70.7	71.0	67.4	70.2	-
Glass containers .....	3221	39.8	39.5	38.0	38.7	-	36.0	35.8	34.3	35.0	-
Pressed and blown glass, nec .....	3229	42.5	42.9	40.5	42.6	-	34.7	35.2	33.1	35.2	-
Products of purchased glass .....	323	61.2	61.4	56.3	57.6	-	46.6	47.0	42.2	43.3	-
Cement, hydraulic .....	324	18.5	18.1	18.8	18.4	-	14.3	13.9	14.4	14.1	-
Structural clay products .....	325	36.3	35.9	32.2	32.7	-	28.1	27.7	24.6	25.2	-
Pottery and related products .....	326	37.7	38.1	36.3	36.3	-	29.8	30.0	28.1	28.4	-
Concrete, gypsum, and plaster products .....	327	213.4	211.7	199.9	199.9	-	164.0	162.6	151.9	151.8	-
Concrete block and brick .....	3271	20.5	20.3	18.8	19.0	-	13.5	13.2	12.0	12.0	-
Concrete products, nec .....	3272	72.5	72.3	67.7	67.7	-	54.8	54.8	50.9	51.0	-
Ready-mixed concrete .....	3273	101.8	100.6	96.0	95.9	-	81.4	80.4	75.7	75.5	-
Misc. nonmetallic mineral products .....	329	82.5	81.3	76.9	76.4	-	61.0	60.2	56.9	56.6	-
Abrasive products .....	3291	21.4	21.1	20.3	20.3	-	15.2	15.0	14.9	15.0	-
Asbestos products .....	3292	6.8	6.7	6.0	6.0	-	5.1	5.1	4.6	4.5	-
Mineral wool .....	3296	23.9	23.6	22.4	22.3	-	-	-	-	-	-
Primary metal industries .....	33	757.4	756.5	715.5	723.8	723.6	574.2	575.1	537.5	545.6	546.8
Blast furnaces and basic steel products .....	331	277.0	275.2	260.8	261.5	261.9	212.3	211.1	198.2	198.8	199.6
Blast furnaces and steel mills .....	3312	208.8	207.4	196.4	196.6	-	161.6	160.8	150.8	150.8	-
Steel pipe and tubes .....	3317	25.8	25.6	24.7	24.7	-	19.0	18.9	18.0	18.0	-
Iron and steel foundries .....	332	132.4	133.1	124.4	126.7	-	105.1	106.0	97.9	100.0	-
Gray and ductile iron foundries .....	3321	80.6	80.6	74.7	76.7	-	65.5	65.6	60.1	61.8	-
Malleable iron foundries .....	3322	8.8	8.9	7.9	8.5	-	6.6	6.6	5.5	6.2	-
Steel foundries, nec .....	3325	27.5	28.0	26.0	26.2	-	21.3	21.9	20.2	20.3	-
Primary nonferrous metals .....	333	46.7	46.4	45.5	45.4	-	34.2	34.3	34.5	34.4	-
Primary aluminum .....	3334	26.2	26.3	26.1	26.0	-	19.8	20.1	20.8	20.8	-
Nonferrous rolling and drawing .....	335	172.3	172.9	164.6	168.1	-	124.1	125.1	116.2	119.6	-
Copper rolling and drawing .....	3351	23.0	23.1	21.5	22.2	-	17.5	17.8	16.3	16.8	-
Aluminum sheet, plate, and foil .....	3353	28.7	28.8	28.0	28.1	-	19.3	19.5	18.5	18.6	-
Nonferrous wire drawing and insulating .....	3357	71.9	72.6	68.6	70.9	-	52.4	53.2	49.0	51.1	-
Nonferrous foundries (castings) .....	336	83.2	83.8	79.2	80.6	-	65.2	65.8	61.3	63.0	-
Aluminum foundries .....	3365	24.4	24.9	23.1	23.5	-	19.2	19.7	17.8	18.3	-
Fabricated metal products .....	34	1,427.1	1,429.0	1,348.1	1,359.0	1,368.4	1,050.9	1,054.3	982.7	993.5	1,005.9
Metal cans and shipping containers .....	341	50.5	49.8	49.2	49.2	-	43.5	42.8	42.5	42.4	-
Metal cans .....	3411	41.3	40.4	40.3	40.3	-	36.0	35.2	35.3	35.1	-
Cutlery, handtools, and hardware .....	342	130.3	130.3	120.2	120.4	-	95.4	95.5	87.4	87.9	-
Hand and edge tools, and blades and handsaws .....	3423.5	44.8	44.7	41.2	41.6	-	32.7	32.6	29.8	30.2	-
Hardware, nec .....	3429	73.5	73.8	68.0	67.7	-	54.5	54.8	50.2	50.1	-
Plumbing and heating, except electric .....	343	60.6	60.5	55.3	57.7	-	43.8	43.7	39.0	41.2	-
Plumbing fixture fittings and trim .....	3432	26.3	25.8	24.3	24.8	-	19.7	19.3	18.4	18.8	-
Heating equipment, except electric .....	3433	20.5	20.9	18.6	19.5	-	13.8	14.1	11.8	12.9	-
Fabricated structural metal products .....	344	432.5	430.9	412.7	413.3	-	307.4	306.4	290.4	291.7	-
Fabricated structural metal .....	3441	79.3	79.9	72.9	72.7	-	56.9	57.5	51.9	52.0	-
Metal doors, sash, and trim .....	3442	79.0	78.1	75.7	75.4	-	57.8	56.9	54.2	54.1	-
Fabricated plate work (boiler shops) .....	3443	107.4	107.1	104.0	104.9	-	71.9	71.7	69.6	70.4	-
Sheet metal work .....	3444	96.0	95.7	94.4	94.6	-	72.3	72.2	70.9	71.5	-
Architectural metal work .....	3446	29.4	29.2	26.5	26.7	-	20.8	20.6	18.3	18.4	-
Screw machine products, bolts, etc .....	345	95.4	95.6	90.2	90.3	-	72.9	73.3	68.6	68.6	-
Screw machine products .....	3451	45.4	45.8	42.8	42.9	-	36.8	37.3	34.4	34.5	-
Bolts, nuts, rivets, and washers .....	3452	50.0	49.8	47.4	47.4	-	36.1	36.0	34.2	34.1	-
Metal forgings and stampings .....	346	227.7	230.7	210.9	214.6	-	180.2	183.7	165.1	168.1	-
Iron and steel forgings .....	3462	33.1	33.4	31.0	31.7	-	25.2	25.6	23.2	23.9	-
Automotive stampings .....	3465	102.7	105.4	94.6	94.4	-	85.6	88.4	78.9	78.4	-
Metal stampings, nec .....	3469	80.3	80.2	75.3	77.7	-	60.7	60.9	56.1	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 <sup>1</sup>				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Durable goods—Continued</b>											
Fabricated metal products—Continued											
Metal services, nec .....	347	120.3	120.7	112.8	115.8	-	93.8	94.0	86.3	89.2	-
Plating and polishing .....	3471	75.8	75.9	69.1	71.7	-	59.4	59.4	52.6	55.1	-
Metal coating and allied services .....	3479	44.5	44.8	43.7	44.1	-	34.4	34.6	33.7	34.1	-
Ordnance and accessories, nec .....	348	73.8	73.7	70.0	69.7	-	45.8	45.8	43.0	42.7	-
Ammunition, except for small arms, nec .....	3483	44.6	44.4	41.7	41.4	-	24.9	24.8	22.9	22.6	-
Miscellaneous fabricated metal products .....	349	236.0	236.8	226.8	228.0	-	168.1	169.1	160.4	161.7	-
Valves and pipe fittings, nec .....	3494	28.5	28.3	27.6	27.5	-	18.5	18.5	18.8	18.9	-
Misc. fabricated wire products .....	3496	53.1	52.8	50.1	50.4	-	39.8	39.5	37.2	37.5	-
Industrial machinery and equipment .....	35	2,081.3	2,071.6	1,978.1	1,970.9	1,972.6	1,246.8	1,242.0	1,170.0	1,168.6	1,171.7
Engines and turbines .....	351	89.6	89.8	85.9	86.8	-	58.1	58.7	53.0	54.4	-
Turbines and turbine generator sets .....	3511	27.0	27.1	28.3	29.2	-	15.6	16.0	16.0	17.2	-
Internal combustion engines, nec .....	3519	62.6	62.7	57.6	57.6	-	42.5	42.7	37.0	37.2	-
Farm and garden machinery .....	352	102.1	101.2	94.0	96.7	-	73.3	72.7	66.5	69.5	-
Farm machinery and equipment .....	3523	79.4	78.8	72.8	73.2	-	56.8	56.5	51.6	52.3	-
Construction and related machinery .....	353	227.1	227.8	214.5	209.9	-	139.3	139.8	128.4	124.8	-
Construction machinery .....	3531	84.7	85.4	76.4	72.9	-	51.7	52.2	45.6	42.4	-
Mining machinery .....	3532	18.3	18.1	16.3	15.9	-	11.4	11.3	9.5	9.1	-
Oil and gas field machinery .....	3533	42.8	43.0	44.5	43.9	-	26.4	26.8	27.9	27.4	-
Conveyors and conveying equipment .....	3535	33.7	33.8	33.3	32.5	-	18.9	18.8	18.2	18.0	-
Industrial trucks and tractors .....	3537	27.7	27.5	25.4	25.9	-	18.7	18.4	16.4	16.9	-
Metalworking machinery .....	354	328.6	328.2	308.9	307.8	-	234.5	235.3	216.7	216.4	-
Machine tools, metal cutting types .....	3541	46.0	45.4	42.4	42.6	-	29.4	29.0	26.4	26.5	-
Machine tools, metal forming types .....	3542	17.8	17.8	16.0	16.3	-	11.1	11.0	9.6	9.9	-
Special dies, tools, jigs, and fixtures .....	3544	147.2	147.6	139.7	139.1	-	113.9	114.9	106.0	105.6	-
Machine tool accessories .....	3545	55.0	55.2	51.0	50.3	-	38.7	39.0	35.5	35.1	-
Power driven handtools .....	3546	21.6	21.5	20.3	20.6	-	14.9	15.0	13.9	14.3	-
Special industry machinery .....	355	158.1	158.1	146.6	146.8	-	92.9	93.6	83.2	83.6	-
Textile machinery .....	3552	18.0	17.9	16.5	16.8	-	11.8	11.8	10.8	11.0	-
Printing trades machinery .....	3555	25.5	25.5	23.8	24.1	-	14.1	14.2	11.9	12.3	-
Food products machinery .....	3556	23.1	23.1	21.0	21.1	-	13.7	13.8	12.1	12.2	-
General industrial machinery .....	356	248.1	247.1	239.8	239.0	-	157.8	157.0	151.0	151.0	-
Pumps and pumping equipment .....	3561	31.6	31.6	31.0	30.9	-	18.1	18.1	17.5	17.4	-
Ball and roller bearings .....	3562	42.8	43.1	40.0	40.4	-	33.0	33.3	31.0	31.4	-
Air and gas compressors .....	3563	26.4	26.0	26.0	25.7	-	14.8	14.3	14.1	14.1	-
Blowers and fans .....	3564	32.5	32.3	31.7	31.7	-	22.0	21.7	21.4	21.5	-
Speed changers, drives, and gears .....	3566	16.3	16.4	15.4	15.3	-	11.4	11.5	10.7	10.5	-
Power transmission equipment, nec .....	3568	19.4	19.3	18.5	18.3	-	12.9	12.8	12.0	11.9	-
Computer and office equipment .....	357	435.7	434.1	421.7	418.1	-	135.8	134.9	138.4	135.8	-
Electronic computers .....	3571	277.6	277.2	264.7	262.9	-	70.6	70.0	69.0	67.2	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	64.8	64.2	64.5	64.1	-	20.4	20.3	26.4	26.3	-
Refrigeration and service machinery .....	358	176.3	170.9	168.2	167.0	-	123.8	119.3	116.8	115.5	-
Refrigeration and heating equipment .....	3585	121.2	116.0	117.2	114.9	-	88.2	83.8	85.1	82.6	-
Misc. industrial and commercial machinery .....	359	315.7	314.4	298.5	298.8	-	231.3	230.7	216.0	217.6	-
Carburetors, pistons, rings, valves .....	3592	23.0	22.9	21.3	21.5	-	18.6	18.7	17.3	17.6	-
Scales, balances, and industrial machinery, nec .....	3596,9	245.0	244.2	232.8	233.7	-	185.2	184.7	173.4	174.7	-
Electronic and other electrical equipment .....	36	1,667.6	1,660.2	1,582.7	1,587.7	1,584.3	1,049.8	1,046.1	995.3	1,001.9	1,001.9
Electric distribution equipment .....	361	96.3	96.3	92.3	91.7	-	67.3	67.0	63.5	63.1	-
Transformers, except electronic .....	3612	48.5	48.5	47.0	46.5	-	34.4	34.1	33.2	32.8	-
Switchgear and switchboard apparatus .....	3613	47.8	47.8	45.3	45.2	-	32.9	32.9	30.3	30.3	-
Electrical industrial apparatus .....	362	168.2	166.9	159.7	160.6	-	117.8	117.0	111.4	112.1	-
Motors and generators .....	3621	83.0	82.3	78.0	78.7	-	64.4	63.8	59.9	60.5	-
Relays and industrial controls .....	3625	65.1	64.6	62.7	63.0	-	39.6	39.5	38.6	38.8	-
Household appliances .....	363	125.0	123.7	122.3	123.4	-	100.1	98.9	97.7	98.5	-
Household refrigerators and freezers .....	3632	28.6	28.1	29.5	29.0	-	23.5	23.0	24.2	23.7	-
Household laundry equipment .....	3633	21.1	20.6	20.3	20.5	-	16.6	16.0	16.0	16.1	-
Electric housewares and fans .....	3634	32.0	32.0	32.1	33.6	-	24.6	24.7	24.9	26.1	-

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 <sup>1</sup>				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Durable goods—Continued</b>											
Electronic and other electrical equipment—Continued											
Electric lighting and wiring equipment .....	364	187.4	187.5	171.5	174.2	-	134.7	135.0	122.3	125.4	-
Electric lamps .....	3641	23.9	24.1	21.5	21.8	-	20.2	20.4	18.0	18.2	-
Current-carrying wiring devices .....	3643	72.5	72.1	67.6	68.2	-	47.5	47.2	44.0	44.9	-
Noncurrent-carrying wiring devices .....	3644	16.7	16.7	14.6	15.6	-	12.0	12.1	10.2	11.2	-
Residential lighting fixtures .....	3645	23.5	24.2	20.0	20.4	-	17.4	17.8	15.1	15.4	-
Household audio and video equipment .....	365	83.1	83.4	77.5	79.2	-	57.5	57.5	51.8	53.4	-
Household audio and video equipment .....	3651	61.7	62.1	58.5	59.9	-	40.7	40.9	37.5	38.8	-
Communications equipment .....	366	262.4	260.2	248.5	247.6	-	131.1	130.0	126.1	125.8	-
Telephone and telegraph apparatus .....	3661	127.6	126.1	122.2	121.7	-	68.3	66.9	66.8	66.5	-
Electronic components and accessories .....	367	579.0	575.0	551.8	547.5	-	326.7	325.3	314.8	310.9	-
Electron tubes .....	3671	31.5	31.5	28.2	27.7	-	20.7	20.7	18.8	18.3	-
Semiconductors and related devices .....	3674	238.5	236.4	231.5	229.8	-	92.7	92.4	93.5	92.2	-
Electronic components, nec .....	3679	139.8	138.2	132.9	132.5	-	87.7	86.9	85.7	85.3	-
Misc. electrical equipment and supplies .....	369	166.2	167.2	159.1	163.5	-	114.6	115.4	107.7	112.7	-
Storage batteries .....	3691	30.7	30.8	28.6	31.2	-	23.6	23.8	21.6	24.2	-
Engine electrical equipment .....	3694	69.3	69.7	67.3	67.9	-	52.5	52.8	50.4	51.2	-
Transportation equipment .....	37	1,972.3	1,983.2	1,847.5	1,856.9	1,873.5	1,212.2	1,227.3	1,145.9	1,155.2	1,171.4
Motor vehicles and equipment .....	371	807.6	822.0	778.4	788.1	804.1	611.6	626.9	596.8	605.5	619.3
Motor vehicles and car bodies .....	3711	323.1	332.2	314.5	319.4	-	232.4	241.8	232.6	236.4	-
Truck and bus bodies .....	3713	40.4	40.7	37.8	37.7	-	31.5	31.8	28.9	28.7	-
Motor vehicle parts and accessories .....	3714	397.6	404.6	382.6	386.3	-	312.1	319.7	301.9	305.7	-
Truck trailers .....	3715	27.2	27.0	24.2	24.9	-	21.2	21.0	18.6	19.4	-
Aircraft and parts .....	372	700.5	700.6	644.2	641.7	-	338.6	339.9	310.2	308.6	-
Aircraft .....	3721	373.7	371.4	340.4	340.1	-	161.5	159.7	144.5	144.1	-
Aircraft engines and engine parts .....	3724	149.1	151.0	139.8	137.9	-	74.8	76.9	71.0	69.9	-
Aircraft parts and equipment, nec .....	3728	177.7	178.2	164.0	163.7	-	102.3	103.3	94.7	94.6	-
Ship and boat building and repairing .....	373	187.6	186.4	172.6	176.2	-	141.4	141.0	133.2	136.1	-
Ship building and repairing .....	3731	131.8	131.8	125.0	128.0	-	95.9	96.2	94.3	96.6	-
Boat building and repairing .....	3732	55.8	54.6	47.6	48.2	-	45.5	44.8	38.9	39.5	-
Railroad equipment .....	374	33.6	33.8	31.0	30.4	-	25.2	24.9	22.6	22.1	-
Guided missiles, space vehicles, and parts .....	376	184.9	182.8	167.8	166.4	-	56.4	56.2	47.5	46.8	-
Guided missiles and space vehicles .....	3761	133.1	131.9	121.1	119.9	-	36.6	36.8	32.5	31.9	-
Miscellaneous transportation equipment .....	379	45.1	44.7	41.0	41.5	-	29.7	29.2	26.6	27.1	-
Travel trailers and campers .....	3792	17.1	16.6	15.7	16.1	-	13.4	12.8	12.3	12.7	-
Instruments and related products .....	38	1,000.8	996.9	968.1	967.9	966.3	495.2	494.1	471.9	473.0	472.1
Search and navigation equipment .....	381	281.2	279.8	259.8	258.7	-	91.5	90.7	81.1	80.8	-
Measuring and controlling devices .....	382	322.2	320.3	306.2	305.9	-	179.8	179.2	166.0	165.9	-
Environmental controls .....	3822	48.7	48.3	44.0	44.8	-	33.0	32.9	29.1	29.9	-
Process control instruments .....	3823	68.0	67.5	64.4	64.3	-	35.1	35.2	32.5	32.4	-
Instruments to measure electricity .....	3825	90.8	89.8	86.4	86.1	-	46.1	45.6	43.5	43.4	-
Medical instruments and supplies .....	384	244.9	245.3	251.5	254.0	-	143.5	144.1	145.7	147.7	-
Surgical and medical instruments .....	3841	100.3	100.5	104.5	105.1	-	58.5	58.8	62.0	62.6	-
Surgical appliances and supplies .....	3842	93.2	93.6	95.6	96.7	-	58.3	58.9	60.9	61.8	-
Ophthalmic goods .....	385	42.1	41.4	39.4	39.6	-	29.0	28.7	27.3	27.6	-
Photographic equipment and supplies .....	386	99.5	99.1	101.4	100.2	-	43.1	42.8	44.0	43.4	-
Watches, clocks, watchcases, and parts .....	387	10.9	11.0	9.8	9.5	-	8.3	8.6	7.8	7.6	-
Miscellaneous manufacturing industries .....	39	379.3	382.3	359.2	368.1	371.3	275.7	278.8	257.3	266.0	269.2
Jewelry, silverware, and plated ware .....	391	53.2	54.0	49.4	51.9	-	37.6	38.6	34.7	37.3	-
Jewelry, precious metal .....	3911	38.9	39.6	35.8	37.7	-	27.3	28.1	25.0	27.0	-
Musical instruments .....	393	12.5	12.6	11.7	11.9	-	10.2	10.2	9.5	9.8	-
Toys and sporting goods .....	394	104.0	105.5	102.4	103.4	-	76.1	78.0	73.9	74.9	-
Dolls, games, toys, and children's vehicles .....	3942.4	43.6	45.1	42.9	44.4	-	31.1	32.9	30.2	31.8	-
Sporting and athletic goods, nec .....	3949	60.4	60.4	59.5	59.0	-	45.0	45.1	43.7	43.1	-
Pens, pencils, office, and art supplies .....	395	33.5	33.4	32.0	31.9	-	23.3	23.3	22.7	22.4	-
Costume jewelry and notions .....	396	33.7	33.9	29.2	31.3	-	25.2	25.2	20.8	22.6	-
Costume jewelry .....	3961	21.7	21.9	17.7	19.6	-	16.0	16.0	12.1	13.8	-
Miscellaneous manufactures .....	399	142.4	142.9	134.5	137.7	-	103.3	103.5	95.7	99.0	-
Signs and advertising specialties .....	3993	57.2	56.9	53.0	53.3	-	40.3	39.9	36.3	36.6	-

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 <sup>1</sup>				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Nondurable goods</b> .....		8,104	8,095	7,851	7,983	7,978	5,696	5,692	5,462	5,588	5,586
Food and kindred products .....	20	1,749.0	1,752.5	1,698.2	1,762.2	1,759.6	1,276.4	1,281.2	1,229.6	1,290.6	1,289.1
Meat products .....	201	429.0	430.0	438.7	440.5	-	365.3	367.1	374.6	375.6	-
Meat packing plants .....	2011	138.5	139.8	142.3	143.0	-	116.8	118.6	121.8	122.0	-
Sausages and other prepared meats .....	2013	89.2	88.5	88.8	88.7	-	67.0	66.6	66.9	66.9	-
Poultry slaughtering and processing .....	2015	201.3	201.7	207.6	208.8	-	181.5	181.9	185.9	186.7	-
Dairy products .....	202	157.9	154.4	156.3	155.1	-	97.3	94.5	97.1	96.0	-
Cheese, natural and processed .....	2022	42.0	41.0	41.2	41.1	-	32.4	31.6	31.9	31.7	-
Fluid milk .....	2026	74.4	73.7	72.8	72.5	-	37.1	36.9	36.5	36.2	-
Preserved fruits and vegetables .....	203	314.5	315.8	260.7	316.9	-	271.9	272.5	220.2	273.2	-
Canned specialties .....	2032	23.1	24.0	20.7	22.3	-	18.5	19.5	17.0	18.4	-
Canned fruits and vegetables .....	2033	143.6	143.6	98.9	145.8	-	129.0	129.2	85.7	129.3	-
Frozen fruits and vegetables .....	2037	58.5	58.6	49.7	56.4	-	52.0	51.2	43.2	50.2	-
Grain mill products .....	204	127.3	128.5	125.7	128.0	-	88.3	89.4	87.9	90.5	-
Flour and other grain mill products .....	2041	21.9	22.3	21.8	22.3	-	13.8	14.3	14.4	14.7	-
Prepared feeds, nec .....	2048	44.2	44.5	43.5	43.6	-	28.0	28.3	27.6	27.7	-
Bakery products .....	205	211.3	213.4	211.2	211.3	-	132.9	134.5	133.2	133.5	-
Bread, cake, and related products .....	2051	153.7	154.0	151.7	151.5	-	88.5	88.5	87.4	87.6	-
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	57.6	59.4	59.5	59.8	-	44.4	46.0	45.8	45.9	-
Sugar and confectionery products .....	206	99.3	105.1	98.1	105.2	-	77.9	83.9	75.0	81.5	-
Raw cane sugar .....	2061	6.2	6.6	5.6	6.7	-	4.5	4.8	4.1	4.9	-
Cane sugar refining .....	2062	5.5	5.4	5.4	5.4	-	4.1	4.0	4.0	4.0	-
Beet sugar .....	2063	7.3	10.1	7.6	7.8	-	5.8	8.6	6.1	6.1	-
Candy and other confectionery products .....	2064	50.9	53.0	51.2	55.8	-	42.1	44.5	40.8	45.3	-
Fats and oils .....	207	30.4	30.8	30.9	31.1	-	21.5	21.8	20.6	20.6	-
Beverages .....	208	189.2	188.8	187.4	185.9	-	79.2	79.4	78.6	78.0	-
Malt beverages .....	2082	39.6	39.4	39.1	38.9	-	23.6	23.3	23.0	22.9	-
Bottled and canned soft drinks .....	2086	105.7	104.0	105.0	104.3	-	34.9	33.6	35.5	35.0	-
Misc. food and kindred products .....	209	190.1	185.7	189.2	188.2	-	142.1	138.1	142.4	141.7	-
Tobacco products .....	21	50.3	51.8	45.3	49.8	50.5	37.1	38.7	32.9	37.0	37.3
Cigarettes .....	211	35.4	35.2	35.6	34.9	-	26.1	26.0	26.6	25.7	-
Textile mill products .....	22	693.4	690.4	662.5	673.9	675.6	595.0	592.1	567.4	577.8	579.3
Broadwoven fabric mills, cotton .....	221	90.5	89.9	85.8	87.9	-	80.7	80.1	76.3	78.3	-
Broadwoven fabric mills, synthetics .....	222	76.8	76.8	73.2	73.9	-	67.3	67.3	64.5	64.8	-
Broadwoven fabric mills, wool .....	223	17.7	17.7	17.2	17.5	-	14.3	14.2	14.1	14.4	-
Narrow fabric mills .....	224	23.9	24.2	23.3	24.4	-	20.2	20.5	19.6	20.5	-
Knitting mills .....	225	208.1	206.6	200.8	203.4	-	181.7	180.3	175.1	177.4	-
Women's hosiery, except socks .....	2251	32.6	31.9	31.2	31.4	-	29.1	28.5	27.9	28.0	-
Hosiery, nec .....	2252	39.5	38.8	38.8	39.6	-	35.2	34.6	34.4	35.2	-
Knit outerwear mills .....	2253	60.1	59.6	55.2	56.3	-	52.7	52.2	48.7	49.8	-
Knit underwear mills .....	2254	28.9	29.1	28.9	28.7	-	24.6	24.8	25.0	24.8	-
Weft knit fabric mills .....	2257	26.4	26.4	26.4	26.6	-	23.2	23.2	22.6	22.7	-
Textile finishing, except wool .....	226	61.2	61.3	60.8	61.8	-	49.6	49.7	49.4	50.6	-
Finishing plants, cotton .....	2261	24.6	24.6	24.2	24.6	-	19.7	19.8	19.4	19.9	-
Finishing plants, synthetics .....	2262	23.8	23.9	24.2	24.6	-	19.1	19.1	19.5	20.0	-
Carpets and rugs .....	227	62.5	61.6	59.0	59.5	-	51.2	50.7	47.9	48.4	-
Yarn and thread mills .....	228	101.1	100.6	92.8	94.6	-	90.5	89.8	82.6	84.3	-
Yarn spinning mills .....	2281	79.4	79.4	73.0	73.8	-	71.3	71.2	65.3	66.1	-
Throwing and winding mills .....	2282	14.6	14.2	13.7	14.0	-	12.9	12.4	11.9	12.2	-
Miscellaneous textile goods .....	229	51.6	51.7	49.6	50.9	-	39.5	39.5	37.9	39.1	-
Apparel and other textile products .....	23	1,040.4	1,045.5	1,002.2	1,032.0	1,036.9	871.3	875.5	837.1	864.1	867.6
Men's and boys' suits and coats .....	231	50.2	50.7	47.7	48.5	-	42.4	42.5	39.9	40.5	-
Men's and boys' furnishings .....	232	270.8	271.9	267.7	275.5	-	231.6	232.7	229.0	236.5	-
Men's and boys' shirts .....	2321	64.8	63.7	63.6	64.7	-	54.9	53.9	54.3	55.6	-
Men's and boys' trousers and slacks .....	2325	78.9	80.9	80.3	84.5	-	68.0	70.0	69.5	73.3	-
Men's and boys' work clothing .....	2326	44.2	43.8	43.0	43.6	-	38.2	37.9	37.1	37.7	-
Women's and misses' outerwear .....	233	332.9	334.7	316.9	327.0	-	279.2	280.5	264.8	273.6	-
Women's and misses' blouses and shirts .....	2331	39.3	39.1	37.0	37.6	-	32.2	32.0	30.5	30.9	-
Women's, juniors', and misses' dresses .....	2335	69.4	69.7	61.8	65.4	-	57.4	57.4	50.3	53.4	-
Women's and misses' suits and coats .....	2337	38.6	38.9	39.5	40.1	-	32.4	32.7	33.8	34.2	-
Women's and misses' outerwear, nec .....	2339	185.6	187.0	178.6	183.9	-	157.2	158.4	150.2	155.1	-

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 <sup>1</sup>				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Apparel and other textile products—Continued											
Women's and children's undergarments .....	234	61.8	62.4	60.4	61.9	-	50.7	51.1	49.2	50.5	-
Women's and children's underwear .....	2341	50.2	50.6	49.4	50.5	-	43.0	43.2	41.8	42.6	-
Brassieres, girdles, and allied garments .....	2342	11.6	11.8	11.0	11.4	-	7.7	7.9	7.4	7.9	-
Girls' and children's outerwear .....	236	56.9	56.5	56.0	56.4	-	47.6	47.4	47.6	48.0	-
Girls' and children's dresses and blouses .....	2361	23.7	23.6	22.7	23.0	-	20.4	20.4	20.0	20.4	-
Misc. apparel and accessories .....	238	45.1	44.7	39.8	43.7	-	36.8	36.7	32.2	36.0	-
Misc. fabricated textile products .....	239	204.9	206.5	196.4	201.7	-	168.4	169.8	160.2	164.8	-
Curtains and draperies .....	2391	24.0	24.0	21.6	22.4	-	19.8	19.7	17.7	18.4	-
House furnishings, nec .....	2392	55.1	56.0	53.0	55.1	-	45.8	46.4	44.2	46.2	-
Automotive and apparel trimmings .....	2396	48.5	49.1	47.6	49.0	-	39.6	40.6	38.7	40.1	-
Paper and allied products .....	26	706.6	701.8	693.5	697.4	694.1	530.2	526.7	521.5	525.9	523.3
Paper mills .....	262	181.6	179.1	180.0	179.8	-	137.3	135.3	137.1	137.0	-
Paperboard mills .....	263	52.9	52.0	50.9	50.5	-	40.5	39.9	39.4	39.1	-
Paperboard containers and boxes .....	265	210.8	210.9	206.9	209.2	-	162.7	163.1	160.0	162.8	-
Corrugated and solid fiber boxes .....	2653	118.0	117.9	117.2	118.0	-	88.4	88.5	87.8	88.8	-
Sanitary food containers .....	2656	16.0	16.1	16.2	16.2	-	13.4	13.5	13.8	13.9	-
Folding paperboard boxes .....	2657	50.7	50.8	49.5	50.2	-	40.6	40.9	40.0	40.8	-
Misc. converted paper products .....	267	247.0	245.9	241.6	243.9	-	178.6	177.7	174.0	176.2	-
Paper, coated and laminated, nec .....	2672	46.5	46.0	45.9	46.4	-	22.7	22.3	22.4	23.0	-
Bags: plastics, laminated, and coated .....	2673	35.5	35.6	35.5	35.9	-	26.6	26.8	26.4	26.7	-
Envelopes .....	2677	26.2	26.5	25.1	25.5	-	20.3	20.6	19.3	19.7	-
Printing and publishing .....	27	1,572.8	1,568.1	1,529.0	1,527.1	1,523.8	872.0	867.8	839.8	839.3	837.3
Newspapers .....	271	477.5	477.2	460.4	458.7	-	165.8	166.1	159.1	158.8	-
Periodicals .....	272	128.7	129.0	125.4	125.3	-	47.5	47.8	44.1	43.9	-
Books .....	273	120.4	118.7	120.1	118.0	-	64.8	62.6	65.1	63.2	-
Book publishing .....	2731	84.6	83.3	83.7	82.4	-	35.8	33.8	35.5	34.5	-
Book printing .....	2732	35.8	35.4	36.4	35.6	-	29.0	28.8	29.6	28.7	-
Miscellaneous publishing .....	274	82.1	81.7	82.0	81.7	-	41.6	41.6	40.2	40.0	-
Commercial printing .....	275	551.9	550.1	535.3	536.7	-	401.4	400.2	385.9	387.4	-
Commercial printing, lithographic .....	2752	367.0	365.2	356.4	356.6	-	267.4	265.5	256.4	256.8	-
Commercial printing, nec .....	2759	167.5	167.2	161.5	162.5	-	120.2	120.5	115.5	116.4	-
Manifold business forms .....	276	50.1	50.0	48.1	48.2	-	34.6	34.7	33.5	33.5	-
Blankbooks and bookbinding .....	278	72.3	71.4	69.1	70.0	-	56.0	55.1	52.7	53.4	-
Printing trade services .....	279	63.8	63.7	61.8	61.6	-	46.3	46.3	44.7	44.5	-
Chemicals and allied products .....	28	1,102.1	1,097.2	1,091.2	1,095.4	1,090.5	606.2	602.5	583.4	587.1	583.7
Industrial inorganic chemicals .....	281	143.6	142.2	137.8	138.5	-	72.2	71.7	66.4	66.3	-
Industrial inorganic chemicals, nec .....	2819	96.4	95.5	92.4	92.5	-	50.0	49.7	45.9	45.9	-
Plastics materials and synthetics .....	282	181.2	179.9	179.3	178.8	-	116.7	114.8	110.4	110.3	-
Plastics materials and resins .....	2821	86.7	85.9	86.6	86.0	-	51.2	50.4	50.7	50.5	-
Organic fibers, noncellulosic .....	2824	64.2	63.8	62.0	62.2	-	44.4	43.7	39.8	40.1	-
Drugs .....	283	239.7	238.2	249.1	249.7	-	105.6	105.2	108.2	108.6	-
Pharmaceutical preparations .....	2834	199.1	197.8	205.2	205.6	-	89.1	88.6	91.5	92.2	-
Soap, cleaners, and toilet goods .....	284	162.4	163.0	155.0	158.4	-	100.4	100.6	94.4	97.7	-
Soap and other detergents .....	2841	43.2	43.2	43.7	43.8	-	28.1	27.9	27.9	27.9	-
Polishing, sanitation, and finishing preparations .....	2842,3	46.0	46.1	46.0	46.3	-	24.9	24.9	25.2	25.4	-
Toilet preparations .....	2844	73.2	73.7	65.3	68.3	-	47.4	47.8	41.3	44.4	-
Paints and allied products .....	285	63.1	62.3	60.0	60.2	-	32.2	31.8	30.9	31.2	-
Industrial organic chemicals .....	286	155.7	155.2	155.3	154.9	-	86.1	85.3	80.6	80.2	-
Cyclic crudes and intermediates .....	2865	27.8	27.8	28.2	28.4	-	16.8	16.7	16.2	16.4	-
Industrial organic chemicals, nec .....	2869	123.7	123.3	123.1	122.5	-	66.4	65.8	61.7	61.1	-
Agricultural chemicals .....	287	55.7	55.5	56.4	56.1	-	33.9	33.5	34.2	33.9	-
Miscellaneous chemical products .....	289	100.7	100.9	98.3	98.8	-	59.1	59.6	58.3	58.9	-
Petroleum and coal products .....	29	161.9	160.3	162.8	162.9	160.8	106.4	105.2	105.9	105.9	103.8
Petroleum refining .....	291	119.6	118.2	122.1	122.2	-	76.2	75.1	77.4	77.3	-
Asphalt paving and roofing materials .....	295	29.5	29.3	27.6	27.8	-	22.8	22.7	21.3	21.5	-
Rubber and misc. plastics products .....	30	894.3	895.1	848.8	860.4	864.7	692.0	694.0	649.7	661.3	665.6
Tires and inner tubes .....	301	86.2	87.0	82.9	83.3	-	63.1	63.9	60.8	61.1	-
Rubber and plastics footwear .....	302	11.2	11.3	10.1	11.4	-	9.0	9.1	7.8	9.2	-
Hose, belting, gaskets, and packing .....	305	61.3	60.8	57.4	57.8	-	44.1	43.8	41.7	42.1	-
Rubber and plastics hose and belting .....	3052	24.7	24.2	22.6	22.9	-	18.3	18.0	17.0	17.2	-
Fabricated rubber products, nec .....	306	105.0	105.2	93.1	95.5	-	79.1	79.2	69.0	71.6	-
Miscellaneous plastics products, nec .....	308	630.6	630.8	605.3	612.4	-	496.7	498.0	470.4	477.3	-

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 <sup>1</sup>				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Leather and leather products .....	31	133.2	132.2	117.2	121.8	121.2	109.4	108.4	94.8	99.3	98.8
Leather tanning and finishing .....	311	14.4	14.4	13.2	13.8	-	11.8	11.9	10.7	11.5	-
Footwear, except rubber .....	314	74.8	74.1	65.5	68.0	-	63.3	62.4	55.0	57.1	-
Men's footwear, except athletic .....	3143	32.8	32.4	28.7	28.8	-	26.6	26.3	23.3	23.3	-
Women's footwear, except athletic .....	3144	27.7	27.3	24.9	25.4	-	24.1	23.3	21.2	21.7	-
Luggage .....	316	10.5	10.2	8.9	9.1	-	7.3	7.1	5.7	6.0	-
Handbags and personal leather goods .....	317	14.8	14.8	13.0	13.8	-	11.8	11.9	9.8	10.7	-
<b>Transportation and public utilities .....</b>		<b>5,841</b>	<b>5,901</b>	<b>5,811</b>	<b>5,820</b>	<b>5,867</b>	<b>4,838</b>	<b>4,897</b>	<b>4,829</b>	<b>4,841</b>	<b>4,890</b>
Transportation .....		3,550	3,626	3,532	3,545	3,611	-	-	-	-	-
Railroad transportation .....	40	282.2	281.6	272.4	271.9	-	-	-	-	-	-
Class I railroads <sup>a</sup> .....	4011	243.4	242.9	233.8	233.4	-	-	-	-	-	-
Local and interurban passenger transit .....	41	283.8	357.7	296.5	297.7	-	255.5	327.7	267.9	269.5	-
Local and suburban transportation .....	411	139.1	140.1	144.8	145.2	-	126.5	127.2	131.6	132.0	-
Taxicabs .....	412	31.7	32.2	31.1	31.0	-	-	-	-	-	-
Intercity and rural bus transportation .....	413	24.1	24.1	23.7	24.0	-	20.9	21.1	21.1	21.4	-
School buses .....	415	60.3	131.2	66.8	67.2	-	-	-	-	-	-
Trucking and warehousing .....	42	1,659.6	1,665.5	1,651.4	1,665.1	-	1,445.9	1,451.5	1,438.6	1,452.2	-
Trucking and courier services, except air .....	421	1,538.5	1,539.9	1,533.5	1,544.6	-	1,345.8	1,347.6	1,341.1	1,352.1	-
Public warehousing and storage .....	422	117.1	121.8	114.1	116.6	-	96.7	100.7	94.2	96.7	-
Water transportation .....	44	180.1	178.8	183.4	183.3	-	-	-	-	-	-
Water transportation of freight, nec .....	444	15.5	15.5	15.1	15.0	-	-	-	-	-	-
Water transportation services .....	449	110.1	110.6	114.0	113.3	-	97.3	99.3	100.9	100.3	-
Transportation by air .....	45	770.9	769.8	757.0	755.8	-	-	-	-	-	-
Air transportation, scheduled .....	451	641.1	641.0	626.8	626.2	-	-	-	-	-	-
Airports, flying fields, and services .....	458	100.9	101.0	100.9	100.0	-	-	-	-	-	-
Pipelines, except natural gas .....	46	19.2	18.6	19.7	19.5	-	14.1	13.7	14.6	14.5	-
Transportation services .....	47	353.7	353.7	351.1	351.8	-	-	-	-	-	-
Passenger transportation arrangement .....	472	195.1	194.1	190.7	191.4	-	156.2	153.6	147.7	148.3	-
Travel agencies .....	4724	154.4	154.1	151.0	152.2	-	122.9	120.7	116.2	117.3	-
Freight transportation arrangement .....	473	131.0	131.8	132.9	133.1	-	106.3	107.2	104.0	104.2	-
Communications and public utilities .....		2,291	2,275	2,279	2,275	2,256	-	-	-	-	-
Communications .....	48	1,314.8	1,310.0	1,295.6	1,293.4	-	979.0	974.9	984.9	983.9	-
Telephone communications .....	481	912.8	908.0	895.0	891.5	-	654.0	649.6	658.8	656.5	-
Radio and television broadcasting .....	483	236.4	236.4	231.9	232.0	-	195.5	195.5	192.6	192.4	-
Radio broadcasting stations .....	4832	120.2	120.0	118.2	118.4	-	-	-	-	-	-
Television broadcasting stations .....	4833	116.2	116.4	113.7	113.6	-	-	-	-	-	-
Cable and other pay television services .....	484	129.1	129.2	132.6	133.5	-	107.3	107.6	111.6	112.7	-
Electric, gas, and sanitary services .....	49	976.2	965.4	983.1	981.3	-	776.1	764.2	777.6	776.7	-
Electric services .....	491	461.3	456.3	459.2	459.0	-	357.7	351.8	355.7	356.0	-
Gas production and distribution .....	492	167.5	164.9	168.1	167.7	-	131.7	128.8	131.8	131.3	-
Combination utility services .....	493	195.8	193.5	194.3	193.4	-	158.5	156.4	153.2	152.7	-
Sanitary services .....	495	120.5	120.1	129.4	129.3	-	103.8	103.4	111.5	111.5	-
<b>Wholesale trade .....</b>		<b>6,247</b>	<b>6,220</b>	<b>6,103</b>	<b>6,084</b>	<b>6,065</b>	<b>5,028</b>	<b>4,999</b>	<b>4,900</b>	<b>4,881</b>	<b>4,864</b>
Durable goods .....	50	3,647	3,622	3,530	3,517	3,492	2,906	2,880	2,800	2,788	-
Motor vehicles, parts, and supplies .....	501	462.7	459.6	454.8	453.4	-	373.7	370.6	365.9	364.9	-
Automobiles and other motor vehicles .....	5012	119.8	119.6	120.0	119.7	-	-	-	-	-	-
Motor vehicle supplies and new parts .....	5013	270.9	269.2	265.8	264.4	-	-	-	-	-	-
Furniture and home furnishings .....	502	151.3	150.6	142.0	141.7	-	122.4	121.3	112.8	112.7	-
Furniture .....	5021	70.0	69.4	65.2	65.1	-	-	-	-	-	-
Home furnishings .....	5023	81.3	81.2	76.8	76.6	-	-	-	-	-	-
Lumber and other construction materials .....	503	238.3	235.4	228.0	228.2	-	194.1	191.4	185.4	185.7	-
Lumber, plywood, and millwork .....	5031	122.9	121.0	118.0	118.0	-	-	-	-	-	-
Construction materials, nec .....	5039	44.4	44.2	43.2	43.2	-	-	-	-	-	-

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 <sup>1</sup>				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Wholesale trade—Continued</b>											
Durable goods—Continued											
Professional and commercial equipment .....	504	772.7	769.5	757.1	751.7	-	622.1	619.4	610.2	605.5	-
Computers, peripherals and software .....	5045	299.0	298.0	285.6	279.9	-	-	-	-	-	-
Metals and minerals, except petroleum .....	505	140.8	140.2	132.7	132.9	-	111.8	111.0	104.5	104.8	-
Electrical goods .....	506	497.8	496.1	489.3	486.5	-	377.5	375.1	367.5	364.9	-
Electrical apparatus and equipment .....	5063	205.4	204.2	200.9	200.0	-	-	-	-	-	-
Electrical appliances, television and radio sets .....	5064	62.0	62.5	60.6	59.9	-	-	-	-	-	-
Electronic parts and equipment .....	5065	230.4	229.4	227.8	226.6	-	-	-	-	-	-
Hardware, plumbing, and heating equipment .....	507	282.5	279.1	266.7	264.8	-	227.6	224.9	213.5	211.7	-
Hardware .....	5072	97.6	96.6	90.9	90.1	-	-	-	-	-	-
Plumbing and hydronic heating supplies .....	5074	117.4	116.4	110.9	110.2	-	-	-	-	-	-
Machinery, equipment, and supplies .....	508	808.5	801.9	782.6	778.1	-	643.9	636.4	620.0	615.4	-
Construction and mining machinery .....	5082	86.1	84.7	78.8	78.1	-	-	-	-	-	-
Farm and garden machinery .....	5083	121.2	119.3	118.9	117.9	-	-	-	-	-	-
Industrial machinery and equipment .....	5084	330.6	329.5	319.9	318.2	-	-	-	-	-	-
Industrial supplies .....	5085	147.0	146.1	144.4	143.8	-	-	-	-	-	-
Misc. wholesale trade durable goods .....	509	292.6	289.1	277.1	279.2	-	232.9	230.0	220.2	222.8	-
Scrap and waste materials .....	5093	109.8	108.4	102.9	103.1	-	-	-	-	-	-
Nondurable goods .....	51	2,600	2,598	2,573	2,567	2,573	2,122	2,119	2,100	2,093	-
Paper and paper products .....	511	242.1	240.0	236.7	236.1	-	195.3	193.6	191.7	190.6	-
Drugs, proprietaries, and sundries .....	512	188.8	187.8	187.4	188.4	-	158.5	158.0	157.3	158.6	-
Apparel, piece goods, and notions .....	513	209.0	208.3	203.0	204.3	-	165.2	164.8	159.8	161.2	-
Groceries and related products .....	514	861.8	864.4	848.0	844.1	-	726.4	727.5	710.9	706.6	-
Groceries, general line .....	5141	272.8	275.2	273.6	271.7	-	-	-	-	-	-
Meats and meat products .....	5147	61.7	61.1	60.6	60.9	-	-	-	-	-	-
Fresh fruits and vegetables .....	5148	108.0	111.4	103.1	98.4	-	-	-	-	-	-
Chemicals and allied products .....	516	138.5	137.6	136.5	135.7	-	98.9	98.3	99.8	99.2	-
Petroleum and petroleum products .....	517	199.2	198.8	194.6	194.3	-	158.1	157.8	154.9	155.0	-
Petroleum bulk stations and terminals .....	5171	84.1	83.9	83.7	83.3	-	-	-	-	-	-
Petroleum products, nec .....	5172	115.1	114.9	110.9	111.0	-	-	-	-	-	-
Beer, wine, and distilled beverages .....	518	153.5	151.6	158.2	157.2	-	126.6	124.5	129.4	128.6	-
Beer and ale .....	5181	98.0	96.3	101.2	100.8	-	-	-	-	-	-
Wine and distilled beverages .....	5182	55.5	55.3	57.0	56.4	-	-	-	-	-	-
Misc. wholesale trade nondurable goods .....	519	483.9	485.0	494.0	491.7	-	392.3	392.6	401.9	398.6	-
Farm supplies .....	5191	157.0	157.2	163.2	159.4	-	-	-	-	-	-
<b>Retail trade .....</b>		<b>19,846</b>	<b>19,742</b>	<b>19,444</b>	<b>19,478</b>	<b>19,396</b>	<b>17,596</b>	<b>17,484</b>	<b>17,180</b>	<b>17,200</b>	<b>17,100</b>
Building materials and garden supplies .....	52	790.9	772.6	769.9	762.0	-	658.3	639.8	638.3	628.8	-
Lumber and other building materials .....	521	444.9	433.3	427.1	423.0	-	376.1	364.6	360.4	355.3	-
Hardware stores .....	525	163.2	160.5	164.2	163.1	-	134.7	132.2	135.3	133.9	-
General merchandise stores .....	53	2,472.9	2,472.0	2,295.4	2,308.5	2,312.4	2,316.5	2,315.5	2,155.8	2,162.0	-
Department stores .....	531	2,092.9	2,097.9	1,932.7	1,943.4	-	1,976.3	1,981.5	1,832.1	1,837.4	-
Variety stores .....	533	165.3	162.0	159.7	160.7	-	150.3	146.9	143.7	144.8	-
Miscellaneous general merchandise stores .....	539	214.7	212.1	203.0	204.4	-	189.9	187.1	180.0	179.8	-
Food stores .....	54	3,238.3	3,230.5	3,245.3	3,229.0	3,218.9	2,979.1	2,969.2	2,978.5	2,962.1	-
Grocery stores .....	541	2,899.4	2,890.7	2,899.7	2,880.7	-	2,682.1	2,671.4	2,676.6	2,658.3	-
Meat and fish markets .....	542	49.5	49.6	49.8	50.5	-	-	-	-	-	-
Dairy products stores .....	545	25.6	25.2	26.4	25.9	-	-	-	-	-	-
Retail bakeries .....	546	164.3	165.6	165.5	166.6	-	146.3	147.4	147.7	148.6	-
Automotive dealers and service stations .....	55	2,111.3	2,099.5	2,064.2	2,064.3	2,058.9	1,762.8	1,750.2	1,718.3	1,719.4	-
New and used car dealers .....	551	938.1	937.1	903.0	905.4	-	779.0	777.5	748.0	750.8	-
Auto and home supply stores .....	553	347.3	346.0	348.2	348.7	-	278.7	277.3	278.6	280.0	-
Gasoline service stations .....	554	660.0	654.0	647.8	646.8	-	571.9	565.7	559.6	557.8	-
Automotive dealers, nec .....	559	10.6	10.6	10.6	10.6	-	8.8	8.7	8.6	8.7	-
Apparel and accessory stores .....	56	1,162.9	1,143.9	1,104.9	1,116.9	-	972.5	955.0	910.9	921.1	-
Men's and boys' clothing stores .....	561	97.9	95.8	87.5	86.3	-	78.3	76.1	70.3	69.9	-
Women's clothing stores .....	562	394.8	394.6	377.2	378.1	-	327.4	327.5	311.8	311.7	-
Family clothing stores .....	565	289.7	277.1	284.7	293.1	-	249.5	238.7	244.6	253.0	-
Shoe stores .....	566	222.0	218.5	205.1	207.2	-	183.4	179.9	159.7	159.7	-

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 <sup>1</sup>				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Retail trade—Continued</b>											
Furniture and home furnishings stores .....	57	819.7	814.6	794.5	797.9	-	669.2	664.4	646.9	649.0	-
Furniture and home furnishings stores .....	571	462.2	458.2	450.7	450.6	-	376.0	372.7	364.7	364.7	-
Furniture stores .....	5712	281.9	279.7	275.3	275.7	-	-	-	-	-	-
Household appliance stores .....	572	79.7	79.5	71.4	71.2	-	65.3	64.9	58.3	57.3	-
Radio, television, and computer stores .....	573	277.8	276.9	272.4	276.1	-	227.9	226.8	223.9	227.0	-
Radio, television, and electronic stores .....	5731	115.6	115.1	115.4	117.1	-	96.6	96.2	97.4	98.7	-
Record and prerecorded tape stores .....	5735	62.5	62.3	57.5	58.7	-	52.4	52.0	47.6	48.7	-
Eating and drinking places .....	58	6,768.9	6,713.2	6,742.3	6,759.9	6,706.8	6,156.6	6,095.5	6,110.9	6,127.3	-
Miscellaneous retail establishments .....	59	2,481.1	2,495.4	2,427.3	2,439.7	-	2,081.0	2,094.8	2,020.5	2,030.4	-
Drug stores and proprietary stores .....	591	620.7	620.3	624.9	626.8	-	523.2	523.4	522.9	524.2	-
Liquor stores .....	592	120.2	119.7	122.1	122.8	-	-	-	-	-	-
Miscellaneous shopping goods stores .....	594	861.7	870.1	840.0	845.3	-	717.9	726.1	694.1	699.4	-
Sporting goods and bicycle shops .....	5941	157.3	157.9	154.0	154.5	-	-	-	-	-	-
Book stores .....	5942	90.9	98.9	86.2	90.8	-	-	-	-	-	-
Stationery stores .....	5943	77.2	77.4	73.2	73.4	-	-	-	-	-	-
Jewelry stores .....	5944	145.1	144.7	141.3	141.0	-	-	-	-	-	-
Gift, novelty, and souvenir shops .....	5947	194.5	189.7	194.2	192.7	-	-	-	-	-	-
Sewing, needlework, and piece goods .....	5949	63.6	66.6	63.4	62.8	-	-	-	-	-	-
Nonstore retailers .....	596	288.8	292.0	241.4	247.5	-	255.4	258.7	209.7	214.0	-
Catalog and mail-order houses .....	5961	153.3	158.5	121.7	127.3	-	-	-	-	-	-
Merchandising machine operators .....	5962	80.7	80.9	75.5	74.8	-	-	-	-	-	-
Fuel dealers .....	598	105.7	105.8	102.1	102.1	-	87.5	87.6	84.4	84.3	-
Retail stores, nec .....	599	414.1	417.3	427.1	424.9	-	340.4	342.9	351.3	349.7	-
<b>Finance, insurance, and real estate<sup>3</sup></b> .....		<b>6,837</b>	<b>6,764</b>	<b>6,780</b>	<b>6,770</b>	<b>6,699</b>	<b>4,981</b>	<b>4,902</b>	<b>4,919</b>	<b>4,904</b>	<b>4,835</b>
Finance .....		3,333	3,303	3,304	3,302	3,275	-	-	-	-	-
Depository institutions .....	60	2,300.9	2,276.1	2,268.4	2,267.0	-	1,674.0	1,649.2	1,645.1	1,643.3	-
Commercial banks .....	602	1,587.6	1,569.4	1,572.4	1,571.7	-	1,132.8	1,115.7	1,120.6	1,118.8	-
State commercial banks .....	6022	677.1	668.4	669.4	669.9	-	-	-	-	-	-
Savings institutions .....	603	456.0	449.3	435.8	435.1	-	-	-	-	-	-
Federal savings institutions .....	6035	242.2	238.8	227.4	226.0	-	-	-	-	-	-
Savings institutions, except federal .....	6036	213.8	210.5	208.4	209.1	-	-	-	-	-	-
Credit unions .....	606	136.0	135.4	138.8	139.1	-	109.2	108.3	111.1	111.3	-
Nondepository institutions .....	61	376.2	373.4	376.1	377.6	-	273.0	271.2	276.6	277.5	-
Personal credit institutions .....	614	126.7	126.8	126.4	126.8	-	94.7	94.5	95.1	95.5	-
Business credit institutions .....	615	80.6	79.9	80.6	80.4	-	-	-	-	-	-
Mortgage bankers and brokers .....	616	158.0	155.9	158.4	159.7	-	-	-	-	-	-
Security and commodity brokers .....	62	429.4	427.7	428.9	427.8	-	-	-	-	-	-
Security brokers and dealers .....	621	325.8	324.5	326.4	325.3	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges .....	622,3	24.7	24.5	22.0	21.9	-	-	-	-	-	-
Security and commodity services .....	628	78.9	78.7	80.5	80.6	-	49.7	49.5	51.5	51.8	-
Holding and other investment offices .....	67	226.3	225.9	230.5	229.1	-	-	-	-	-	-
Insurance .....	63,64	2,132	2,121	2,135	2,130	2,117	-	-	-	-	-
Insurance carriers .....	63	1,462.2	1,455.0	1,466.0	1,463.0	-	984.3	977.9	991.8	988.8	-
Life insurance .....	631	540.1	537.3	534.5	532.6	-	330.3	329.0	324.9	322.7	-
Medical service and health insurance .....	632	244.1	243.9	256.4	256.4	-	198.1	197.4	209.6	209.6	-
Fire, marine, and casualty insurance .....	633	561.5	558.8	565.6	564.2	-	365.6	362.5	370.9	370.0	-
Title insurance .....	636	62.8	61.4	53.6	53.8	-	-	-	-	-	-
Insurance agents, brokers, and service .....	64	670.0	666.2	668.9	667.2	-	-	-	-	-	-
Real estate .....	65	1,372	1,340	1,341	1,338	1,307	-	-	-	-	-
Real estate operators and lessors .....	651	585.7	575.4	580.5	581.8	-	-	-	-	-	-
Real estate agents and managers .....	653	596.4	579.4	578.3	575.6	-	-	-	-	-	-
Subdividers and developers .....	655	159.2	154.0	152.2	150.2	-	-	-	-	-	-

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 <sup>1</sup>				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Services</b> .....		28,547	28,508	28,963	28,985	28,975	24,920	24,873	25,251	25,260	25,232
Hotels and other lodging places .....	70	1,775.5	1,693.4	1,711.6	1,719.2	-	-	-	-	-	-
Hotels and motels .....	701	1,682.4	1,644.5	1,625.6	1,629.1	-	1,496.2	1,459.2	1,442.3	1,445.7	-
Personal services .....	72	1,081.2	1,092.9	1,082.8	1,082.8	-	-	-	-	-	-
Laundry, cleaning, and garment services .....	721	435.3	435.1	432.5	430.3	-	387.1	386.3	382.5	379.9	-
Photographic studios, portrait .....	722	64.4	68.8	63.6	66.9	-	-	-	-	-	-
Beauty shops .....	723	373.0	373.7	381.1	381.0	-	334.1	335.0	342.5	342.8	-
Funeral service and crematories .....	726	83.8	84.0	85.2	84.3	-	-	-	-	-	-
Miscellaneous personal services .....	729	100.7	107.3	96.7	96.7	-	87.2	92.5	82.9	82.8	-
Business services .....	73	5,328.2	5,365.1	5,312.0	5,369.8	5,399.3	4,694.8	4,727.0	4,651.8	4,705.2	-
Advertising .....	731	238.9	238.7	231.2	230.7	-	171.3	170.3	163.1	162.6	-
Advertising agencies .....	7311	169.7	169.4	163.1	162.7	-	-	-	-	-	-
Credit reporting and collection .....	732	108.8	107.7	113.6	114.1	-	-	-	-	-	-
Mailing, reproduction, and stenographic services .....	733	245.6	247.8	257.0	261.9	-	-	-	-	-	-
Services to buildings .....	734	814.7	809.1	790.1	784.9	-	738.3	732.3	712.3	707.4	-
Personnel supply services .....	736	1,618.1	1,647.6	1,515.3	1,564.9	-	-	-	-	-	-
Employment agencies .....	7361	269.0	273.1	251.8	256.4	-	-	-	-	-	-
Help supply services .....	7363	1,349.1	1,374.5	1,263.5	1,308.5	-	1,306.1	1,330.2	1,217.1	1,262.3	-
Computer and data processing services .....	737	790.4	790.5	840.1	844.9	-	618.2	618.1	657.8	661.7	-
Computer programming services .....	7371	156.2	156.5	166.7	168.2	-	123.1	123.6	132.0	133.3	-
Prepackaged software .....	7372	116.1	115.3	127.9	129.4	-	-	-	-	-	-
Data processing and preparation .....	7374	197.7	198.6	209.6	209.3	-	-	-	-	-	-
Miscellaneous business services .....	738	1,296.4	1,308.9	1,353.3	1,355.2	-	1,147.8	1,158.5	1,195.1	1,195.0	-
Detective and armored car services .....	7381	463.0	469.0	485.3	489.2	-	434.8	440.4	454.5	457.6	-
Photofinishing laboratories .....	7384	80.7	85.0	77.2	78.2	-	-	-	-	-	-
Auto repair, services, and parking .....	75	937.6	937.3	920.8	919.5	-	776.3	774.3	759.6	756.7	-
Automotive rentals, without drivers .....	751	183.5	184.7	181.9	183.1	-	-	-	-	-	-
Automotive repair shops .....	753	539.6	539.0	530.2	530.6	-	443.1	441.8	433.3	432.2	-
Miscellaneous repair services .....	76	394.8	395.4	386.3	384.1	-	323.9	324.0	314.6	312.2	-
Electrical repair shops .....	762	119.1	119.1	123.6	124.6	-	-	-	-	-	-
Motion pictures .....	78	428.2	404.7	405.1	410.7	-	364.1	340.2	334.1	340.0	-
Motion picture production and services .....	781	158.6	151.6	148.3	155.0	-	131.1	124.0	115.6	123.3	-
Motion picture theaters .....	783	121.8	109.0	120.8	119.0	-	-	-	-	-	-
Amusement and recreation services .....	79	1,231.5	1,134.4	1,290.1	1,280.7	-	1,087.1	994.5	1,140.0	1,130.5	-
Misc. amusement and recreation services .....	799	869.8	772.9	903.6	897.3	-	772.5	679.1	803.1	797.5	-
Physical fitness facilities .....	7991	127.2	129.4	125.2	127.1	-	114.9	116.3	111.1	112.2	-
Membership sports and recreation clubs .....	7997	326.1	287.6	346.6	343.6	-	291.5	254.4	307.9	305.7	-
Health services .....	80	7,921.1	7,925.7	8,281.6	8,314.0	8,327.4	7,042.2	7,045.8	7,366.4	7,391.9	-
Offices and clinics of medical doctors .....	801	1,370.1	1,373.4	1,443.3	1,449.7	-	1,132.2	1,133.7	1,190.3	1,193.8	-
Offices and clinics of dentists .....	802	517.3	514.3	528.5	534.1	-	453.2	450.5	464.7	470.3	-
Offices and clinics of other health practitioners .....	804	280.9	280.4	301.4	304.1	-	232.5	232.0	249.2	251.7	-
Nursing and personal care facilities .....	805	1,433.2	1,432.6	1,515.5	1,526.8	-	1,295.0	1,293.9	1,367.9	1,379.1	-
Skilled nursing care facilities .....	8051	984.9	983.5	1,036.9	1,044.9	-	-	-	-	-	-
Intermediate care facilities .....	8052	204.1	204.3	219.2	221.0	-	184.1	183.5	197.1	199.0	-
Nursing and personal care, nec .....	8059	244.2	244.8	259.4	260.9	-	-	-	-	-	-
Hospitals .....	806	3,570.9	3,570.0	3,670.0	3,673.3	-	3,269.5	3,270.4	3,367.0	3,368.2	-
General medical and surgical hospitals .....	8062	3,288.2	3,287.3	3,376.4	3,380.0	-	-	-	-	-	-
Psychiatric hospitals .....	8063	104.0	103.9	102.9	102.0	-	-	-	-	-	-
Specialty hospitals, excluding psychiatric .....	8069	178.7	178.8	190.7	191.3	-	-	-	-	-	-
Medical and dental laboratories .....	807	172.4	172.7	187.4	188.9	-	-	-	-	-	-
Home health care services .....	808	298.5	302.3	334.8	334.9	-	276.1	279.3	310.5	309.8	-
Legal services .....	81	933.7	915.7	943.5	934.2	-	771.6	753.0	774.9	765.2	-
Educational services .....	82	1,418.9	1,620.5	1,444.0	1,426.9	-	-	-	-	-	-
Elementary and secondary schools .....	821	414.8	454.1	430.8	424.6	-	-	-	-	-	-
Colleges and universities .....	822	796.7	962.1	807.8	797.4	-	-	-	-	-	-
Vocational schools .....	824	85.9	88.3	82.1	83.3	-	-	-	-	-	-

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 <sup>1</sup>				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Services—Continued</b>											
Social services .....	83	1,792.2	1,818.9	1,917.6	1,917.6	-	-	-	-	-	-
Individual and family services .....	832	471.0	465.2	498.5	495.9	-	-	-	-	-	-
Job training and related services .....	833	260.4	240.6	259.8	253.0	-	-	-	-	-	-
Child day care services .....	835	409.8	467.3	450.6	455.8	-	358.8	411.7	396.1	400.5	-
Residential care .....	836	479.7	477.7	529.6	533.2	-	-	-	-	-	-
Museums and botanical and zoological gardens .....	84	71.6	68.9	72.7	72.3	-	-	-	-	-	-
Membership organizations .....	86	1,972.9	1,926.6	2,001.7	1,978.8	-	-	-	-	-	-
Business associations .....	861	107.3	105.8	105.9	103.9	-	-	-	-	-	-
Labor organizations .....	863	135.1	138.9	132.8	135.0	-	-	-	-	-	-
Civic and social associations .....	864	449.6	405.5	482.1	459.2	-	-	-	-	-	-
Engineering and management services .....	87	2,523.0	2,493.7	2,472.3	2,468.1	-	1,921.5	1,891.2	1,884.5	1,881.5	-
Engineering and architectural services .....	871	808.6	793.8	769.9	767.8	-	665.4	651.3	636.2	633.0	-
Engineering services .....	8711	625.7	614.5	598.0	597.4	-	519.0	508.4	499.2	498.1	-
Architectural services .....	8712	130.3	128.4	122.2	121.4	-	103.1	101.2	96.3	94.8	-
Accounting, auditing, and bookkeeping .....	872	525.0	521.1	510.6	508.6	-	389.9	384.8	376.4	375.0	-
Research and testing services .....	873	561.2	551.2	561.1	560.6	-	407.2	398.7	409.2	409.3	-
Commercial physical research .....	8731	236.2	235.0	237.2	236.6	-	-	-	-	-	-
Noncommercial research organizations .....	8733	148.8	143.7	151.7	151.7	-	-	-	-	-	-
Management and public relations .....	874	628.2	627.6	630.7	631.1	-	459.0	456.4	462.7	464.2	-
Services, nec .....	89	38.3	38.0	37.5	36.9	-	30.5	30.3	29.4	29.0	-
<b>Government</b> .....		17,186	18,066	17,462	17,266	18,123	-	-	-	-	-
Federal Government <sup>4</sup> .....		3,060	2,987	3,002	2,997	2,975	-	-	-	-	-
Executive, by agency <sup>5</sup> .....		2,999.0	2,926.4	2,937.5	-	-	-	-	-	-	-
Department of Defense .....		952.9	938.9	931.5	-	-	-	-	-	-	-
Postal Service <sup>5</sup> .....		820.7	813.2	807.2	-	-	-	-	-	-	-
Other executive agencies .....		1,225.4	1,174.3	1,198.8	-	-	-	-	-	-	-
Legislative .....		38.2	37.4	40.1	-	-	-	-	-	-	-
Judicial .....		23.1	23.3	24.4	-	-	-	-	-	-	-
Federal Government, by industry:											
Manufacturing activities .....		115.7	114.7	110.6	109.1	-	-	-	-	-	-
Ship building and repairing .....	3731	67.7	67.0	63.1	62.4	-	-	-	-	-	-
Transportation and public utilities, except Postal											
Service .....		36.3	36.8	33.7	34.4	-	-	-	-	-	-
Services .....		405.9	406.3	408.1	407.6	-	-	-	-	-	-
Hospitals .....	806	234.5	233.9	241.4	240.7	-	-	-	-	-	-
State government .....		4,086	4,262	4,108	4,098	4,261	-	-	-	-	-
Hospitals .....	806	430.5	429.3	426.3	424.2	-	-	-	-	-	-
Education .....	82	1,454.0	1,663.0	1,469.8	1,472.8	-	-	-	-	-	-
General administration, including executive, legislative,											
and judicial functions .....		1,686.5	1,668.3	1,700.5	1,690.7	-	-	-	-	-	-
Local government .....		10,040	10,817	10,352	10,171	10,887	-	-	-	-	-
Transportation and public utilities .....		465.6	461.2	463.2	460.5	-	-	-	-	-	-
Hospitals .....	806	657.6	658.9	685.6	686.8	-	-	-	-	-	-
Education .....	82	4,947.7	5,936.7	5,136.8	5,044.9	-	-	-	-	-	-
General administration, including executive, legislative,											
and judicial functions .....		3,609.1	3,424.7	3,681.6	3,628.8	-	-	-	-	-	-

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

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

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

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

the National Security Agency.

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

- Data not available.

<sup>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 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	June 1990	July 1990	May 1991	June 1991	July 1991
<b>Total</b> .....	52,511	51,523	52,459	52,497	51,494
<b>Total private</b> .....	42,671	42,506	42,307	42,573	42,395
<b>Goods-producing</b> .....	7,013	6,935	6,679	6,733	6,676
<b>Mining</b> .....	98	98	98	100	100
<b>Construction</b> .....	563	566	542	549	550
<b>Manufacturing</b> .....	6,352	6,271	6,039	6,084	6,026
<b>Durable goods</b> .....	3,004	2,963	2,815	2,822	2,790
Lumber and wood products .....	123	122	111	113	113
Furniture and fixtures .....	161	156	148	148	143
Stone, clay, and glass products .....	111	109	104	105	104
Primary metal industries .....	105	103	98	99	98
Fabricated metal products .....	319	315	300	302	296
Industrial machinery and equipment .....	458	454	435	434	431
Electronic and other electrical equipment .....	720	710	674	675	668
Transportation equipment .....	412	408	377	377	374
Instruments and related products .....	419	414	401	401	398
Miscellaneous manufacturing .....	176	172	167	169	166
<b>Nondurable goods</b> .....	3,348	3,308	3,224	3,262	3,236
Food and kindred products .....	536	557	519	537	550
Tobacco products .....	15	15	14	14	15
Textile mill products .....	339	332	325	327	323
Apparel and other textile products .....	832	791	800	808	785
Paper and allied products .....	175	175	169	172	172
Printing and publishing .....	696	693	679	677	674
Chemicals and allied products .....	333	334	328	333	331
Petroleum and coal products .....	26	27	26	27	27
Rubber and misc. plastics products .....	317	310	295	299	292
Leather and leather products .....	80	74	70	70	68
<b>Service-producing</b> .....	45,498	44,588	45,780	45,764	44,818
<b>Transportation and public utilities</b> .....	1,723	1,696	1,730	1,728	1,694
<b>Wholesale trade</b> .....	1,914	1,908	1,860	1,866	1,863
<b>Retail trade</b> .....	10,535	10,477	10,244	10,343	10,294
<b>Finance, insurance, and real estate</b> .....	4,279	4,303	4,257	4,285	4,289
<b>Services</b> .....	17,207	17,187	17,537	17,618	17,579
<b>Government</b> .....	9,840	9,017	10,152	9,924	9,099
Federal .....	1,367	1,346	1,224	1,240	1,240
State .....	2,077	2,013	2,206	2,114	2,041
Local .....	6,396	5,658	6,722	6,570	5,818

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>	Sept. <sup>P</sup>
<b>Total</b> .....	110,113	109,982	109,761	109,621	109,418	109,160	108,902	108,736	108,887	108,885	108,859	108,936	108,960
<b>Total private</b> .....	91,785	91,638	91,406	91,268	91,053	90,771	90,495	90,312	90,447	90,429	90,439	90,527	90,578
<b>Goods-producing</b> .....	24,842	24,705	24,481	24,375	24,181	24,039	23,877	23,794	23,847	23,792	23,798	23,820	23,783
<b>Mining</b> .....	711	710	712	715	713	715	714	710	706	704	701	693	684
Oil and gas extraction .....	396	397	398	399	399	401	402	400	399	398	394	390	385
<b>Construction</b> .....	5,088	5,022	4,962	4,911	4,797	4,792	4,720	4,688	4,715	4,710	4,695	4,691	4,685
General building contractors .....	1,294	1,272	1,251	1,237	1,221	1,210	1,196	1,184	1,177	1,172	1,170	1,166	1,158
<b>Manufacturing</b> .....	19,043	18,973	18,807	18,749	18,671	18,532	18,443	18,396	18,426	18,378	18,402	18,436	18,414
<b>Durable goods</b> .....	11,049	11,000	10,867	10,828	10,770	10,652	10,584	10,560	10,575	10,534	10,546	10,552	10,537
Lumber and wood products .....	733	730	719	714	706	696	692	692	697	696	699	699	696
Furniture and fixtures .....	508	505	496	493	490	482	479	481	483	483	478	481	481
Stone, clay, and glass products .....	552	549	543	539	532	527	520	521	519	518	520	523	523
Primary metal industries .....	754	753	747	742	740	726	724	723	721	718	721	723	721
Blast furnaces and basic steel products .....	275	276	274	273	271	264	262	263	261	260	260	260	262
Fabricated metal products .....	1,421	1,415	1,402	1,395	1,389	1,365	1,356	1,353	1,354	1,358	1,359	1,362	1,360
Industrial machinery and equipment .....	2,079	2,074	2,063	2,054	2,048	2,036	2,024	2,007	2,003	1,990	1,984	1,979	1,981
Electronic and other electrical equipment .....	1,657	1,647	1,636	1,628	1,621	1,611	1,599	1,597	1,599	1,594	1,589	1,586	1,581
Transportation equipment .....	1,971	1,957	1,897	1,902	1,888	1,859	1,846	1,846	1,863	1,845	1,861	1,868	1,862
Motor vehicles and equipment .....	810	805	758	770	763	746	738	754	780	770	791	795	792
Instruments and related products .....	998	995	991	989	985	982	978	976	973	969	968	966	967
Miscellaneous manufacturing .....	376	375	373	372	371	368	366	364	363	363	367	365	365
<b>Nondurable goods</b> .....	7,994	7,973	7,940	7,921	7,901	7,880	7,859	7,836	7,851	7,844	7,856	7,884	7,877
Food and kindred products .....	1,670	1,672	1,669	1,672	1,673	1,679	1,679	1,673	1,677	1,677	1,660	1,681	1,676
Tobacco products .....	49	49	49	49	49	49	48	48	48	48	49	50	48
Textile mill products .....	685	678	677	671	667	661	660	660	665	665	671	671	671
Apparel and other textile products .....	1,039	1,032	1,023	1,017	1,012	1,010	1,009	1,005	1,013	1,017	1,032	1,031	1,031
Paper and allied products .....	700	699	697	695	696	694	693	691	690	687	689	692	693
Printing and publishing .....	1,575	1,573	1,568	1,565	1,560	1,553	1,548	1,542	1,540	1,531	1,532	1,532	1,530
Chemicals and allied products .....	1,096	1,095	1,095	1,095	1,094	1,093	1,091	1,089	1,086	1,086	1,084	1,088	1,089
Petroleum and coal products .....	158	158	159	159	158	158	158	158	159	159	159	159	159
Rubber and misc. plastics products .....	892	889	877	873	868	861	852	849	854	854	857	860	861
Leather and leather products .....	130	128	126	125	124	122	121	120	119	120	123	120	119
<b>Service-producing</b> .....	85,271	85,277	85,280	85,246	85,237	85,121	85,025	84,942	85,040	85,093	85,061	85,116	85,177
<b>Transportation and public utilities</b> .....	5,854	5,855	5,852	5,867	5,866	5,834	5,824	5,814	5,819	5,809	5,809	5,818	5,819
Transportation .....	3,581	3,582	3,582	3,595	3,591	3,562	3,549	3,544	3,556	3,546	3,550	3,563	3,565
Communications and public utilities .....	2,273	2,273	2,270	2,272	2,275	2,272	2,275	2,270	2,263	2,263	2,259	2,255	2,254
<b>Wholesale trade</b> .....	6,204	6,190	6,180	6,166	6,138	6,119	6,105	6,086	6,085	6,068	6,064	6,049	6,047
Durable goods .....	3,624	3,613	3,604	3,596	3,576	3,562	3,550	3,535	3,528	3,517	3,509	3,500	3,492
Nondurable goods .....	2,580	2,577	2,576	2,570	2,562	2,557	2,555	2,551	2,557	2,551	2,555	2,549	2,555
<b>Retail trade</b> .....	19,698	19,663	19,628	19,579	19,542	19,464	19,378	19,324	19,339	19,345	19,347	19,343	19,357
General merchandise stores .....	2,511	2,491	2,470	2,444	2,431	2,415	2,396	2,372	2,356	2,358	2,347	2,351	2,348
Food stores .....	3,239	3,238	3,243	3,242	3,243	3,237	3,245	3,226	3,225	3,229	3,232	3,226	3,229
Automotive dealers and service stations .....	2,082	2,075	2,070	2,067	2,053	2,042	2,036	2,031	2,031	2,034	2,038	2,038	2,041
Eating and drinking places .....	6,577	6,586	6,596	6,601	6,608	6,582	6,561	6,560	6,571	6,571	6,578	6,569	6,575
<b>Finance, insurance, and real estate</b> .....	6,750	6,746	6,740	6,733	6,736	6,732	6,735	6,718	6,712	6,703	6,688	6,685	6,684
Finance .....	3,306	3,305	3,301	3,296	3,296	3,295	3,297	3,292	3,287	3,281	3,275	3,276	3,278
Insurance .....	2,126	2,127	2,128	2,128	2,136	2,137	2,140	2,134	2,132	2,130	2,122	2,122	2,121
Real estate .....	1,318	1,314	1,311	1,309	1,304	1,300	1,298	1,292	1,293	1,292	1,291	1,287	1,285
<b>Services</b> .....	28,437	28,479	28,525	28,548	28,590	28,583	28,576	28,576	28,645	28,712	28,733	28,812	28,888
Business services .....	5,291	5,295	5,287	5,275	5,271	5,256	5,254	5,257	5,278	5,280	5,280	5,311	5,320
Health services .....	7,929	7,965	7,997	8,032	8,061	8,089	8,114	8,147	8,165	8,206	8,249	8,289	8,327
<b>Government</b> .....	18,328	18,344	18,355	18,353	18,365	18,389	18,407	18,424	18,440	18,456	18,420	18,409	18,382
Federal .....	2,994	2,980	2,964	2,948	2,952	2,951	2,951	2,953	2,952	2,971	2,963	2,973	2,981
State .....	4,328	4,339	4,345	4,347	4,352	4,354	4,359	4,352	4,348	4,359	4,338	4,332	4,326
Local .....	11,006	11,025	11,046	11,058	11,061	11,084	11,097	11,119	11,140	11,126	11,119	11,104	11,075

<sup>P</sup> = 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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
<b>Total</b> .....	52,347	52,371	52,380	52,372	52,349	52,319	52,355	52,264	52,207	52,149	52,227	52,261	52,329
<b>Total private</b> .....	42,510	42,578	42,594	42,579	42,540	42,500	42,527	42,415	42,344	42,275	42,344	42,355	42,385
<b>Goods-producing</b> .....	6,964	6,949	6,930	6,894	6,844	6,826	6,802	6,762	6,723	6,701	6,703	6,694	6,699
<b>Mining</b> .....	96	96	97	95	96	97	97	98	98	98	98	98	98
<b>Construction</b> .....	555	555	555	553	551	550	548	544	542	540	541	541	539
<b>Manufacturing</b> .....	6,313	6,298	6,278	6,246	6,197	6,179	6,157	6,120	6,083	6,063	6,064	6,055	6,062
<b>Durable goods</b> .....	2,984	2,965	2,950	2,936	2,904	2,892	2,879	2,853	2,828	2,819	2,817	2,806	2,807
Lumber and wood products .....	120	119	118	117	116	115	114	111	109	110	110	111	111
Furniture and fixtures .....	159	160	159	157	154	153	152	149	148	148	148	149	146
Stone, clay, and glass products .....	109	109	109	109	108	107	106	106	104	104	104	103	103
Primary metal industries .....	104	103	102	102	102	101	101	99	99	98	98	97	99
Fabricated metal products .....	319	318	316	315	311	310	308	303	300	300	299	300	299
Industrial machinery and equipment .....	455	453	450	449	446	444	444	441	439	436	435	432	432
Electronic and other electrical equipment .....	716	710	705	701	696	692	688	686	678	676	676	673	673
Transportation equipment .....	409	406	404	401	389	389	386	379	375	374	377	374	375
Instruments and related products .....	416	413	412	411	409	408	407	407	405	404	402	399	399
Miscellaneous manufacturing .....	177	174	175	174	173	173	173	172	171	169	168	168	170
<b>Nondurable goods</b> .....	3,329	3,333	3,328	3,310	3,293	3,287	3,278	3,267	3,255	3,244	3,247	3,249	3,255
Food and kindred products .....	541	542	543	543	540	542	542	544	543	543	541	542	533
Tobacco products .....	17	17	17	16	16	17	16	16	16	16	16	16	16
Textile mill products .....	336	337	334	330	330	328	327	324	322	323	326	325	326
Apparel and other textile products .....	819	821	822	814	807	803	800	798	796	791	797	801	813
Paper and allied products .....	173	174	173	172	172	171	172	171	171	170	169	169	170
Printing and publishing .....	694	694	693	693	692	692	690	686	684	681	679	675	676
Chemicals and allied products .....	330	330	331	331	330	331	330	331	330	329	329	329	328
Petroleum and coal products .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Rubber and misc. plastics products .....	315	315	313	310	306	304	302	299	295	295	294	297	296
Leather and leather products .....	78	77	76	75	74	73	73	71	71	70	70	69	71
<b>Service-producing</b> .....	45,383	45,422	45,450	45,478	45,505	45,493	45,553	45,502	45,484	45,448	45,524	45,567	45,630
<b>Transportation and public utilities</b> .....	1,714	1,721	1,727	1,731	1,736	1,739	1,745	1,731	1,732	1,726	1,727	1,718	1,711
<b>Wholesale trade</b> .....	1,907	1,905	1,905	1,903	1,898	1,892	1,883	1,878	1,870	1,865	1,866	1,859	1,861
<b>Retail trade</b> .....	10,470	10,473	10,464	10,446	10,432	10,388	10,411	10,348	10,308	10,265	10,285	10,281	10,284
<b>Finance, insurance, and real estate</b> .....	4,266	4,277	4,276	4,273	4,270	4,262	4,271	4,271	4,272	4,268	4,261	4,255	4,251
<b>Services</b> .....	17,189	17,253	17,292	17,332	17,360	17,393	17,415	17,425	17,439	17,450	17,502	17,548	17,579
<b>Government</b> .....	9,837	9,793	9,786	9,793	9,809	9,819	9,828	9,849	9,863	9,874	9,883	9,906	9,944
Federal .....	1,324	1,264	1,237	1,231	1,225	1,220	1,222	1,226	1,227	1,230	1,228	1,230	1,218
State .....	2,143	2,148	2,156	2,161	2,167	2,169	2,173	2,174	2,176	2,175	2,173	2,184	2,174
Local .....	6,370	6,381	6,393	6,401	6,417	6,430	6,433	6,449	6,460	6,469	6,482	6,492	6,552

<sup>1</sup> 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 workers<sup>1</sup> on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted**

(In thousands)

Industry	1990				1991								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>	Sept. <sup>P</sup>
<b>Total private</b> .....	74,348	74,209	73,984	73,841	73,666	73,378	73,172	72,983	73,121	73,147	73,196	73,225	73,254
<b>Goods-producing</b> .....	17,368	17,252	17,048	16,958	16,787	16,658	16,534	16,477	16,530	16,507	16,535	16,553	16,515
<b>Mining</b> .....	511	512	512	513	511	512	511	509	503	500	499	491	484
<b>Construction</b> .....	3,937	3,876	3,821	3,773	3,672	3,658	3,599	3,565	3,598	3,597	3,588	3,583	3,577
<b>Manufacturing</b> .....	12,920	12,864	12,715	12,672	12,604	12,488	12,424	12,403	12,429	12,410	12,448	12,479	12,454
<b>Durable goods</b> .....	7,322	7,287	7,172	7,148	7,098	7,000	6,956	6,948	6,964	6,943	6,971	6,982	6,964
Lumber and wood products .....	604	600	590	585	578	569	564	566	570	570	573	573	572
Furniture and fixtures .....	401	397	389	386	384	377	375	377	378	379	375	378	379
Stone, clay, and glass products .....	429	426	421	419	411	406	400	401	400	400	401	404	403
Primary metal industries .....	572	571	566	562	559	548	546	544	544	541	544	546	544
Blast furnaces and basic steel products .....	211	211	210	209	207	201	199	200	199	198	197	198	199
Fabricated metal products .....	1,046	1,041	1,030	1,024	1,018	994	990	989	990	992	995	995	998
Industrial machinery and equipment .....	1,246	1,244	1,235	1,228	1,223	1,215	1,209	1,198	1,191	1,183	1,177	1,178	1,176
Electronic and other electrical equipment .....	1,043	1,038	1,028	1,022	1,014	1,007	1,000	1,001	1,005	1,004	1,005	1,003	999
Transportation equipment .....	1,217	1,211	1,158	1,168	1,158	1,135	1,125	1,130	1,148	1,139	1,163	1,170	1,161
Motor vehicles and equipment .....	616	613	570	582	577	561	553	567	592	588	611	615	608
Instruments and related products .....	491	488	486	486	486	484	485	481	478	475	474	472	469
Miscellaneous manufacturing .....	273	271	269	268	267	265	262	261	260	260	264	263	263
<b>Nondurable goods</b> .....	5,598	5,577	5,543	5,524	5,506	5,488	5,468	5,455	5,465	5,467	5,477	5,497	5,490
Food and kindred products .....	1,203	1,204	1,202	1,206	1,208	1,213	1,213	1,207	1,211	1,213	1,197	1,215	1,210
Tobacco products .....	37	36	36	36	36	36	35	35	36	36	36	37	35
Textile mill products .....	588	580	580	574	571	565	564	565	570	571	575	574	575
Apparel and other textile products .....	870	864	854	850	844	843	842	840	847	850	867	863	862
Paper and allied products .....	525	525	522	521	522	522	521	519	519	517	517	521	522
Printing and publishing .....	873	871	867	864	860	855	851	849	844	841	845	843	843
Chemicals and allied products .....	601	600	598	596	594	592	591	591	585	583	580	582	582
Petroleum and coal products .....	103	104	104	103	102	102	102	103	102	103	103	103	102
Rubber and misc. plastics products .....	691	688	677	672	668	660	651	649	654	656	658	661	662
Leather and leather products .....	107	105	103	102	101	100	98	97	97	97	99	98	97
<b>Service-producing</b> .....	56,980	56,957	56,936	56,883	56,879	56,720	56,638	56,506	56,591	56,640	56,661	56,672	56,739
<b>Transportation and public utilities</b> .....	4,850	4,852	4,854	4,868	4,869	4,840	4,834	4,825	4,834	4,825	4,834	4,836	4,842
<b>Wholesale trade</b> .....	4,983	4,968	4,959	4,946	4,924	4,904	4,894	4,879	4,878	4,864	4,861	4,842	4,849
<b>Retail trade</b> .....	17,445	17,409	17,370	17,321	17,277	17,202	17,132	17,072	17,083	17,081	17,078	17,063	17,066
<b>Finance, insurance, and real estate</b> .....	4,891	4,886	4,876	4,863	4,869	4,863	4,862	4,851	4,854	4,851	4,837	4,822	4,825
<b>Services</b> .....	24,811	24,842	24,877	24,885	24,940	24,911	24,916	24,879	24,942	25,019	25,051	25,109	25,157

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

<sup>P</sup> = preliminary.  
NOTE: Establishment survey estimates are currently projected from March 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 industries <sup>1</sup>												
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	51.1	45.8	51.3	<sup>P</sup> 54.6	<sup>P</sup> 49.7			
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	38.3	39.5	48.9	<sup>P</sup> 51.8	<sup>P</sup> 54.4				
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	28.8
1991 .....	26.7	31.2	29.5	34.3	<sup>P</sup> 40.9	<sup>P</sup> 46.9						
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	32.0	30.2
1991 .....	30.2	<sup>P</sup> 30.1	<sup>P</sup> 29.9									
Manufacturing payrolls, 139 industries <sup>1</sup>												
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	46.8	46.0	53.2	<sup>P</sup> 56.1	<sup>P</sup> 46.8			
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	30.2	36.3	48.9	<sup>P</sup> 57.2	<sup>P</sup> 57.9				
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	17.3	19.4	23.4	<sup>P</sup> 39.6	<sup>P</sup> 47.8						
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	11.2	10.4
1991 .....	13.3	<sup>P</sup> 14.0	<sup>P</sup> 13.3									

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

<sup>P</sup> = preliminary.

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

indicates an equal balance between industries with increasing and decreasing employment. Establishment survey estimates are currently projected from March 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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Alabama</b> .....	1,633.5	1,638.7	1,627.7	12.7	12.7	12.8	85.0	81.2	81.1
Birmingham .....	420.2	423.0	420.7	5.9	5.6	5.6	24.2	22.8	22.7
Huntsville .....	136.8	135.1	134.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.8	5.3	5.2
Mobile .....	176.9	182.2	178.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.6	11.4	11.5
Montgomery .....	135.6	136.0	134.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.0	7.5	7.5
Tuscaloosa .....	65.8	65.6	66.0	3.2	3.3	3.4	4.5	4.0	3.9
<b>Alaska</b> .....	256.2	258.6	257.5	13.1	12.4	12.6	13.4	12.8	13.1
<b>Arizona</b> .....	1,465.9	1,482.8	1,489.9	12.7	13.2	13.4	85.9	81.2	81.4
Phoenix .....	970.3	979.4	980.7	.8	.7	.7	57.6	52.6	52.8
Tucson .....	249.1	252.4	255.2	2.2	2.4	2.4	15.1	15.9	15.8
<b>Arkansas</b> .....	927.8	948.5	955.3	4.1	4.0	3.9	40.9	41.0	41.2
Fayetteville-Springdale .....	55.9	55.8	56.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	1.9	1.9
Fort Smith .....	82.2	81.3	81.6	.9	.9	.9	2.9	2.9	2.9
Little Rock-North Little Rock .....	253.6	255.3	256.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.1	12.3	12.4
Pine Bluff .....	33.9	33.8	33.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.2	1.3
<b>California</b> .....	12,848.3	12,774.1	12,768.9	39.0	38.2	38.0	685.7	638.7	642.7
Anaheim-Santa Ana .....	1,218.0	1,204.8	1,202.5	1.3	1.1	1.1	70.2	64.9	65.4
Bakersfield .....	168.6	172.5	171.0	14.5	14.2	13.9	11.5	11.7	11.7
Fresno .....	235.4	241.4	243.0	.6	.6	.6	15.1	15.0	15.1
Los Angeles-Long Beach .....	4,272.0	4,235.5	4,225.2	8.4	8.3	8.3	161.5	152.5	151.1
Modesto .....	127.7	120.7	128.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	9.2	8.9	8.7
Oakland .....	898.7	900.2	899.4	3.3	3.0	3.0	53.8	50.0	50.5
Oxnard-Ventura .....	237.0	235.5	233.6	2.2	2.1	2.1	18.8	17.1	17.5
Riverside-San Bernardino .....	731.4	746.6	745.3	1.4	1.4	1.4	70.6	62.2	64.3
Sacramento .....	631.8	633.7	632.6	.6	.5	.6	43.3	38.6	39.4
Salinas-Seaside-Monterey .....	113.0	115.6	115.2	.3	.3	.3	4.6	4.5	4.5
San Diego .....	992.5	984.1	982.8	.7	.7	.7	63.3	59.7	59.8
San Francisco .....	973.2	978.7	977.8	.6	.6	.6	38.1	37.0	37.5
San Jose .....	840.2	823.9	826.4	.2	.3	.3	35.7	33.8	33.9
Santa Barbara-Santa Maria-Lompoc .....	150.1	149.7	149.3	1.2	1.2	1.2	7.4	7.4	7.4
Santa Rosa-Petaluma .....	144.2	147.1	148.5	.5	.5	.5	11.4	10.8	11.0
Stockton .....	161.7	159.2	162.3	.1	.1	.1	10.1	9.6	9.6
Vallejo-Fairfield-Napa .....	143.3	144.0	144.0	.6	.5	.6	12.3	12.0	12.1
<b>Colorado</b> .....	1,522.4	1,544.6	1,547.3	20.4	19.8	19.8	68.5	70.6	71.4
Boulder-Longmont .....	115.0	116.3	116.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.9	4.0	4.2
Denver .....	839.1	854.7	856.5	11.1	11.4	11.4	35.3	37.2	37.3
<b>Connecticut</b> .....	1,626.9	1,591.6	1,581.7	1.1	.8	.8	67.8	56.9	57.2
Bridgeport-Milford .....	190.3	183.0	184.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	7.5	6.5	6.5
Hartford .....	471.1	454.8	450.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.9	14.7	15.0
New Britain .....	63.0	60.7	60.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.9	4.1	4.2
New Haven-Meriden .....	254.9	247.1	244.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.3	9.1	9.2
Stamford .....	120.5	119.6	119.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.7	4.3	4.3
Waterbury .....	83.4	77.6	79.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.0	3.1	3.2
<b>Delaware</b> .....	349.3	346.3	342.7	.1	.1	.1	21.1	19.9	19.7
Wilmington .....	299.6	296.9	293.3	.2	.2	.2	18.7	17.0	17.1
<b>District of Columbia</b> .....	684.6	687.1	676.6	.1	.1	.1	14.6	12.7	12.6
Washington MSA .....	2,235.4	2,217.5	2,199.5	1.2	1.1	1.1	138.2	120.5	120.1
<b>Florida</b> .....	5,324.5	5,283.9	5,259.6	8.5	7.9	7.8	326.3	264.4	265.8
Daytona Beach .....	123.0	124.7	123.5	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	8.0	7.4	7.5
Fort Lauderdale-Hollywood-Pompano Beach .....	509.1	502.2	502.3	.2	.2	.2	34.7	28.1	28.4
Fort Myers-Cape Coral .....	125.2	130.5	130.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	12.9	11.9	12.2
Gainesville .....	99.9	98.6	99.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.3	4.1	3.9
Jacksonville .....	423.2	421.8	421.6	.6	.6	.6	26.4	22.6	22.7
Lakeland-Winter Haven .....	152.4	153.5	152.1	3.9	3.7	3.6	8.5	7.5	7.6
Melbourne-Titusville-Palm Bay .....	165.0	161.7	161.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	8.9	8.1	7.9
Miami-Hialeah .....	875.0	848.7	846.6	.8	.8	.8	38.7	34.2	34.1
Orlando .....	567.0	563.5	560.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	37.4	32.6	32.5
Pensacola .....	130.5	130.3	130.5	.4	.4	.4	8.1	7.8	7.9
Sarasota .....	116.9	117.3	117.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	9.5	8.2	8.4
Tallahassee .....	122.7	123.0	123.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	5.9	5.3	5.3
Tampa-St. Petersburg-Clearwater .....	875.3	875.9	875.3	.6	.4	.5	50.0	40.3	40.3
West Palm Beach-Boca Raton-DeLray Beach .....	348.8	345.0	343.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	25.4	21.0	21.1

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		
	Aug. 1990	July 1991	Aug. 1991P	Aug. 1990	July 1991	Aug. 1991P	Aug. 1990	July 1991	Aug. 1991P
<b>Alabama</b> .....	386.9	378.0	380.6	84.9	84.5	84.7	357.6	352.1	352.2
Birmingham .....	57.9	55.7	55.5	32.8	31.9	31.9	100.0	98.0	98.4
Huntsville .....	33.7	32.4	32.3	3.2	3.1	3.1	25.6	25.0	25.0
Mobile .....	28.1	28.3	28.0	10.1	10.8	11.0	47.7	46.9	46.8
Montgomery .....	17.8	17.3	17.4	5.8	5.8	5.8	31.0	30.0	29.7
Tuscaloosa .....	10.4	10.4	10.4	2.1	2.1	2.1	14.1	14.2	14.3
<b>Alaska</b> .....	23.2	25.3	22.9	23.0	23.2	23.1	49.3	49.6	49.5
<b>Arizona</b> .....	185.8	178.7	179.7	81.7	82.1	81.8	365.3	374.2	375.3
Phoenix .....	138.2	132.6	133.5	58.3	57.8	57.4	244.1	252.4	253.1
Tucson .....	26.4	25.7	25.4	9.5	10.3	10.4	59.3	60.2	60.9
<b>Arkansas</b> .....	235.7	237.5	239.6	56.3	57.4	57.7	209.4	214.2	215.2
Fayetteville-Springdale .....	14.0	14.0	14.1	5.0	4.7	4.6	12.5	12.5	12.5
Fort Smith .....	26.5	25.9	25.9	4.9	4.8	4.9	16.7	16.4	16.4
Little Rock-North Little Rock .....	33.5	32.7	32.8	16.4	16.1	16.2	61.5	62.0	62.1
Pine Bluff .....	6.3	6.8	6.7	2.7	2.7	2.8	7.4	7.4	7.5
<b>California</b> .....	2,145.8	2,040.5	2,054.3	632.8	630.2	630.7	3,034.0	2,995.3	2,997.5
Anaheim-Santa Ana .....	252.7	244.8	244.6	38.3	38.3	38.3	305.1	299.8	299.8
Bakersfield .....	11.1	11.2	11.2	8.4	8.5	8.5	40.3	40.9	40.8
Fresno .....	29.0	28.9	29.4	13.1	13.5	13.7	59.7	61.1	61.3
Los Angeles-Long Beach .....	853.8	804.3	803.5	221.9	220.9	220.6	971.8	955.3	957.3
Modesto .....	33.0	26.7	32.6	5.2	5.3	5.7	31.3	30.9	30.7
Oakland .....	114.3	112.6	112.7	62.1	62.7	62.8	220.6	220.4	220.6
Oxnard-Ventura .....	32.3	31.2	30.5	12.1	11.8	11.6	58.6	58.8	58.5
Riverside-San Bernardino .....	90.5	88.8	88.8	35.5	36.0	36.1	184.1	187.1	187.6
Sacramento .....	48.5	46.9	47.8	28.6	29.3	29.4	146.4	146.3	145.7
Salinas-Seaside-Monterey .....	10.6	10.5	10.8	4.7	4.9	4.9	30.6	30.6	30.6
San Diego .....	136.2	131.1	130.8	37.3	36.2	36.0	239.2	235.6	235.8
San Francisco .....	79.7	78.8	78.7	79.0	78.4	78.5	214.4	211.0	211.5
San Jose .....	268.8	257.6	258.2	23.0	23.3	23.4	169.7	167.4	167.6
Santa Barbara-Santa Maria-Lompoc .....	22.1	21.3	21.3	5.5	5.5	5.6	34.6	34.1	34.0
Santa Rosa-Petaluma .....	22.1	21.6	22.0	6.9	6.9	6.8	38.0	39.9	39.9
Stockton .....	29.1	25.9	29.8	9.5	9.4	9.5	36.4	36.6	36.8
Vallejo-Fairfield-Napa .....	14.1	13.2	13.7	5.2	5.2	5.2	35.9	36.0	36.1
<b>Colorado</b> .....	194.1	192.4	192.5	96.8	97.8	97.8	375.0	375.9	378.3
Boulder-Longmont .....	30.5	30.1	30.1	2.4	2.4	2.3	25.1	25.4	25.7
Denver .....	95.5	93.5	93.6	69.5	70.5	70.3	207.8	208.0	208.8
<b>Connecticut</b> .....	335.6	319.5	320.4	72.1	70.7	69.7	363.2	352.9	351.7
Bridgeport-Milford .....	49.5	44.2	46.0	8.2	8.1	8.1	42.8	42.2	42.5
Hartford .....	81.7	78.9	77.9	18.8	16.5	16.4	100.3	94.6	93.9
New Britain .....	17.9	16.8	16.6	3.0	3.0	3.0	13.2	12.8	12.8
New Haven-Meriden .....	43.3	41.5	41.1	17.4	16.6	16.5	55.2	52.9	52.6
Stamford .....	18.8	18.6	18.8	6.2	6.5	6.4	27.6	27.3	27.2
Waterbury .....	19.3	15.4	16.9	3.4	3.3	3.3	17.7	17.0	16.7
<b>Delaware</b> .....	73.0	71.8	69.5	14.8	15.2	14.9	78.2	76.9	77.1
Wilmington .....	62.8	61.9	59.3	16.6	17.2	16.8	61.4	60.8	60.9
<b>District of Columbia</b> .....	15.6	15.1	15.1	24.1	23.7	23.6	61.2	60.2	58.9
Washington MSA .....	87.4	83.8	83.3	107.7	107.3	106.3	436.3	430.1	427.9
<b>Florida</b> .....	518.6	492.7	494.1	276.9	267.8	267.6	1,440.2	1,422.5	1,414.5
Daytona Beach .....	11.9	12.0	12.0	4.3	4.4	4.4	36.5	36.4	36.0
Fort Lauderdale-Hollywood-Pompano Beach .....	43.7	41.7	41.7	23.4	23.0	23.1	149.4	148.0	148.6
Fort Myers-Cape Coral .....	5.9	6.0	6.0	5.5	5.9	5.8	37.0	40.5	40.6
Gainesville .....	5.6	5.7	5.7	2.0	2.0	2.0	21.7	21.3	21.5
Jacksonville .....	36.3	35.3	35.4	29.3	28.5	28.5	113.4	117.3	117.3
Lakeland-Winter Haven .....	21.6	20.6	20.6	7.5	7.3	7.2	42.8	43.8	43.6
Melbourne-Titusville-Palm Bay .....	31.0	28.9	29.0	4.6	4.7	4.7	38.5	37.1	37.0
Miami-Hialeah .....	87.7	85.8	86.3	72.9	64.7	64.6	238.8	228.2	227.9
Orlando .....	53.7	51.4	51.1	29.3	29.1	29.1	147.7	146.2	146.1
Pensacola .....	11.9	11.2	11.3	6.5	6.4	6.4	33.2	33.6	33.6
Sarasota .....	8.9	8.5	8.5	3.8	3.5	3.6	33.6	33.2	33.0
Tallahassee .....	4.6	4.2	4.2	3.1	3.2	3.2	27.1	27.4	27.4
Tampa-St. Petersburg-Clearwater .....	92.6	88.4	88.7	41.4	41.8	42.0	241.6	245.7	245.3
West Palm Beach-Boca Raton-Delray Beach .....	32.7	31.0	31.0	14.4	14.9	14.9	91.6	90.8	90.2

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	Finance, insurance, and real estate			Services			Government		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Alabama</b> .....	74.4	74.1	73.9	321.8	326.5	328.1	310.2	329.6	314.3
Birmingham .....	30.9	30.8	30.7	107.1	111.1	111.2	61.4	67.1	64.7
Huntsville .....	4.0	4.1	4.0	33.5	33.3	33.5	31.0	31.9	31.1
Mobile .....	8.2	8.0	7.9	43.1	45.1	45.0	28.1	31.7	27.9
Montgomery .....	8.5	8.5	8.4	31.0	31.7	31.6	33.5	35.2	33.7
Tuscaloosa .....	2.2	2.2	2.2	10.1	9.8	9.9	19.2	19.6	19.8
<b>Alaska</b> .....	10.5	10.6	10.5	54.5	56.0	56.2	69.2	68.7	69.6
<b>Arizona</b> .....	95.4	95.0	95.2	405.2	419.8	419.7	233.9	238.6	243.4
Phoenix .....	76.2	75.9	76.0	273.9	282.6	282.3	121.2	124.8	124.9
Tucson .....	11.7	11.7	11.7	73.7	77.6	77.7	51.2	48.6	50.9
<b>Arkansas</b> .....	38.7	39.0	39.1	195.8	205.6	206.6	146.9	149.8	152.0
Fayetteville-Springdale .....	1.7	1.6	1.7	10.0	9.8	9.8	10.9	11.3	11.4
Fort Smith .....	2.7	2.7	2.7	20.3	20.2	20.3	7.3	7.5	7.6
Little Rock-North Little Rock .....	15.7	16.0	16.0	67.8	68.9	69.1	46.6	47.3	47.9
Pine Bluff .....	1.3	1.2	1.2	7.5	7.3	7.2	7.2	7.2	7.2
<b>California</b> .....	850.9	842.1	842.5	3,500.7	3,565.3	3,572.6	1,959.4	2,023.8	1,990.6
Anaheim-Santa Ana .....	103.7	103.8	103.3	331.1	333.3	333.3	115.6	118.8	116.7
Bakersfield .....	6.9	6.8	6.8	36.1	36.9	36.9	39.8	42.3	41.2
Fresno .....	13.6	13.9	14.0	56.9	59.5	59.3	47.4	48.9	49.6
Los Angeles-Long Beach .....	293.8	289.7	290.5	1,248.0	1,274.6	1,276.6	512.8	529.9	517.3
Modesto .....	5.0	4.8	4.8	25.1	25.8	25.9	18.9	18.3	19.9
Oakland .....	58.8	57.4	57.5	227.6	232.1	232.5	158.2	162.0	159.8
Oxnard-Ventura .....	12.2	12.1	12.1	57.1	58.2	58.3	43.7	44.2	43.0
Riverside-San Bernardino .....	32.8	33.7	33.5	176.7	188.8	188.8	139.8	148.6	144.8
Sacramento .....	42.0	43.4	43.6	143.3	145.1	145.7	179.1	183.6	180.4
Salinas-Seaside-Monterey .....	6.3	6.6	6.6	29.1	29.5	29.4	26.8	28.7	28.1
San Diego .....	68.6	66.2	65.8	280.9	284.6	286.2	166.3	170.0	167.7
San Francisco .....	108.8	109.0	108.8	322.3	326.8	328.1	130.3	137.1	134.1
San Jose .....	32.9	32.4	32.2	221.3	221.7	222.6	88.6	87.4	88.2
Santa Barbara-Santa Maria-Lompoc .....	8.6	8.6	8.6	43.3	44.2	44.1	27.4	27.4	27.1
Santa Rosa-Petaluma .....	8.9	9.0	9.2	35.8	37.2	37.5	20.6	21.2	21.6
Stockton .....	9.7	9.6	9.8	33.1	33.7	33.6	33.7	34.3	33.1
Vallejo-Fairfield-Napa .....	5.4	5.3	5.3	33.1	34.1	34.2	36.7	37.7	36.8
<b>Colorado</b> .....	98.6	98.7	98.3	411.3	422.0	423.2	257.7	267.4	266.0
Boulder-Longmont .....	4.2	4.2	4.3	28.9	29.5	29.8	20.0	20.7	20.5
Denver .....	65.8	66.5	66.2	234.5	241.7	242.9	119.6	125.9	126.0
<b>Connecticut</b> .....	153.1	149.1	148.8	434.4	438.1	434.4	199.6	203.6	198.7
Bridgeport-Milford .....	11.6	11.3	11.4	51.9	52.4	52.3	18.8	18.3	18.0
Hartford .....	75.9	73.5	73.5	115.7	113.9	112.1	60.8	62.7	62.1
New Britain .....	3.0	2.8	2.8	14.2	14.5	14.4	6.8	6.7	6.6
New Haven-Menden .....	17.1	16.1	16.1	79.9	80.0	78.8	30.7	30.9	30.3
Stamford .....	14.2	14.2	14.3	39.2	39.1	38.8	9.8	9.6	9.5
Waterbury .....	4.7	4.4	4.4	21.6	21.8	22.0	12.7	12.6	12.5
<b>Delaware</b> .....	32.3	32.5	32.4	85.9	84.6	84.6	43.9	45.3	44.4
Wilmington .....	28.9	29.2	29.1	76.0	75.2	74.9	35.0	35.4	35.0
<b>District of Columbia</b> .....	33.9	32.5	32.1	258.4	260.0	259.2	276.7	282.8	275.0
Washington MSA .....	132.1	128.4	127.8	761.2	764.9	763.3	571.3	581.4	569.7
<b>Florida</b> .....	373.0	358.5	357.3	1,598.2	1,644.3	1,640.8	782.8	825.8	811.7
Daytona Beach .....	5.8	5.6	5.6	37.2	37.8	37.2	19.3	21.1	20.8
Fort Lauderdale-Hollywood-Pompano Beach .....	40.5	39.0	39.1	153.7	155.5	154.8	63.5	66.7	66.4
Fort Myers-Cape Coral .....	9.4	9.0	8.8	36.2	37.9	37.8	18.2	19.2	19.3
Gainesville .....	4.8	4.7	4.7	25.8	25.9	26.1	35.6	34.8	35.1
Jacksonville .....	42.8	42.1	42.2	114.7	115.7	115.3	59.7	59.7	59.6
Lakeland-Winter Haven .....	9.1	8.9	8.8	37.9	39.0	38.7	21.1	22.7	22.0
Melbourne-Titusville-Palm Bay .....	5.8	5.3	5.3	52.9	53.9	54.0	23.2	23.6	23.3
Miami-Hialeah .....	70.8	69.6	69.7	252.5	248.7	248.5	112.8	116.7	114.7
Orlando .....	32.9	31.7	31.4	207.1	211.6	210.0	58.8	60.8	59.8
Pensacola .....	5.7	5.7	5.7	35.1	35.5	35.7	29.6	29.7	29.5
Sarasota .....	8.5	8.1	8.1	39.8	42.7	42.6	12.8	13.1	13.1
Tallahassee .....	5.3	5.3	5.3	27.9	28.1	28.2	48.5	49.2	49.1
Tampa-St. Petersburg-Clearwater .....	65.5	63.6	63.6	277.4	285.8	287.0	106.2	109.9	107.9
West Palm Beach-Boca Raton-Delray Beach .....	28.3	27.2	27.0	113.2	116.9	116.2	43.2	43.2	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	Total			Mining			Construction		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Georgia</b> .....	3,011.3	2,953.7	2,951.4	8.8	8.4	8.4	153.9	136.5	133.1
Albany .....	49.6	50.4	50.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.8	3.1	2.9
Athens .....	67.2	65.4	65.8	.1	.1	.1	2.7	2.5	2.5
Atlanta .....	1,491.6	1,465.6	1,459.8	1.2	1.1	1.1	70.7	63.1	61.6
Augusta .....	184.9	182.3	182.2	.6	.6	.5	18.7	17.4	17.4
Columbus .....	97.8	97.6	97.9	.1	.1	.1	5.5	5.8	5.9
Macon-Warner Robins .....	128.8	126.7	126.9	.2	.1	.1	5.4	4.6	4.6
Savannah .....	115.1	113.7	113.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	10.8	10.6	10.4
<b>Hawaii</b> .....	527.0	534.0	533.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	32.2	33.6	33.4
Honolulu .....	407.8	411.4	410.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	24.1	25.3	25.0
<b>Idaho</b> .....	390.0	400.6	400.1	4.1	3.2	3.1	21.8	22.6	23.4
Boise City .....	107.4	109.5	109.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.4	6.2	6.6
<b>Illinois</b> .....	5,270.4	5,290.2	5,286.0	20.4	19.9	19.9	234.8	228.5	230.2
Aurora-Elgin .....	149.2	151.7	151.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.3	9.5	9.5
Bloomington-Normal .....	64.3	64.3	64.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.9	2.4	2.5
Champaign-Urbana-Rantoul .....	86.3	88.8	88.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.9	2.7	2.8
Chicago .....	3,196.8	3,221.9	3,218.7	2.4	2.2	2.2	136.5	135.5	136.1
Davenport-Rock Island-Moline .....	164.9	163.7	164.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.1	7.0	7.1
Decatur .....	54.5	52.9	54.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	3.6	3.7
Joliet .....	106.9	108.2	108.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.7	8.7	8.9
Kankakee .....	36.2	36.2	36.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	1.9	2.0
Lake County .....	223.0	226.8	228.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.7	12.1	12.3
Peoria .....	150.8	149.6	150.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.5	8.5	8.6
Rockford .....	139.6	137.2	134.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.3	6.4	6.2
Springfield .....	111.1	105.8	112.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.7	4.0	4.2
<b>Indiana</b> .....	2,533.7	2,516.6	2,525.6	8.3	7.6	7.6	130.5	126.9	128.1
Anderson .....	50.1	49.3	49.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.4	1.5
Bloomington .....	53.0	55.0	54.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.8	2.8
Elkhart-Goshen .....	103.9	104.1	104.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.9	3.8	3.8
Evansville .....	136.3	137.8	137.3	2.1	2.0	2.0	8.2	7.0	7.5
Fort Wayne .....	205.7	204.4	205.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.0	10.8	10.7
Gary-Hammond .....	245.9	247.5	246.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.3	16.4	17.0
Indianapolis .....	678.6	684.3	686.2	.8	.8	.8	40.6	40.5	40.8
Kokomo .....	47.4	45.6	45.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.6	1.6
Lafayette-West Lafayette .....	66.7	66.6	65.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	2.8	2.8
Muncie .....	53.3	53.8	53.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.5	2.6
South Bend-Mishawaka .....	118.0	119.2	119.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.3	7.9	8.0
Terre Haute .....	57.7	58.6	58.7	.5	.5	.6	3.1	2.7	2.8
<b>Iowa</b> .....	1,218.6	1,226.5	1,221.9	2.2	2.2	2.2	52.2	52.3	52.3
Cedar Rapids .....	94.6	93.1	93.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.2	4.8	4.8
Des Moines .....	232.4	232.1	232.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.2	10.0	10.2
Dubuque .....	43.5	46.1	44.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.1	2.0
Iowa City .....	54.6	55.2	55.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	1.9	1.9
Sioux City .....	55.7	56.3	56.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	3.0	3.0
Waterloo-Cedar Falls .....	68.2	69.6	69.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.7	2.6
<b>Kansas</b> .....	1,076.1	1,083.4	1,082.5	10.1	10.1	10.1	43.9	45.0	44.9
Lawrence .....	36.6	34.7	35.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	1.7	1.8
Topeka .....	91.2	90.4	89.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.9	3.8	3.8
Wichita .....	240.3	245.5	245.4	1.9	1.9	1.9	10.1	11.2	11.1
<b>Kentucky</b> .....	1,479.2	1,482.1	1,490.1	36.1	34.2	34.5	71.6	69.5	70.1
Lexington-Fayette .....	201.0	198.1	199.1	.3	.2	.3	11.3	10.3	10.0
Louisville .....	483.7	489.9	492.8	.6	.6	.6	25.0	24.2	24.2
Owensboro .....	36.5	35.7	36.3	.6	.4	.4	2.3	2.2	2.3
<b>Louisiana</b> .....	1,598.3	1,619.2	1,615.1	56.0	56.5	56.2	92.6	96.8	97.7
Alexandria .....	46.4	47.0	47.0	.1	.1	.1	3.3	3.6	3.5
Baton Rouge .....	235.8	238.2	236.3	.9	.9	.9	27.1	27.4	27.2
Houma-Thibodaux .....	57.9	59.5	59.1	5.4	5.7	5.6	2.0	2.3	2.3
Lafayette .....	98.8	100.5	100.5	12.8	12.6	12.6	4.4	4.6	4.6
Lake Charles .....	67.1	69.2	69.0	1.3	1.3	1.3	6.1	7.6	7.9
Monroe .....	58.8	59.4	58.1	.4	.4	.4	2.8	3.0	3.2
New Orleans .....	538.1	539.2	540.3	14.0	13.9	13.9	22.8	23.4	23.6
Shreveport .....	131.9	133.1	133.5	3.1	3.0	3.0	6.4	6.6	6.6

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Georgia</b> .....	562.2	540.3	544.3	201.6	192.8	193.0	749.6	730.3	728.5
Albany .....	8.3	8.1	8.1	2.9	2.8	2.8	11.9	12.2	12.4
Athens .....	15.2	14.5	14.8	2.0	1.9	1.9	15.5	14.7	15.0
Allanta .....	174.6	168.6	170.2	130.5	124.7	124.4	407.0	395.3	392.6
Augusta .....	41.8	41.9	41.7	4.8	4.6	4.6	39.3	38.2	38.5
Columbus .....	20.8	20.5	20.4	3.4	3.3	3.3	20.7	19.1	19.4
Macon-Warner Robins .....	19.1	18.6	18.6	5.2	5.3	5.3	29.1	28.5	28.6
Savannah .....	17.4	16.6	16.7	10.2	9.5	9.4	27.6	26.7	26.8
<b>Hawaii</b> .....	21.1	20.7	20.5	42.1	42.4	42.1	136.9	136.8	136.0
Honolulu .....	16.0	15.3	15.3	34.2	34.5	34.6	103.3	102.7	102.0
<b>Idaho</b> .....	64.0	65.4	63.5	20.1	20.2	20.4	99.5	100.9	101.1
Boise City .....	16.3	16.5	16.6	5.9	5.9	6.0	27.1	27.0	26.1
<b>Illinois</b> .....	986.4	975.1	975.4	304.9	306.9	306.1	1,264.6	1,273.6	1,276.2
Aurora-Elgin .....	38.3	38.5	38.6	3.8	3.8	3.7	40.1	40.8	41.0
Bloomington-Normal .....	7.7	7.7	7.8	3.2	3.0	3.0	15.2	15.1	15.0
Champaign-Urbana-Rantoul .....	9.6	9.8	9.7	2.4	2.3	2.4	18.8	18.9	19.0
Chicago .....	560.2	555.7	556.8	209.8	208.2	207.9	757.0	769.4	771.4
Davenport-Rock Island-Moline .....	32.7	31.3	31.6	7.5	7.5	7.5	47.5	47.3	47.4
Decatur .....	14.6	13.5	14.7	4.2	4.3	4.3	12.3	11.4	11.5
Joliet .....	20.0	19.6	19.8	8.4	8.5	8.6	25.4	25.7	25.8
Kankakee .....	5.7	5.6	5.6	2.2	2.1	2.2	8.8	8.8	9.1
Lake County .....	48.2	48.8	48.9	6.0	5.9	5.9	59.8	60.5	61.9
Peoria .....	33.9	32.8	33.0	7.1	7.0	7.1	35.7	35.2	35.6
Rockford .....	48.7	47.0	44.0	4.8	4.9	4.8	30.0	30.0	30.1
Springfield .....	4.3	3.9	4.2	4.7	4.8	4.8	25.2	23.1	25.4
<b>Indiana</b> .....	640.5	627.9	629.9	132.7	134.7	135.0	604.7	599.7	602.1
Anderson .....	16.0	15.5	16.0	1.2	1.2	1.1	12.2	12.0	11.9
Bloomington .....	9.4	9.2	9.1	1.7	1.7	1.8	12.4	12.0	12.2
Elkhart-Goshen .....	51.8	51.8	51.4	3.4	3.2	3.2	19.2	19.4	19.3
Evansville .....	31.1	31.6	31.0	7.0	7.0	6.8	35.6	35.5	35.3
Fort Wayne .....	51.4	50.8	50.9	13.9	14.3	14.4	51.7	50.5	51.2
Gary-Hammond .....	57.7	56.0	56.0	16.8	16.7	16.8	59.6	59.9	60.2
Indianapolis .....	110.9	110.6	110.2	44.3	44.0	44.3	173.7	175.8	176.7
Kokomo .....	18.7	17.3	17.5	1.4	1.4	1.4	10.6	9.9	9.9
Lafayette-West Lafayette .....	14.2	13.9	13.9	2.0	2.1	2.1	14.5	14.0	14.2
Muncie .....	11.3	11.0	10.9	2.7	2.7	2.6	13.0	13.0	13.1
South Bend-Mishawaka .....	21.8	20.9	21.0	5.7	5.6	5.6	31.3	31.1	31.3
Terre Haute .....	10.9	11.3	11.4	2.8	2.8	2.8	15.8	16.2	16.2
<b>Iowa</b> .....	236.6	232.9	232.6	56.3	55.5	55.6	311.6	310.1	311.3
Cedar Rapids .....	21.8	21.0	21.2	6.2	6.1	6.1	22.7	22.5	22.5
Des Moines .....	26.6	26.0	26.2	12.6	12.3	12.3	60.1	59.1	59.2
Dubuque .....	11.4	13.0	11.4	1.7	1.7	1.7	10.5	10.5	10.5
Iowa City .....	4.4	4.8	4.9	1.4	1.4	1.4	10.8	11.0	11.0
Sioux City .....	11.0	10.7	10.6	3.2	3.3	3.3	14.2	14.1	14.1
Waterloo-Cedar Falls .....	17.0	17.0	16.8	1.8	1.9	1.9	16.7	16.9	16.8
<b>Kansas</b> .....	184.9	186.1	186.1	66.5	68.3	68.2	268.0	267.9	268.9
Lawrence .....	4.7	4.7	4.7	1.1	1.0	1.0	8.3	7.7	7.7
Topeka .....	9.3	9.6	9.2	7.0	6.9	6.9	19.8	19.2	19.2
Wichita .....	64.0	63.9	64.3	11.8	11.6	11.5	56.3	57.7	58.0
<b>Kentucky</b> .....	288.6	281.4	283.6	81.3	82.3	83.1	353.7	355.0	356.1
Lexington-Fayette .....	33.3	32.3	32.2	9.1	9.2	9.4	44.7	44.7	45.1
Louisville .....	89.4	86.5	88.9	31.5	31.2	31.7	120.6	123.5	123.6
Owensboro .....	6.7	6.5	6.6	2.3	2.4	2.4	9.5	9.4	9.4
<b>Louisiana</b> .....	186.5	183.6	184.4	111.5	111.2	111.2	374.0	377.9	378.1
Alexandria .....	3.3	3.2	3.2	2.4	2.4	2.4	10.6	10.7	10.8
Baton Rouge .....	23.0	23.3	23.3	11.1	11.3	11.3	53.9	54.4	54.6
Houma-Thibodaux .....	5.8	6.0	6.1	6.8	6.6	6.7	14.6	15.0	14.9
Lafayette .....	9.3	9.5	9.4	6.9	7.2	7.1	25.2	25.9	26.0
Lake Charles .....	11.6	10.1	10.0	4.2	4.4	4.6	15.5	15.9	15.9
Monroe .....	7.7	7.8	7.8	3.2	3.0	3.0	14.9	14.9	15.0
New Orleans .....	45.3	45.3	45.4	44.2	44.0	44.2	134.3	132.4	133.1
Shreveport .....	17.8	17.1	17.5	8.1	8.2	8.2	32.1	33.0	33.1

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	Finance, insurance, and real estate			Services			Government		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Georgia</b> .....	164.2	163.3	163.0	648.1	654.4	653.5	522.8	527.7	527.6
Albany .....	2.2	2.2	2.2	9.2	9.3	9.3	12.3	12.7	12.5
Athens .....	2.2	2.1	2.1	10.7	11.2	11.2	18.8	18.4	18.2
Atlanta .....	108.7	108.2	107.8	381.0	382.2	380.6	217.9	222.4	221.5
Augusta .....	6.2	5.9	5.9	37.2	37.3	37.4	36.3	36.4	36.2
Columbus .....	6.3	6.5	6.5	19.9	21.1	21.3	21.0	21.2	21.0
Macon-Warner Robins .....	7.9	8.4	8.4	27.0	26.7	26.7	34.8	34.5	34.6
Savannah .....	5.0	5.4	5.4	27.6	28.5	28.6	16.6	16.4	16.4
<b>Hawaii</b> .....	37.5	38.0	38.0	155.7	159.6	159.8	101.5	102.9	103.5
Honolulu .....	30.1	30.6	30.5	116.5	118.8	118.7	83.6	84.2	84.5
<b>Idaho</b> .....	20.0	20.6	20.8	84.3	87.4	88.0	76.2	80.3	79.9
Boise City .....	8.3	8.4	8.4	24.8	25.7	26.1	18.6	19.8	19.7
<b>Illinois</b> .....	378.4	377.1	377.2	1,355.3	1,378.3	1,377.7	725.6	730.8	723.3
Aurora-Elgin .....	8.3	8.5	8.5	34.8	35.6	35.7	14.6	15.0	14.9
Bloomington-Normal .....	11.4	11.3	11.5	14.6	15.0	15.0	9.3	9.8	9.9
Champaign-Urbana-Rantoul .....	3.3	3.3	3.3	18.2	18.8	19.1	31.1	33.0	32.1
Chicago .....	270.1	268.7	268.7	899.6	912.0	913.9	361.2	370.2	361.7
Davenport-Rock Island-Moline .....	7.7	7.8	7.9	38.0	38.2	38.4	24.4	24.6	24.4
Decatur .....	2.3	2.3	2.3	12.4	12.5	12.6	5.1	5.3	5.1
Joliet .....	3.8	3.8	3.8	25.0	25.4	25.5	15.6	16.5	16.4
Kankakee .....	2.1	1.9	1.9	9.6	10.1	10.0	5.9	5.8	5.9
Lake County .....	13.4	13.6	13.6	53.6	56.2	56.1	29.3	29.7	29.6
Peoria .....	7.7	7.7	7.7	42.3	42.6	42.9	15.6	15.8	15.7
Rockford .....	5.6	5.6	5.5	32.7	31.8	32.3	11.5	11.5	11.3
Springfield .....	8.1	8.2	8.1	30.2	27.6	30.6	34.9	34.2	35.3
<b>Indiana</b> .....	124.9	127.1	127.2	538.5	545.6	548.4	353.5	347.0	347.2
Anderson .....	1.6	1.6	1.6	11.3	11.3	11.4	6.3	6.3	6.2
Bloomington .....	1.8	2.0	2.0	10.2	11.8	11.9	15.0	15.3	15.0
Elkhart-Goshen .....	3.0	2.5	2.5	16.8	17.6	18.0	5.8	5.9	5.8
Evansville .....	5.3	5.5	5.4	35.1	36.2	36.2	11.8	13.1	12.9
Fort Wayne .....	13.0	13.2	13.1	47.0	47.3	47.6	17.6	17.6	17.4
Gary-Hammond .....	8.6	8.6	8.6	57.5	59.6	59.7	28.4	30.3	28.4
Indianapolis .....	50.5	53.2	53.0	159.9	162.4	163.0	97.9	97.1	97.4
Kokomo .....	1.5	1.4	1.4	7.5	7.5	7.6	6.1	6.4	6.1
Lafayette-West Lafayette .....	3.0	3.1	3.1	13.0	13.2	13.3	17.1	17.6	16.6
Muncie .....	1.7	1.8	1.7	12.2	12.6	12.7	10.1	10.3	10.1
South Bend-Mishawaka .....	6.4	6.6	6.6	34.1	35.0	35.2	11.3	12.0	11.8
Terre Haute .....	2.1	2.1	2.1	12.7	12.8	12.6	9.8	10.3	10.2
<b>Iowa</b> .....	70.2	72.2	72.1	286.7	294.7	294.5	202.8	206.6	201.3
Cedar Rapids .....	4.8	5.0	5.0	23.0	23.3	23.3	10.9	10.4	10.2
Des Moines .....	32.0	32.8	32.7	60.5	60.8	60.7	30.4	31.1	30.8
Dubuque .....	1.5	1.6	1.6	12.9	13.8	13.8	3.4	3.4	3.4
Iowa City .....	1.5	1.5	1.5	9.7	9.9	9.7	24.9	24.7	24.6
Sioux City .....	2.6	2.6	2.6	15.7	16.6	16.7	6.3	6.0	5.8
Waterloo-Cedar Falls .....	3.1	3.4	3.4	15.9	16.6	16.5	11.0	11.1	11.1
<b>Kansas</b> .....	58.4	58.9	58.7	243.2	250.2	251.1	201.1	196.9	194.5
Lawrence .....	1.6	1.6	1.6	8.0	8.2	8.2	11.0	9.8	10.8
Topeka .....	6.4	6.4	6.4	23.4	23.3	23.3	21.4	21.2	20.9
Wichita .....	11.3	11.6	11.5	58.1	61.0	61.4	26.8	26.6	25.7
<b>Kentucky</b> .....	62.3	62.3	62.3	333.3	341.8	341.0	252.3	255.6	259.4
Lexington-Fayette .....	9.5	9.7	9.7	49.8	49.9	49.8	43.0	41.8	42.6
Louisville .....	27.9	28.2	28.2	127.2	130.7	131.2	61.5	65.0	64.4
Owensboro .....	1.5	1.5	1.5	8.6	8.4	8.5	5.0	4.9	5.2
<b>Louisiana</b> .....	79.0	79.3	79.4	376.8	381.6	381.8	321.9	332.3	326.3
Alexandria .....	2.1	2.1	2.1	12.3	12.4	12.5	12.3	12.5	12.4
Baton Rouge .....	13.0	13.0	13.0	54.4	55.2	55.4	52.4	52.7	50.6
Houma-Thibodaux .....	2.1	2.1	2.1	10.9	11.2	11.1	10.3	10.6	10.3
Lafayette .....	3.3	3.4	3.4	22.9	23.1	23.5	14.0	14.2	13.9
Lake Charles .....	2.6	2.8	2.8	14.8	15.4	15.6	11.0	11.7	10.9
Monroe .....	4.4	4.5	4.5	13.1	13.6	13.5	12.3	12.2	10.7
New Orleans .....	31.9	31.0	31.3	152.6	157.0	156.7	93.0	92.2	92.1
Shreveport .....	6.3	6.7	6.7	33.8	34.2	34.1	24.3	24.3	24.3

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Maine</b> .....	546.1	517.3	520.0	0.2	0.2	0.2	30.4	25.7	26.2
Lewiston-Auburn .....	39.4	36.5	37.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.1	1.8	1.8
Portland .....	131.1	124.8	125.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	7.0	5.6	5.7
<b>Maryland</b> .....	2,180.5	2,160.5	2,150.5	2.1	2.1	2.2	164.1	156.5	156.1
Baltimore MSA .....	1,157.6	1,144.2	1,138.6	.5	.5	.5	78.2	74.2	74.1
Baltimore City .....	472.9	464.5	463.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	19.7	18.2	18.2
Suburban Maryland-D.C. ....	773.7	770.5	767.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	70.1	65.7	65.4
<b>Massachusetts</b> .....	2,951.2	2,804.2	2,798.3	1.5	1.6	1.6	103.7	78.4	78.4
Boston .....	1,647.7	1,582.1	1,572.5	.6	.7	.7	52.3	41.5	41.4
Brockton .....	69.5	66.0	66.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.3	2.2	2.3
Fall River .....	51.4	49.1	50.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.9	1.7	1.7
Fitchburg-Leominster .....	37.7	35.6	35.5	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.7	1.3	1.3
Lawrence-Haverhill .....	154.2	145.3	145.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	6.0	4.6	4.6
Lowell .....	97.5	92.2	92.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.8	3.3	3.3
New Bedford .....	65.3	62.1	62.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.6	2.2	2.1
Pittsfield .....	42.5	41.3	41.2	.1	.1	.1	2.4	2.1	2.1
Springfield .....	230.9	223.4	222.2	.2	.2	.2	8.4	6.6	6.6
Worcester .....	189.2	177.1	176.9	.2	.2	.2	6.9	5.0	4.9
<b>Michigan</b> .....	3,944.5	3,839.7	3,853.3	8.3	9.5	9.5	151.4	139.1	140.3
Ann Arbor .....	173.7	170.3	170.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.4	4.1	4.0
Battle Creek .....	60.4	58.7	59.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.5	2.6
Benton Harbor .....	67.6	67.2	67.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.2	2.3
Detroit .....	1,931.9	1,887.9	1,888.1	1.0	1.1	1.2	67.6	62.6	62.3
Flint .....	170.8	170.5	170.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.7	5.3	5.4
Grand Rapids .....	356.6	357.0	358.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.0	16.2	16.5
Jackson .....	55.8	53.6	53.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.1	2.2
Kalamazoo .....	113.2	112.0	112.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.3	4.0	4.0
Lansing-East Lansing .....	213.0	206.3	209.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.1	6.9	6.8
Muskegon .....	60.2	59.0	59.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	2.5	2.6
Saginaw-Bay City-Midland .....	164.8	166.9	167.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.6	8.5	8.6
<b>Minnesota</b> .....	2,132.4	2,142.2	2,144.4	9.0	9.0	9.1	91.4	85.3	87.1
Duluth .....	100.0	98.3	98.7	5.5	5.4	5.5	4.3	4.0	4.0
Minneapolis-St. Paul .....	1,371.3	1,377.5	1,377.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	55.7	51.8	52.8
Rochester .....	66.8	67.7	67.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.5	2.5	2.4
St. Cloud .....	77.2	78.8	79.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	3.8	3.9
<b>Mississippi</b> .....	929.9	936.0	936.5	6.1	5.9	5.9	37.9	35.2	35.4
Jackson .....	185.1	185.3	185.4	.6	.5	.6	7.9	7.1	7.1
<b>Missouri</b> .....	2,334.8	2,318.0	2,315.8	5.4	4.9	4.9	108.3	105.9	106.5
Kansas City .....	783.7	787.3	786.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	34.2	35.2	35.2
St. Louis .....	1,182.0	1,174.5	1,169.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	60.7	55.1	55.9
Springfield .....	120.3	120.9	120.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	5.0	5.0
<b>Montana</b> .....	301.3	301.8	304.4	6.6	6.2	6.2	12.4	12.1	12.6
<b>Nebraska</b> .....	730.3	764.6	769.9	1.9	2.0	2.0	29.9	34.8	35.2
Lincoln .....	120.5	122.5	123.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	4.6	4.5
Omaha .....	332.5	346.7	348.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.0	15.3	15.5
<b>Nevada</b> .....	634.6	636.9	639.3	14.9	14.8	15.0	51.2	46.4	46.5
Las Vegas .....	383.0	385.6	387.6	.3	.3	.2	37.0	33.3	33.5
Reno .....	146.2	145.2	145.3	1.6	1.5	1.5	7.9	7.6	7.7
<b>New Hampshire</b> .....	510.8	480.6	484.9	.4	.4	.4	23.9	18.2	18.5
Manchester .....	80.9	77.9	77.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	2.5	2.5
Nashua .....	87.0	80.9	81.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.3	2.0	2.0
Portsmouth-Dover-Rochester .....	114.9	107.3	108.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.1	3.5	3.5
<b>New Jersey</b> .....	3,690.6	3,588.7	3,577.8	2.4	2.3	2.3	155.1	134.0	132.9
Atlantic City .....	193.4	188.0	186.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.4	7.1	6.9
Bergen-Passaic .....	650.1	626.6	624.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	28.9	25.1	24.5
Camden .....	447.4	442.4	438.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	24.0	22.5	22.3
Jersey City .....	248.9	234.1	235.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.8	5.2	4.7
Middlesex-Somerset-Hunterdon .....	548.3	539.6	538.4	.7	.7	.6	22.3	20.6	20.7
Monmouth-Ocean .....	345.2	345.6	343.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16.5	14.9	14.6
Newark .....	938.6	919.0	912.6	.8	.6	.6	36.4	33.3	32.9
Trenton .....	195.3	191.2	189.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.8	4.4	4.5
Vineland-Millville-Bridgeton .....	60.4	58.8	59.3	.4	.3	.4	2.3	2.2	2.3

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Maine</b> .....	105.6	94.6	97.1	22.5	22.5	22.5	142.0	132.8	133.3
Lewiston-Auburn .....	9.0	7.6	8.2	1.4	1.3	1.3	10.4	9.7	9.9
Portland .....	17.1	16.1	16.3	6.6	7.3	7.3	39.7	36.6	37.0
<b>Maryland</b> .....	206.7	195.6	200.0	102.2	101.2	101.2	540.5	534.1	533.2
Baltimore MSA .....	130.1	121.9	124.4	57.0	56.4	56.1	270.6	266.1	265.4
Baltimore City .....	44.8	40.5	43.3	28.2	28.2	27.6	88.0	85.6	85.3
Suburban Maryland-D.C. ....	36.3	35.5	35.4	32.3	33.6	33.4	198.8	198.4	197.6
<b>Massachusetts</b> .....	516.3	477.7	482.4	125.7	120.0	120.5	699.0	653.2	649.0
Boston .....	238.1	224.0	223.9	74.9	72.2	72.3	362.3	342.7	339.5
Brockton .....	9.1	8.2	8.3	4.7	4.0	4.1	22.5	21.5	21.4
Fall River .....	13.8	12.1	13.2	1.9	1.7	1.7	13.0	13.0	13.0
Fitchburg-Leominster .....	10.9	10.4	10.5	1.2	1.2	1.2	9.7	9.1	9.0
Lawrence-Haverhill .....	44.0	41.2	41.6	6.0	5.6	5.6	36.6	34.3	34.3
Lowell .....	31.0	28.9	28.7	4.5	4.6	4.6	21.9	20.7	20.7
New Bedford .....	15.8	14.6	15.3	2.7	2.6	2.7	17.0	16.1	16.2
Pittsfield .....	9.2	8.7	8.6	1.3	1.3	1.3	9.8	9.4	9.4
Springfield .....	45.8	43.7	43.4	10.0	9.6	9.7	53.0	50.8	50.7
Worcester .....	40.3	36.4	37.5	8.9	8.1	8.2	45.9	42.4	42.1
<b>Michigan</b> .....	944.9	881.2	894.5	160.7	157.0	157.0	957.2	931.0	934.2
Ann Arbor .....	38.9	34.1	35.2	5.3	5.3	5.4	31.6	31.7	31.6
Battle Creek .....	16.3	14.7	15.5	1.7	1.6	1.6	12.8	12.9	12.8
Benton Harbor .....	22.0	21.0	21.2	2.8	2.8	2.8	14.9	14.1	13.9
Detroit .....	441.0	420.0	424.3	89.9	89.5	89.7	475.6	459.2	459.5
Flint .....	51.1	48.4	48.2	4.4	4.8	4.7	44.3	44.1	43.6
Grand Rapids .....	103.2	99.8	100.7	12.3	11.9	11.9	96.4	97.9	98.6
Jackson .....	13.3	12.4	12.0	3.9	3.7	3.6	13.7	13.2	13.6
Kalamazoo .....	29.5	28.4	28.3	3.4	3.4	3.5	26.7	25.2	25.5
Lansing-East Lansing .....	31.9	25.4	28.4	5.9	5.9	5.9	47.8	46.9	47.2
Muskegon .....	16.4	16.1	16.0	2.3	2.2	2.2	14.8	14.5	14.7
Saginaw-Bay City-Midland .....	44.4	43.6	43.9	6.4	6.3	6.3	41.7	43.0	43.1
<b>Minnesota</b> .....	408.2	398.7	402.0	107.9	107.5	107.7	525.2	523.4	525.2
Duluth .....	8.8	9.0	8.8	6.3	6.0	6.2	25.2	24.1	24.2
Minneapolis-St. Paul .....	262.7	255.9	256.8	76.2	75.5	75.6	332.7	331.6	333.2
Rochester .....	12.4	12.2	11.9	1.9	1.9	1.9	13.7	13.6	13.6
St. Cloud .....	14.8	15.7	15.9	3.9	4.2	4.3	23.2	23.5	23.6
<b>Mississippi</b> .....	248.2	244.2	246.6	45.6	45.3	45.3	200.8	203.7	204.4
Jackson .....	21.8	21.5	21.6	12.9	13.1	13.0	44.3	44.5	44.5
<b>Missouri</b> .....	436.8	419.9	420.2	153.4	151.1	151.7	566.9	557.9	558.3
Kansas City .....	109.4	109.7	109.5	63.0	63.5	63.6	201.1	199.0	199.2
St. Louis .....	222.6	211.6	211.1	77.7	77.7	77.6	284.7	281.4	280.3
Springfield .....	22.0	21.5	21.7	7.6	7.3	7.4	34.8	34.8	34.7
<b>Montana</b> .....	23.1	23.4	23.4	20.2	20.4	20.4	81.8	81.9	82.5
<b>Nebraska</b> .....	99.5	100.9	103.1	45.9	46.0	46.1	188.5	193.6	195.6
Lincoln .....	15.1	14.7	15.1	6.8	7.0	6.9	26.3	26.1	26.6
Omaha .....	37.3	39.6	40.1	23.3	23.4	23.4	83.3	85.2	86.2
<b>Nevada</b> .....	26.9	26.5	26.6	32.6	34.2	34.0	126.8	130.0	130.0
Las Vegas .....	11.0	10.1	10.1	19.6	20.7	20.5	76.6	78.4	78.4
Reno .....	8.8	8.9	8.9	9.7	9.8	9.8	33.9	34.0	34.1
<b>New Hampshire</b> .....	106.4	97.0	99.7	17.4	16.6	16.5	133.2	121.8	122.7
Manchester .....	11.2	10.6	10.9	4.6	4.6	4.6	21.3	19.7	19.7
Nashua .....	30.6	28.0	28.5	2.3	2.3	2.2	21.5	19.3	19.4
Portsmouth-Dover-Rochester .....	20.8	19.3	19.7	3.2	2.9	2.9	31.2	28.5	28.4
<b>New Jersey</b> .....	598.0	552.4	558.4	234.6	229.4	228.7	885.7	856.2	854.6
Atlantic City .....	7.7	6.8	6.8	7.3	7.3	7.3	47.3	46.7	46.6
Bergen-Passaic .....	135.6	124.4	125.7	30.7	28.8	28.8	183.9	177.4	175.7
Camden .....	67.3	62.2	62.2	19.0	19.0	18.8	119.3	115.4	115.9
Jersey City .....	39.6	34.4	35.6	30.5	27.3	27.5	63.0	61.4	61.7
Middlesex-Somerset-Hunterdon .....	107.6	103.2	104.5	42.0	41.3	41.3	132.7	127.4	126.4
Monmouth-Ocean .....	25.8	23.4	23.2	15.1	15.5	15.4	97.6	95.9	95.7
Newark .....	157.8	147.9	148.3	77.2	76.6	75.5	185.7	179.2	178.2
Trenton .....	26.5	25.2	24.8	7.0	7.1	6.7	31.4	30.0	29.5
Vineland-Millville-Bridgeton .....	15.7	14.8	15.1	2.5	2.4	2.4	11.6	10.6	10.6

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Maine</b> .....	25.3	25.5	25.4	136.2	134.3	134.1	83.9	81.7	81.2
Lewiston-Auburn .....	2.3	2.2	2.2	10.5	10.2	10.2	3.7	3.7	3.6
Portland .....	12.2	12.5	12.6	35.0	33.1	33.4	13.5	13.6	13.3
<b>Maryland</b> .....	133.5	131.2	130.6	631.1	633.7	630.7	400.3	406.1	396.5
Baltimore MSA .....	76.1	75.3	74.7	333.1	334.7	334.9	212.0	215.1	208.5
Baltimore City .....	45.0	44.0	43.7	153.9	154.0	153.7	93.3	94.0	92.1
Suburban Maryland-D.C. ....	47.4	46.0	45.9	237.7	238.7	237.7	151.1	152.6	151.6
<b>Massachusetts</b> .....	216.3	208.5	207.3	919.2	903.7	901.2	369.5	361.1	357.9
Boston .....	146.6	138.9	137.8	584.8	577.0	574.5	188.1	185.1	182.4
Brockton .....	3.2	3.1	3.1	16.1	16.1	16.2	11.6	10.9	10.9
Fall River .....	3.3	3.2	3.2	11.1	11.0	11.0	6.4	6.4	6.2
Fitchburg-Leominster .....	1.4	1.4	1.4	8.8	8.5	8.4	4.0	3.7	3.7
Lawrence-Haverhill .....	6.0	5.6	5.5	36.7	35.9	35.8	18.9	18.1	18.0
Lowell .....	3.4	3.0	2.9	21.2	20.2	20.4	11.7	11.5	11.6
New Bedford .....	2.4	2.5	2.5	15.5	15.1	15.1	9.3	9.0	8.9
Pittsfield .....	1.9	1.9	1.9	13.3	13.4	13.4	4.5	4.4	4.4
Springfield .....	15.5	14.5	14.3	62.6	63.0	63.1	35.4	35.0	34.2
Worcester .....	14.2	13.9	13.8	50.6	48.8	48.3	22.2	22.3	21.9
<b>Michigan</b> .....	193.9	194.9	194.9	950.1	952.5	954.6	578.1	574.5	568.3
Ann Arbor .....	4.9	4.9	4.9	40.3	41.5	41.4	47.3	48.5	47.5
Battle Creek .....	3.5	3.5	3.5	12.6	12.7	12.6	11.0	10.8	10.7
Benton Harbor .....	2.6	2.7	2.7	15.1	15.4	15.4	8.2	9.0	8.9
Detroit .....	114.0	114.9	114.7	525.7	520.2	519.0	217.0	220.4	217.4
Flint .....	6.6	6.5	6.5	37.6	39.7	40.2	21.0	21.7	22.0
Grand Rapids .....	16.1	16.8	16.7	80.0	83.1	83.2	30.6	31.3	31.2
Jackson .....	1.8	1.8	1.8	11.1	11.2	11.3	9.6	9.2	9.2
Kalamazoo .....	5.4	5.6	5.6	29.0	29.7	29.8	15.0	15.7	15.3
Lansing-East Lansing .....	13.0	13.4	13.6	44.1	44.2	44.6	63.2	63.7	62.7
Muskegon .....	1.6	1.5	1.5	13.1	13.4	13.5	9.1	8.8	8.7
Saginaw-Bay City-Midland .....	6.4	6.6	6.5	39.0	40.0	40.1	18.4	19.0	18.7
<b>Minnesota</b> .....	125.6	127.7	127.7	558.5	573.1	575.2	306.6	317.5	310.4
Duluth .....	3.3	3.4	3.4	25.3	25.2	25.6	21.3	21.2	21.0
Minneapolis-St. Paul .....	97.7	99.4	99.2	373.2	383.8	385.0	172.4	178.9	174.6
Rochester .....	1.8	1.8	1.8	28.8	29.7	29.8	5.7	6.0	6.0
St. Cloud .....	2.4	2.6	2.6	17.5	17.8	17.9	10.9	11.2	11.0
<b>Mississippi</b> .....	39.1	39.1	39.1	160.0	170.9	165.9	192.2	191.7	194.0
Jackson .....	14.3	14.1	14.1	44.5	45.5	45.5	38.8	38.9	38.9
<b>Missouri</b> .....	140.1	140.2	140.1	585.8	592.6	592.8	338.1	345.5	341.3
Kansas City .....	59.8	60.0	59.9	200.0	202.3	202.6	116.2	117.6	116.0
St. Louis .....	77.4	76.4	76.5	328.5	338.0	337.3	130.4	134.3	130.9
Springfield .....	5.4	5.4	5.4	32.2	33.1	33.3	13.3	13.8	13.2
<b>Montana</b> .....	13.7	13.7	13.9	78.9	79.6	79.9	64.6	64.5	65.5
<b>Nebraska</b> .....	48.8	50.3	50.4	179.8	192.5	194.0	136.0	144.5	143.5
Lincoln .....	8.5	8.6	8.7	28.0	29.4	29.6	31.4	32.1	32.5
Omaha .....	29.0	29.6	29.6	100.4	106.1	106.7	45.2	47.5	46.9
<b>Nevada</b> .....	29.0	29.1	29.2	281.3	278.7	279.7	71.9	77.2	78.3
Las Vegas .....	18.7	19.1	19.1	183.6	184.1	184.8	36.2	39.6	41.0
Reno .....	7.5	7.4	7.4	59.6	58.0	58.1	17.2	18.0	17.8
<b>New Hampshire</b> .....	32.1	31.0	31.0	130.9	131.0	131.0	66.5	64.6	65.1
Manchester .....	8.5	8.5	8.4	23.5	23.7	23.5	8.2	8.3	8.3
Nashua .....	3.6	3.5	3.5	19.6	19.9	20.3	6.1	5.9	5.9
Portsmouth-Dover-Rochester .....	7.3	7.2	7.2	24.1	23.5	23.3	24.2	22.4	23.0
<b>New Jersey</b> .....	243.0	236.4	235.8	1,013.7	1,018.7	1,014.4	558.1	559.3	550.7
Atlantic City .....	7.0	6.6	6.6	88.1	86.1	85.1	27.6	27.4	27.2
Bergen-Passaic .....	38.2	36.1	36.0	165.6	167.6	168.1	67.2	67.2	65.8
Camden .....	24.7	24.6	24.2	120.7	123.2	122.3	72.4	75.5	73.0
Jersey City .....	16.7	16.6	16.6	50.7	49.2	49.1	41.6	40.0	40.1
Middlesex-Somerset-Hunterdon .....	42.6	43.1	43.1	126.1	129.8	129.4	74.3	73.5	72.4
Monmouth-Ocean .....	19.8	19.3	19.4	107.1	109.7	109.2	63.3	66.9	66.0
Newark .....	75.2	73.8	72.8	271.3	275.3	274.0	134.2	132.3	130.3
Trenton .....	11.4	11.6	11.6	58.9	59.1	58.7	55.3	53.8	53.9
Vineland-Milville-Bridgeton .....	4.5	4.4	4.4	11.1	11.6	11.7	12.3	12.5	12.4

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	Total			Mining			Construction		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>New Mexico</b> .....	574.1	581.5	579.9	15.4	16.1	15.9	30.8	31.0	30.7
Albuquerque .....	245.5	248.1	247.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.0	13.1	13.0
Las Cruces .....	42.2	42.2	42.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.1	2.2
Santa Fe .....	62.2	62.7	62.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.4	3.3	3.4
<b>New York</b> .....	8,192.6	8,022.5	8,006.7	5.8	5.4	5.3	333.0	299.0	297.9
Albany-Schenectady-Troy .....	436.4	427.2	430.2	.4	.3	.3	21.7	17.9	18.7
Binghamton .....	118.3	113.2	113.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.6	4.7	4.7
Buffalo .....	462.9	457.9	458.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.3	20.2	20.5
Elmira .....	41.6	39.2	39.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	1.7	1.8
Glens Falls .....	51.9	49.5	49.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.3	2.3
Nassau-Suffolk .....	1,116.4	1,095.9	1,087.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	56.3	50.4	50.5
New York PMSA .....	4,078.7	3,978.8	3,964.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	144.2	127.5	126.5
New York City .....	3,550.1	3,459.0	3,446.3	.2	.1	.1	113.7	101.0	100.3
Niagara Falls .....	87.6	84.5	84.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.6	4.2	4.3
Orange County .....	106.0	104.5	104.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.6	4.0	4.0
Poughkeepsie .....	120.1	118.6	117.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.4	5.8	5.7
Rochester .....	488.8	485.6	484.7	.8	.7	.7	21.5	19.1	19.1
Rockland County .....	103.3	99.7	99.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.6	3.8	3.9
Syracuse .....	317.3	311.1	311.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.8	14.9	15.0
Utica-Rome .....	130.4	125.4	125.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.4	4.7	4.6
Westchester County .....	406.0	401.0	399.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	24.0	20.9	20.5
<b>North Carolina</b> .....	3,114.8	3,067.0	3,085.3	5.4	5.2	5.2	169.4	160.3	158.6
Asheville .....	89.8	87.2	88.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.7	4.5	4.5
Charlotte-Gastonia-Rock Hill .....	631.1	622.9	623.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	38.2	37.1	37.0
Greensboro-Winston-Salem-High Point .....	495.8	486.0	487.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25.5	23.8	23.5
Raleigh-Durham .....	430.8	428.2	429.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	22.9	21.8	21.8
<b>North Dakota</b> .....	265.5	269.6	269.4	4.5	4.9	4.8	12.3	12.2	12.6
Bismarck .....	40.3	41.7	42.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.6	2.6
Fargo-Moorhead .....	76.7	78.7	78.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	4.3	4.4
Grand Forks .....	30.6	31.5	31.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.4	1.4
<b>Ohio</b> .....	4,916.5	4,931.9	4,938.9	18.0	17.3	17.0	217.8	218.4	220.8
Akron .....	285.2	286.5	287.2	.7	.6	.6	11.5	11.4	11.5
Canton .....	167.4	166.9	167.0	.8	.8	.8	8.3	8.4	8.4
Cincinnati .....	748.3	759.4	760.4	.4	.4	.4	36.1	35.7	36.2
Cleveland .....	956.3	960.7	955.4	.8	.7	.5	38.1	38.7	38.9
Columbus .....	724.3	733.5	737.1	1.0	.9	.9	32.1	32.1	32.6
Dayton-Springfield .....	450.7	449.0	450.3	.5	.4	.4	17.1	17.1	17.2
Toledo .....	288.4	282.9	283.7	.3	.2	.2	12.6	12.2	12.3
Youngstown-Warren .....	198.1	197.8	198.7	.4	.4	.4	9.4	8.7	9.0
<b>Oklahoma</b> .....	1,176.2	1,182.1	1,182.3	44.3	43.2	42.4	39.2	36.9	36.0
Enid .....	21.2	20.3	20.7	.9	.9	.9	.7	.6	.6
Lawton .....	34.6	34.6	34.8	.3	.3	.3	1.0	1.0	1.0
Oklahoma City .....	422.3	422.2	424.0	10.0	9.1	9.0	12.8	12.2	11.9
Tulsa .....	321.3	322.6	321.7	11.9	12.5	12.4	12.1	12.7	12.3
<b>Oregon</b> .....	1,261.8	1,264.5	1,273.7	1.8	1.8	1.9	57.0	57.2	58.5
Eugene-Springfield .....	117.6	114.9	115.3	.2	.2	.2	4.5	4.3	4.4
Medford .....	54.3	53.2	53.3	.1	.1	.1	2.2	2.0	2.1
Portland .....	642.1	647.3	648.8	.6	.6	.6	30.7	30.3	31.1
Salem .....	113.3	108.5	113.9	.1	.1	.1	5.4	5.0	5.1
<b>Pennsylvania</b> .....	5,170.3	5,118.8	5,120.6	28.0	26.3	26.6	248.7	234.9	236.9
Allentown-Bethlehem .....	287.4	286.3	288.2	.5	.5	.5	14.0	13.2	13.4
Altoona .....	54.9	54.6	55.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.6	2.6
Beaver County .....	50.6	50.0	49.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.6	2.7
Erie .....	120.6	119.9	118.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.7	4.5	4.7
Harrisburg-Lebanon-Carlisle .....	318.0	317.0	317.1	.5	.5	.5	14.9	14.3	14.3
Johnstown .....	84.5	84.1	85.2	2.9	2.6	2.6	4.8	4.4	5.1
Lancaster .....	193.7	190.8	190.4	.4	.4	.4	12.8	12.5	12.4
Philadelphia PMSA .....	2,217.6	2,185.5	2,176.2	1.1	1.1	1.1	105.1	100.7	100.7
Philadelphia City .....	742.9	722.1	720.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16.1	14.2	14.0
Pittsburgh .....	925.2	918.5	914.8	4.6	4.1	4.1	48.2	45.4	46.9

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>New Mexico</b> .....	43.9	42.2	42.5	27.9	28.1	28.0	139.7	140.1	140.1
Albuquerque .....	21.6	20.6	20.4	12.3	12.4	12.4	61.5	61.0	61.2
Las Cruces .....	3.5	3.4	3.5	1.5	1.4	1.5	9.3	9.1	9.3
Santa Fe .....	2.0	1.9	1.9	1.0	1.0	1.0	12.4	12.7	12.8
<b>New York</b> .....	1,131.9	1,067.6	1,073.9	424.0	422.0	420.9	1,686.0	1,638.7	1,636.1
Albany-Schenectady-Troy .....	46.7	45.7	45.9	17.0	16.7	16.6	92.6	90.8	91.3
Binghamton .....	34.1	32.2	32.1	4.4	4.3	4.2	25.9	24.8	24.8
Buffalo .....	74.6	71.2	71.2	22.8	22.3	22.3	115.8	114.7	115.1
Elmira .....	9.0	7.9	8.0	1.5	1.5	1.5	10.5	9.9	9.9
Glens Falls .....	10.2	9.8	9.9	2.0	1.8	1.9	12.2	12.1	12.1
Nassau-Suffolk .....	148.9	136.0	136.2	48.6	48.8	48.7	292.2	281.9	280.7
New York PMSA .....	410.9	385.8	389.8	248.8	246.1	245.7	716.6	692.2	685.5
New York City .....	339.7	315.8	319.4	222.7	219.3	219.0	598.7	578.4	571.7
Niagara Falls .....	23.2	21.4	21.3	4.1	4.1	4.1	21.5	20.8	21.1
Orange County .....	14.1	12.9	12.8	6.5	6.4	6.4	28.8	28.4	28.5
Poughkeepsie .....	29.9	29.7	29.1	3.9	3.6	3.6	22.2	21.7	21.6
Rochester .....	133.5	132.9	132.3	15.0	14.9	14.9	105.7	103.1	103.2
Rockland County .....	15.0	14.5	14.6	5.1	5.0	5.0	23.2	22.5	22.6
Syracuse .....	52.1	49.2	49.5	19.7	18.7	18.8	77.2	77.2	77.8
Utica-Rome .....	23.8	21.2	21.7	4.4	4.3	4.3	28.5	27.7	27.7
Westchester County .....	54.1	53.5	53.7	20.4	21.1	21.1	90.1	86.8	86.7
<b>North Carolina</b> .....	864.8	823.0	837.3	153.3	153.0	153.8	726.3	712.2	712.6
Asheville .....	20.6	19.3	19.7	4.2	4.0	4.1	22.0	21.5	21.7
Charlotte-Gastonia-Rock Hill .....	154.6	146.6	147.6	51.8	51.6	51.7	154.5	152.3	152.4
Greensboro-Winston-Salem-High Point .....	149.2	143.6	145.2	26.6	25.2	25.2	114.6	112.7	112.5
Raleigh-Durham .....	64.4	64.1	64.2	21.5	21.6	21.6	89.8	89.3	89.2
<b>North Dakota</b> .....	17.3	17.2	17.4	17.1	17.1	17.1	71.4	72.5	72.6
Bismarck .....	2.3	2.4	2.4	2.9	3.0	2.9	10.6	10.6	10.7
Fargo-Moorhead .....	5.9	5.6	5.8	4.7	4.8	4.9	22.6	23.1	23.1
Grand Forks .....	1.3	1.6	1.5	1.7	1.7	1.7	9.4	9.5	9.6
<b>Ohio</b> .....	1,120.5	1,078.5	1,086.4	221.4	223.1	223.6	1,187.4	1,187.1	1,191.4
Akron .....	67.0	66.0	66.1	14.0	13.9	14.0	69.5	69.0	68.9
Canton .....	45.1	42.9	43.1	5.7	5.8	5.8	42.0	41.8	42.2
Cincinnati .....	148.5	145.0	144.6	41.4	42.6	42.8	190.6	192.6	193.8
Cleveland .....	206.1	200.2	200.5	43.1	43.6	43.6	230.8	230.2	230.8
Columbus .....	105.1	104.3	105.5	31.1	30.9	31.2	185.2	184.9	186.2
Dayton-Springfield .....	103.0	98.5	98.6	18.7	19.0	19.1	102.4	103.7	104.3
Toledo .....	60.4	53.9	54.6	14.9	14.7	14.8	72.9	71.7	71.6
Youngstown-Warren .....	48.7	47.9	48.6	7.4	7.0	7.1	54.0	53.7	53.8
<b>Oklahoma</b> .....	163.6	166.2	167.5	68.5	68.3	68.1	279.3	278.7	280.0
Enid .....	1.7	1.6	1.6	2.1	2.1	2.1	6.2	5.8	6.1
Lawton .....	3.6	3.5	3.5	1.7	1.8	1.8	8.7	8.9	9.2
Oklahoma City .....	45.4	47.2	47.5	21.5	20.7	20.8	104.5	102.7	104.1
Tulsa .....	57.2	56.8	56.7	26.0	26.3	26.2	74.7	75.2	75.1
<b>Oregon</b> .....	230.4	215.4	222.5	64.2	64.6	64.6	324.1	320.8	321.8
Eugene-Springfield .....	21.6	18.9	19.6	4.5	4.4	4.4	31.0	30.0	30.1
Medford .....	8.9	8.1	8.0	3.0	2.9	2.9	16.3	15.7	15.8
Portland .....	106.7	104.4	104.9	37.7	38.4	38.6	170.8	167.9	168.4
Salem .....	20.6	16.4	20.6	2.9	2.8	2.8	23.9	24.4	24.4
<b>Pennsylvania</b> .....	1,017.9	966.8	974.6	263.5	264.6	265.6	1,184.1	1,176.8	1,178.8
Allentown-Bethlehem .....	75.1	73.2	74.7	14.6	14.7	14.6	63.9	64.1	64.2
Altoona .....	11.0	10.9	11.0	4.7	4.7	4.8	14.4	14.4	14.5
Beaver County .....	9.3	8.8	8.7	5.2	5.0	5.0	11.9	12.1	12.1
Erie .....	36.4	35.6	35.3	4.5	4.4	4.5	26.5	26.1	25.8
Harrisburg-Lebanon-Carlisle .....	49.9	48.1	48.4	20.0	20.8	20.7	70.3	68.7	68.4
Johnstown .....	14.4	14.7	14.7	5.2	4.9	5.0	19.1	18.8	19.2
Lancaster .....	58.0	55.1	55.1	7.6	7.6	7.6	49.2	48.0	48.0
Philadelphia PMSA .....	348.0	326.7	326.1	99.9	99.1	98.7	503.8	494.4	491.9
Philadelphia City .....	81.5	76.1	76.3	40.8	39.7	40.0	134.6	126.2	125.6
Pittsburgh .....	121.1	116.0	115.9	54.3	55.0	54.9	228.5	224.5	225.4

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>New Mexico</b> .....	26.3	26.4	26.4	149.1	152.0	151.6	141.0	145.6	144.7
Albuquerque .....	13.8	13.9	13.9	75.3	77.7	77.5	48.0	49.4	49.3
Las Cruces .....	1.6	1.6	1.6	7.9	8.2	8.3	16.1	16.4	15.9
Santa Fe .....	2.3	2.4	2.4	17.1	17.3	17.2	24.0	24.1	23.8
<b>New York</b> .....	783.3	764.0	761.8	2,408.1	2,420.1	2,415.9	1,420.5	1,405.7	1,394.8
Albany-Schenectady-Troy .....	25.5	26.1	26.0	121.1	121.6	123.3	111.4	108.1	108.0
Binghamton .....	4.2	4.1	4.1	25.5	25.2	25.3	18.7	18.0	17.8
Buffalo .....	27.7	28.0	27.8	127.5	128.9	129.6	73.3	72.5	71.9
Elmira .....	1.5	1.5	1.5	10.6	10.3	10.5	6.8	6.4	6.4
Glens Falls .....	1.7	1.6	1.6	14.0	13.0	13.1	9.2	8.9	8.8
Nassau-Suffolk .....	82.1	82.0	81.6	317.9	323.1	320.7	170.4	173.8	169.4
New York PMSA .....	555.2	534.8	533.1	1,315.5	1,318.0	1,312.3	687.3	674.4	671.3
New York City .....	519.0	498.7	497.1	1,150.4	1,151.0	1,146.1	605.7	594.5	592.6
Niagara Falls .....	2.1	2.1	2.1	19.0	18.7	18.9	13.1	13.2	13.1
Orange County .....	5.1	5.0	5.0	24.4	24.9	24.9	22.5	23.0	22.8
Poughkeepsie .....	4.9	4.8	4.8	29.8	30.4	30.6	22.9	22.7	21.8
Rochester .....	23.9	23.8	23.8	125.1	128.8	128.9	63.3	62.3	61.8
Rockland County .....	5.4	5.4	5.4	29.2	28.8	28.7	20.8	19.8	19.3
Syracuse .....	20.9	21.4	21.5	77.9	77.9	78.1	51.7	51.7	50.9
Utica-Rome .....	7.4	7.8	7.8	29.4	29.6	29.5	31.5	30.2	30.2
Westchester County .....	29.9	29.8	29.8	130.4	132.6	131.6	57.0	56.3	55.5
<b>North Carolina</b> .....	136.6	136.2	136.1	607.6	618.1	619.8	451.4	459.0	461.9
Asheville .....	3.0	2.9	2.9	22.9	23.6	23.4	12.4	11.4	12.3
Charlotte-Gastonia-Rock Hill .....	38.4	38.3	38.1	125.6	131.3	131.3	68.0	65.7	65.8
Greensboro-Winston-Salem-High Point .....	24.3	24.0	23.8	104.7	108.1	108.4	50.9	48.6	48.7
Raleigh-Durham .....	24.7	24.1	24.0	114.9	115.9	115.7	92.6	91.4	93.1
<b>North Dakota</b> .....	12.5	12.8	12.8	69.7	71.2	71.5	60.7	61.7	60.6
Bismarck .....	1.5	1.5	1.5	12.3	12.7	13.0	8.5	8.9	8.9
Fargo-Moorhead .....	4.7	4.8	4.8	21.2	22.4	22.3	13.1	13.7	13.4
Grand Forks .....	1.1	1.1	1.1	7.2	7.7	7.7	8.3	8.5	8.3
<b>Ohio</b> .....	258.4	260.1	260.1	1,220.4	1,259.9	1,262.9	672.5	687.5	676.6
Akron .....	11.0	10.9	11.0	71.8	75.6	75.5	39.7	39.2	39.6
Canton .....	6.9	6.8	6.6	40.2	41.9	41.8	18.5	18.5	18.2
Cincinnati .....	44.5	44.6	44.7	198.5	207.0	207.7	88.3	91.4	90.3
Cleveland .....	58.9	59.5	59.2	264.8	269.0	270.1	113.7	118.8	111.8
Columbus .....	61.6	61.5	61.5	186.6	195.1	195.8	121.7	123.7	123.3
Dayton-Springfield .....	17.6	18.0	17.9	118.5	120.2	120.9	72.9	71.9	71.8
Toledo .....	12.2	12.2	12.2	77.6	80.4	80.4	37.5	37.6	37.6
Youngstown-Warren .....	8.4	8.4	8.4	48.0	49.7	49.6	21.7	22.0	21.8
<b>Oklahoma</b> .....	59.9	58.8	58.7	274.2	279.2	276.7	247.2	250.8	252.9
Enid .....	.9	.9	.9	5.0	5.2	5.3	3.7	3.2	3.2
Lawton .....	1.8	1.7	1.7	6.6	6.7	6.5	10.9	10.7	10.8
Oklahoma City .....	24.6	25.1	25.0	106.4	109.9	108.6	97.1	95.3	97.1
Tulsa .....	17.9	17.5	17.4	83.7	84.0	83.2	37.8	37.6	38.4
<b>Oregon</b> .....	80.6	84.0	84.5	299.2	308.5	309.6	204.5	212.2	210.3
Eugene-Springfield .....	5.8	5.7	5.7	29.3	29.2	29.5	20.7	22.2	21.4
Medford .....	2.6	2.6	2.6	12.5	13.2	13.3	8.7	8.6	8.5
Portland .....	51.8	53.3	53.3	166.5	170.9	172.5	77.3	81.5	79.4
Salem .....	6.1	6.1	6.1	23.5	23.8	24.3	30.8	29.9	30.5
<b>Pennsylvania</b> .....	303.7	304.8	305.3	1,461.2	1,491.2	1,487.9	663.2	653.4	644.9
Allentown-Bethlehem .....	14.7	15.1	15.2	75.9	77.5	77.6	28.7	28.0	28.0
Altoona .....	2.3	2.4	2.4	12.8	12.6	12.8	7.1	7.0	7.0
Beaver County .....	1.6	1.6	1.6	12.4	12.7	12.4	7.5	7.2	7.0
Erie .....	5.7	5.7	5.6	30.6	31.1	31.2	12.2	12.5	11.8
Harrisburg-Lebanon-Carlisle .....	21.4	22.5	22.8	74.6	76.2	76.3	66.4	65.9	65.7
Johnstown .....	4.7	4.7	4.7	21.0	21.4	21.3	12.4	12.6	12.6
Lancaster .....	8.0	8.1	8.0	42.9	44.4	44.3	14.8	14.7	14.6
Philadelphia PMSA .....	163.8	162.3	162.2	701.9	714.0	713.9	294.0	287.2	281.6
Philadelphia City .....	65.1	63.0	63.2	261.6	265.3	265.3	143.2	137.6	135.5
Pittsburgh .....	55.9	56.9	56.7	313.4	317.0	314.4	99.2	99.6	96.5

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	Total			Mining			Construction		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Pennsylvania-Continued</b>									
Reading .....	151.9	149.4	150.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.8	7.9	7.6
Scranton-Wilkes-Barre .....	308.9	304.3	306.1	0.6	0.6	0.6	15.2	14.1	14.1
Sharon .....	44.8	43.4	43.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.5	1.6
State College .....	58.9	59.1	60.0	.4	.2	.2	3.2	3.0	2.9
Williamsport .....	50.2	50.4	50.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	3.1	3.2
York .....	181.6	180.1	180.5	.6	.5	.5	11.1	10.5	10.2
<b>Rhode Island</b>									
Pawtucket-Woonsocket-Attleboro .....	445.3	428.9	431.1	.2	.1	.2	19.5	15.4	15.6
Providence .....	125.9	117.0	119.2	.2	.2	.2	4.7	3.5	3.4
	313.8	306.5	307.2	.1	.1	.1	14.8	12.2	12.2
<b>South Carolina</b>									
Charleston .....	1,546.9	1,547.8	1,549.3	2.1	2.0	1.9	103.7	96.2	95.5
Columbia .....	209.4	215.4	215.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16.5	16.3	16.3
Greenville-Spartanburg .....	243.7	247.5	247.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.8	13.0	12.8
	329.7	333.1	334.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25.9	26.2	25.8
<b>South Dakota</b>									
Rapid City .....	291.3	300.1	300.0	2.7	2.7	2.7	13.8	14.3	14.6
Sioux Falls .....	40.2	41.4	41.1	.3	.2	.2	2.5	2.8	2.8
	76.0	78.4	78.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.0	4.6	4.8
<b>Tennessee</b>									
Chattanooga .....	2,208.2	2,173.8	2,186.4	6.3	6.1	6.0	96.7	88.8	88.9
Johnson City-Kingsport-Bristol .....	202.5	200.5	200.5	.6	.6	.6	7.3	7.3	7.2
Knoxville .....	173.2	170.7	171.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.0	6.9	6.9
Memphis .....	270.2	263.2	263.8	1.4	1.3	1.3	13.9	11.7	11.7
Nashville .....	478.7	478.3	480.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.0	20.2	20.4
	502.9	502.7	505.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25.2	25.1	25.1
<b>Texas</b>									
Abilene .....	7,019.9	7,095.4	7,092.1	180.5	183.4	181.3	342.0	346.9	347.3
Amarillo .....	47.0	47.5	47.6	1.4	1.5	1.4	1.5	1.6	1.6
Austin .....	77.8	77.6	77.4	1.1	1.0	1.0	3.4	3.2	3.1
Beaumont-Port Arthur .....	371.0	373.5	372.6	.7	.7	.7	12.5	12.6	12.5
Brazoria .....	142.1	148.4	148.6	1.9	1.9	1.9	11.3	14.4	14.6
Brownsville-Harlingen .....	66.4	67.3	67.5	2.1	1.9	1.9	9.0	8.8	8.9
Bryan-College Station .....	73.6	78.1	77.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.4	2.4
Corpus Christi .....	53.4	52.2	51.0	.6	.5	.5	2.1	1.9	1.9
Dallas .....	135.9	138.1	138.5	3.9	4.0	4.1	13.1	11.7	11.8
El Paso .....	1,370.7	1,371.5	1,371.8	18.1	18.2	18.1	48.2	47.2	46.9
Ft. Worth-Arlington .....	206.1	210.0	209.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.9	7.6	7.7
Galveston-Texas City .....	592.0	584.8	583.7	4.5	4.4	4.5	23.3	23.2	22.7
Houston .....	76.7	77.9	77.0	.6	.7	.6	4.4	4.2	4.2
Killeen-Temple .....	1,608.5	1,636.3	1,634.5	70.4	73.6	73.2	113.6	109.4	109.7
Laredo .....	73.7	74.0	74.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.4	2.5
Longview-Marshall .....	44.8	44.9	45.0	1.8	1.8	1.7	1.3	1.3	1.3
Lubbock .....	69.1	69.2	69.0	3.5	3.4	3.4	3.9	3.8	3.8
McAllen-Edinburg-Mission .....	98.5	97.3	97.1	.2	.2	.2	3.7	3.8	4.0
Midland .....	99.2	100.8	101.3	.9	.8	.8	4.7	4.4	4.4
Odessa .....	44.2	45.1	45.2	8.9	9.1	9.1	1.5	1.6	1.6
San Angelo .....	43.4	45.1	45.0	5.0	5.2	5.2	2.3	2.4	2.4
San Antonio .....	35.8	36.3	36.4	.5	.4	.4	1.1	1.1	1.2
Sherman-Denison .....	515.4	516.1	514.1	1.8	1.8	1.8	22.3	22.8	22.7
Texarkana .....	37.8	37.3	37.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.4	1.4
Tyler .....	47.0	45.3	45.4	.1	.1	.1	1.4	1.4	1.4
Victoria .....	62.2	62.4	62.5	1.6	1.7	1.7	2.0	1.8	1.9
Waco .....	28.6	29.0	29.0	1.6	1.6	1.7	1.9	1.9	1.8
Wichita Falls .....	80.7	81.4	80.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	3.2	3.1
	49.6	49.5	49.6	1.4	1.4	1.4	1.9	1.7	1.7

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Pennsylvania—Continued</b>									
Reading .....	45.4	42.5	44.1	6.5	6.5	6.4	34.0	34.2	34.1
Scranton—Wilkes-Barre .....	69.3	66.5	67.2	16.5	16.5	16.5	73.7	73.0	73.4
Sharon .....	12.1	11.7	11.7	2.1	2.1	2.1	11.5	10.9	11.1
State College .....	8.5	8.5	8.4	1.6	1.8	1.7	11.7	12.2	12.3
Williamsport .....	14.8	14.9	14.9	1.7	1.7	1.8	11.7	11.5	11.6
York .....	57.1	55.6	55.7	7.8	7.8	7.9	46.7	47.1	47.2
<b>Rhode Island</b>									
.....	99.5	89.1	92.3	16.1	15.4	15.5	98.4	94.3	94.2
Pawtucket—Woonsocket—Attleboro .....	45.7	41.3	43.5	3.7	3.4	3.5	32.5	30.1	30.1
Providence .....	63.0	58.1	59.5	12.1	12.2	12.4	65.1	61.5	61.4
<b>South Carolina</b>									
.....	382.9	367.4	368.5	68.0	67.6	67.5	355.6	355.6	354.6
Charleston .....	21.7	21.0	20.8	11.0	11.6	11.6	53.4	55.2	55.3
Columbia .....	27.6	27.7	27.6	11.6	11.5	11.6	56.2	55.9	56.2
Greenville—Spartanburg .....	100.0	96.0	96.2	14.8	15.0	15.1	79.0	80.4	80.7
<b>South Dakota</b>									
.....	35.0	35.9	36.2	13.2	13.5	13.6	78.6	82.0	81.8
Rapid City .....	4.0	3.8	3.9	1.9	1.9	1.9	12.2	12.7	12.7
Sioux Falls .....	9.5	9.9	9.9	4.9	5.0	5.0	21.5	21.4	21.5
<b>Tennessee</b>									
.....	524.8	508.5	514.4	117.9	117.0	115.9	523.4	517.5	519.8
Chattanooga .....	47.0	43.9	44.6	9.3	9.4	9.3	48.7	48.2	48.3
Johnson City—Kingsport—Bristol .....	54.4	52.6	52.7	6.0	6.4	6.2	40.7	39.4	40.0
Knoxville .....	50.3	47.4	48.2	11.6	11.6	11.5	71.7	70.1	69.8
Memphis .....	63.0	61.6	62.2	47.8	47.9	47.4	126.1	126.8	126.7
Nashville .....	89.4	87.4	87.3	26.8	27.0	27.0	123.9	124.3	125.9
<b>Texas</b>									
.....	989.4	980.0	980.0	427.6	435.2	436.4	1,715.5	1,720.8	1,719.6
Abilene .....	4.5	4.5	4.5	2.8	2.7	2.7	12.6	12.6	12.7
Amarillo .....	8.5	8.5	8.6	5.5	5.7	5.7	22.9	22.9	22.9
Austin .....	49.0	48.9	48.9	11.8	12.0	12.0	77.2	76.5	76.7
Beaumont—Port Arthur .....	25.3	25.9	26.3	9.6	9.6	9.6	32.8	33.4	33.6
Brazoria .....	16.7	17.1	17.0	2.9	3.1	3.1	12.8	13.0	13.0
Brownsville—Harlingen .....	11.5	12.4	12.2	3.3	3.5	3.5	20.4	21.0	21.1
Bryan—College Station .....	3.7	3.6	3.6	1.3	1.3	1.4	11.2	11.0	11.1
Corpus Christi .....	12.5	12.2	12.2	6.5	6.6	6.5	31.9	32.5	32.6
Dallas .....	221.2	214.9	213.9	82.9	84.3	84.6	353.9	354.6	355.5
El Paso .....	42.9	41.4	41.9	11.0	10.9	10.8	52.1	53.0	52.7
Ft. Worth—Arlington .....	118.9	104.3	103.7	56.0	56.9	57.3	152.4	151.5	151.7
Galveston—Texas City .....	8.4	8.6	8.5	5.4	5.5	5.3	15.5	15.8	15.6
Houston .....	175.8	178.0	178.9	110.7	114.2	114.2	376.3	374.7	375.7
Killeen—Temple .....	8.6	8.8	8.6	2.5	2.5	2.5	16.6	16.7	17.0
Laredo .....	1.7	1.5	1.6	6.2	6.3	6.4	14.2	13.9	13.9
Longview—Marshall .....	16.4	16.1	16.1	3.5	3.6	3.6	17.0	17.1	17.1
Lubbock .....	7.0	7.1	7.1	5.2	5.1	5.0	28.8	28.3	28.0
McAllen—Edinburg—Mission .....	13.3	13.0	13.1	3.1	3.1	3.2	31.3	31.3	31.6
Midland .....	2.2	2.3	2.2	2.5	2.5	2.5	10.6	10.7	10.8
Odessa .....	4.3	4.7	4.6	2.0	2.2	2.2	12.5	12.9	13.0
San Angelo .....	4.8	5.0	5.0	2.7	2.8	2.8	8.9	8.7	8.6
San Antonio .....	43.5	43.9	43.2	22.0	22.3	22.5	131.2	131.9	132.3
Sherman—Denison .....	11.3	10.9	10.9	1.6	1.6	1.6	8.0	8.0	8.0
Texarkana .....	7.0	6.6	6.6	2.3	2.4	2.4	11.1	10.9	11.0
Tyler .....	11.3	10.9	10.9	2.8	2.8	2.9	15.9	15.8	15.7
Victoria .....	3.0	3.1	3.1	1.4	1.4	1.4	7.8	7.7	7.8
Waco .....	15.7	15.6	15.5	3.4	3.4	3.3	19.0	19.6	19.4
Wichita Falls .....	8.3	8.0	8.0	2.7	2.7	2.7	11.5	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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Pennsylvania—Continued</b>									
Reading .....	8.3	8.4	8.4	34.3	34.5	34.5	15.6	15.4	15.5
Scranton-Wilkes-Barre .....	13.9	13.6	13.6	80.3	81.5	82.1	39.4	38.5	38.6
Sharon .....	1.4	1.4	1.4	11.1	10.8	11.0	4.9	5.0	5.0
State College .....	2.0	2.1	2.0	11.2	11.5	11.5	20.3	19.8	21.0
Williamsport .....	2.4	2.5	2.5	10.7	10.5	10.3	6.2	6.2	6.2
York .....	5.4	5.4	5.4	35.1	35.7	36.0	17.8	17.5	17.6
<b>Rhode Island</b>									
.....	27.2	26.4	26.3	126.5	127.8	127.2	57.9	60.4	59.8
Pawtucket-Woonsocket-Attleboro .....	3.7	3.4	3.4	25.8	24.8	24.9	9.6	10.3	10.2
Providence .....	22.5	21.9	21.8	93.7	96.4	96.1	42.5	44.1	43.7
<b>South Carolina</b>									
.....	67.8	67.4	67.3	301.7	316.2	316.1	265.1	275.4	277.9
Charleston .....	7.7	8.0	8.0	46.7	49.6	49.6	52.4	53.7	54.1
Columbia .....	18.0	18.8	18.9	52.4	55.0	55.5	63.1	65.6	65.3
Greenville-Spartanburg .....	12.0	12.1	12.1	62.2	66.2	66.4	35.8	37.2	37.8
<b>South Dakota</b>									
.....	16.4	16.8	16.7	73.8	75.6	75.7	57.8	59.3	58.7
Rapid City .....	1.5	1.6	1.5	11.3	11.7	11.5	6.5	6.7	6.6
Sioux Falls .....	8.1	8.3	8.2	20.9	21.7	21.7	7.1	7.5	7.4
<b>Tennessee</b>									
.....	103.0	102.4	102.3	496.3	500.9	502.6	339.8	332.6	336.5
Chattanooga .....	13.1	13.5	13.5	42.4	43.0	42.5	34.1	34.6	34.5
Johnson City-Kingsport-Bristol .....	5.2	5.2	5.2	35.0	36.0	35.9	24.9	24.2	24.2
Knoxville .....	10.3	10.5	10.4	59.6	61.7	61.4	51.4	48.9	49.5
Memphis .....	25.2	25.6	25.5	122.6	125.1	125.5	73.0	71.1	72.6
Nashville .....	31.1	30.4	30.4	140.4	142.4	142.6	66.1	66.1	66.9
<b>Texas</b>									
.....	432.6	429.9	429.4	1,717.4	1,753.6	1,752.2	1,214.9	1,245.6	1,245.9
Abilene .....	1.9	2.0	2.0	13.6	14.0	14.0	8.7	8.6	8.7
Amarillo .....	4.3	4.3	4.3	18.0	18.3	18.3	14.1	13.7	13.5
Austin .....	23.8	23.5	23.3	97.9	99.6	99.5	98.1	99.7	99.0
Beaumont-Port Arthur .....	5.4	5.6	5.5	35.4	37.3	37.0	20.4	20.3	20.1
Brazoria .....	1.8	1.8	1.8	9.8	10.0	10.0	11.3	11.6	11.8
Brownsville-Harlingen .....	3.5	3.8	3.8	16.5	18.4	18.2	16.1	16.6	16.7
Bryan-College Station .....	1.9	1.7	1.7	10.9	10.6	10.4	21.7	21.6	20.4
Corpus Christi .....	6.3	6.2	6.3	32.3	34.1	34.0	29.4	30.8	31.0
Dallas .....	126.1	123.5	123.0	367.6	373.6	374.1	152.7	155.2	155.7
El Paso .....	8.3	8.1	8.1	43.9	45.2	45.0	40.0	43.8	42.9
Ft. Worth-Arlington .....	27.5	26.9	26.8	138.1	142.8	142.6	71.3	74.8	74.4
Galveston-Texas City .....	5.1	5.1	5.1	15.5	15.7	15.7	21.8	22.3	22.0
Houston .....	103.2	103.4	102.5	461.5	479.0	477.5	197.0	204.0	202.8
Killeen-Temple .....	3.4	3.5	3.5	17.9	18.0	18.0	22.1	22.1	22.3
Laredo .....	1.8	1.7	1.7	7.9	8.2	8.3	9.9	10.2	10.1
Longview-Marshall .....	2.6	2.6	2.6	13.8	14.2	14.1	8.4	8.4	8.3
Lubbock .....	5.6	5.6	5.7	25.5	24.9	24.7	22.5	22.3	22.4
McAllen-Edinburg-Mission .....	4.0	3.9	3.9	17.6	18.2	18.3	24.3	26.1	26.0
Midland .....	2.3	2.3	2.3	9.6	9.9	9.9	6.6	6.7	6.8
Odessa .....	1.5	1.4	1.4	8.1	8.6	8.4	7.7	7.7	7.8
San Angelo .....	1.6	1.6	1.6	9.1	9.4	9.4	7.1	7.3	7.4
San Antonio .....	39.6	37.7	37.7	141.5	140.9	139.9	113.5	114.8	114.0
Sherman-Denison .....	2.0	2.1	2.1	9.3	9.2	9.2	4.1	4.1	4.2
Texarkana .....	1.8	1.7	1.7	11.3	11.3	11.3	12.0	10.9	10.9
Tyler .....	3.4	3.4	3.4	16.2	16.4	16.5	9.0	9.6	9.5
Victoria .....	1.6	1.6	1.6	6.3	6.8	6.8	5.0	4.9	4.8
Waco .....	5.3	5.2	5.2	21.6	22.0	21.9	12.6	12.4	12.5
Wichita Falls .....	2.2	2.1	2.1	12.5	12.7	12.8	9.1	9.3	9.3

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Utah</b> .....	723.0	741.8	749.1	8.7	8.6	8.7	31.1	32.3	33.8
Provo-Orem .....	92.4	96.5	97.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.3	4.6	4.9
Salt Lake City-Ogden .....	496.2	506.2	509.9	2.9	3.0	3.0	21.2	22.5	23.6
<b>Vermont</b> .....	255.8	246.4	247.9	.6	.5	.5	16.5	14.4	14.3
Barre-Montpelier .....	33.5	32.5	33.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.0	2.1
Burlington .....	78.8	76.5	76.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.1	4.1	3.9
<b>Virginia</b> .....	2,898.7	2,857.7	2,853.0	15.9	14.8	14.8	188.7	166.5	166.1
Bristol .....	33.9	34.2	34.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.3	1.2
Charlottesville .....	70.1	69.8	69.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.3	4.0	4.0
Danville .....	40.7	39.4	40.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.1	2.1
Lynchburg .....	76.8	75.0	74.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.9	3.8	3.7
Norfolk-Virginia Beach-Newport News .....	591.1	582.8	581.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	36.1	33.2	33.0
Northern Virginia .....	777.8	760.4	756.2	.6	.5	.5	54.2	42.5	42.7
Richmond-Petersburg .....	476.1	473.9	474.1	.7	.7	.7	31.8	29.7	29.7
Roanoke .....	128.0	126.3	126.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.2	7.4	7.5
<b>Washington</b> .....	2,174.8	2,180.4	2,182.9	4.0	3.8	3.8	129.9	122.5	123.9
Seattle .....	1,120.3	1,135.7	1,136.4	.6	.6	.6	66.7	65.2	66.7
<b>West Virginia</b> .....	624.7	636.7	627.7	35.8	33.5	33.3	28.5	30.3	30.6
Charleston .....	113.3	114.9	114.0	2.2	2.3	2.2	5.1	5.1	5.1
Huntington-Ashland .....	110.4	111.4	111.2	1.6	1.6	1.6	5.1	5.4	5.4
Parkersburg-Marietta .....	61.5	62.1	62.2	.5	.5	.5	3.0	2.9	3.0
Wheeling .....	60.3	61.4	60.9	2.3	2.3	2.3	2.1	2.0	2.0
<b>Wisconsin</b> .....	2,300.6	2,299.9	2,303.0	2.7	2.5	2.5	88.6	86.6	86.4
Appleton-Oshkosh-Neenah .....	162.7	165.8	165.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.5	9.1	8.7
Eau Claire .....	57.5	58.7	58.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	3.1	3.1
Green Bay .....	107.3	108.6	109.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.6	6.3	6.4
Janesville-Beloit .....	59.7	58.4	58.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.4	1.3
Kenosha .....	41.0	42.7	43.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.8	1.6
La Crosse .....	51.6	51.4	50.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.4	1.5
Madison .....	222.4	225.3	225.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.0	8.9	8.9
Milwaukee .....	755.5	755.0	756.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	27.3	25.7	26.2
Racine .....	77.1	77.0	78.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.5	2.1	2.1
Sheboygan .....	53.1	54.6	54.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.9	2.0
Wausau .....	52.5	53.8	53.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.5	2.7
<b>Wyoming</b> .....	204.2	205.7	206.4	18.8	19.2	19.1	12.9	13.0	13.4
Casper .....	29.1	29.3	29.5	2.6	2.6	2.7	1.7	1.9	1.9
<b>Puerto Rico</b> .....	837.9	852.5	831.3	1.0	.9	.9	46.0	47.5	47.0
Caguas .....	53.4	54.4	53.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.4	1.6	1.6
Mayaguez .....	57.4	59.9	57.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.0	2.3	2.3
Ponce .....	56.0	54.4	54.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	3.7	3.6
San Juan .....	519.9	519.4	512.7	.6	.5	.5	32.4	33.8	34.0
<b>Virgin Islands</b> .....	43.6	42.3	42.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.1	3.4	3.4

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Utah</b> .....	108.5	108.5	109.4	42.5	42.9	43.2	173.9	177.4	180.1
Provo-Orem .....	14.0	14.3	14.3	2.5	2.5	2.5	22.2	22.8	23.3
Salt Lake City-Ogden .....	70.0	69.8	70.1	33.2	33.3	33.6	122.9	123.2	125.4
<b>Vermont</b> .....	46.4	43.7	44.2	11.0	10.8	10.9	60.6	58.1	58.5
Barre-Montpelier .....	4.6	4.3	4.7	1.0	1.0	1.0	7.4	7.0	7.0
Burlington .....	15.9	15.0	14.8	3.8	3.4	3.4	19.3	19.4	19.7
<b>Virginia</b> .....	428.0	412.8	415.5	148.6	149.6	149.0	661.8	647.5	647.1
Bristol .....	10.6	10.9	10.9	1.5	1.6	1.6	8.9	8.7	8.7
Charlottesville .....	8.9	8.3	8.4	2.6	2.6	2.6	14.8	14.8	14.8
Danville .....	15.3	14.5	15.5	1.1	1.1	1.2	8.7	8.5	8.6
Lynchburg .....	24.0	23.0	23.0	2.9	2.8	2.8	16.6	16.0	15.9
Norfolk-Virginia Beach-Newport News .....	67.1	66.3	66.1	27.5	28.0	28.0	145.1	140.2	139.6
Northern Virginia .....	35.6	33.2	32.9	51.4	50.0	49.3	176.3	171.6	171.4
Richmond-Petersburg .....	64.9	63.8	64.0	24.0	23.7	23.8	108.7	107.4	107.6
Roanoke .....	19.8	18.8	18.8	8.2	8.3	8.2	35.3	34.3	34.7
<b>Washington</b> .....	375.4	366.4	370.3	115.8	116.7	117.1	531.8	523.0	525.2
Seattle .....	223.3	221.7	223.2	70.4	70.6	70.3	269.2	268.0	270.7
<b>West Virginia</b> .....	87.5	83.4	83.6	38.1	37.4	37.5	148.0	146.2	146.5
Charleston .....	11.0	10.8	10.8	9.2	9.2	9.2	29.5	30.1	30.2
Huntington-Ashland .....	20.6	19.6	19.7	8.5	8.2	8.2	28.3	28.4	28.8
Parkersburg-Marietta .....	14.5	14.1	14.1	2.5	2.4	2.5	14.9	15.3	15.3
Wheeling .....	7.5	7.3	7.4	3.3	3.4	3.4	16.1	16.4	16.3
<b>Wisconsin</b> .....	576.4	560.4	563.0	106.4	108.0	109.2	548.4	546.3	547.8
Appleton-Oshkosh-Neenah .....	55.6	55.3	55.5	6.4	6.4	6.5	35.0	34.8	35.3
Eau Claire .....	11.1	10.7	10.5	3.3	3.3	3.2	15.2	15.6	15.7
Green Bay .....	24.8	24.0	24.4	8.0	8.0	8.1	27.5	27.3	27.7
Janesville-Beloit .....	19.2	17.0	17.8	2.2	2.1	2.1	14.4	14.9	14.9
Kenosha .....	9.9	9.6	9.8	1.5	1.4	1.5	11.3	12.2	12.4
La Crosse .....	10.7	10.1	8.9	2.5	2.5	2.5	13.9	14.2	14.1
Madison .....	26.8	27.0	27.2	8.2	8.5	8.6	50.0	50.5	50.8
Milwaukee .....	174.1	169.8	170.4	36.9	37.4	37.6	174.5	174.0	174.6
Racine .....	26.1	24.2	25.5	2.3	2.4	2.5	18.1	18.5	18.7
Sheboygan .....	22.8	23.3	23.5	1.7	1.7	1.6	10.2	10.1	10.1
Wausau .....	15.5	15.2	14.8	3.2	3.2	3.2	12.6	12.9	12.9
<b>Wyoming</b> .....	9.7	9.7	9.9	14.7	14.7	14.7	47.7	48.3	48.5
Casper .....	1.8	1.8	1.8	1.8	1.8	1.8	8.1	8.1	8.2
<b>Puerto Rico</b> .....	153.4	151.0	151.5	21.7	19.3	19.3	155.4	151.1	152.0
Caguas .....	15.2	15.9	16.1	.5	.5	.5	11.3	10.7	10.8
Mayaguez .....	19.3	18.5	17.8	.5	.6	.6	8.4	8.7	8.5
Ponce .....	10.3	9.7	10.2	1.5	1.3	1.3	8.5	8.4	8.6
San Juan .....	65.6	63.3	63.5	17.4	16.0	15.9	106.6	104.1	104.3
<b>Virgin Islands</b> .....	2.5	2.5	2.5	2.3	2.4	2.3	9.5	9.3	9.2

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	Finance, insurance, and real estate			Services			Government		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Utah</b> .....	34.3	35.6	36.1	183.0	192.2	193.5	141.0	144.3	144.3
Provo-Orem .....	2.3	2.3	2.3	34.3	36.7	36.7	13.8	13.3	13.9
Salt Lake City-Ogden .....	28.4	29.9	30.2	124.0	128.9	129.9	93.6	95.6	94.1
<b>Vermont</b> .....	12.4	11.4	11.3	70.5	70.0	70.4	37.8	37.5	37.8
Barre-Montpelier .....	2.7	2.6	2.6	8.5	8.2	8.3	7.2	7.4	7.5
Burlington .....	4.2	3.7	3.8	20.2	20.5	19.9	10.3	10.4	10.5
<b>Virginia</b> .....	156.7	152.6	152.3	747.9	757.5	758.6	551.1	556.4	549.6
Bristol .....	1.2	1.1	1.1	5.1	5.3	5.3	5.3	5.3	5.5
Charlottesville .....	3.7	3.6	3.5	14.7	15.1	15.1	21.1	21.4	21.0
Danville .....	1.4	1.4	1.4	7.1	7.0	7.0	4.9	4.8	4.7
Lynchburg .....	3.5	3.5	3.4	16.2	16.2	16.3	9.7	9.7	9.7
Norfolk-Virginia Beach-Newport News .....	27.6	26.3	26.5	155.5	157.0	156.9	132.2	131.8	130.9
Northern Virginia .....	51.0	49.9	49.8	265.1	266.5	266.6	143.6	146.2	143.0
Richmond-Petersburg .....	40.8	39.6	39.6	111.6	113.7	114.3	93.6	95.3	94.4
Roanoke .....	8.6	8.7	8.5	33.0	33.8	33.6	14.9	15.0	14.7
<b>Washington</b> .....	119.3	118.8	119.1	521.1	534.1	536.8	377.5	395.1	386.7
Seattle .....	75.4	76.1	76.3	277.9	286.6	288.7	136.8	146.9	139.9
<b>West Virginia</b> .....	25.0	24.8	24.7	146.9	153.1	153.0	114.9	128.0	118.5
Charleston .....	6.6	6.5	6.5	29.7	30.5	30.3	20.0	20.4	19.7
Huntington-Ashland .....	3.9	4.0	4.0	25.0	26.0	26.0	17.4	18.2	17.5
Parkersburg-Marietta .....	2.2	2.3	2.3	14.9	15.1	15.2	9.0	9.5	9.3
Wheeling .....	3.1	3.1	3.1	17.0	17.3	17.4	8.9	9.6	9.0
<b>Wisconsin</b> .....	121.3	123.9	123.6	541.9	549.6	552.1	314.9	322.5	318.2
Appleton-Oshkosh-Neenah .....	7.8	8.2	8.2	33.2	35.5	35.3	16.1	16.4	16.3
Eau Claire .....	1.8	1.8	1.8	13.4	13.8	13.6	10.0	10.4	10.2
Green Bay .....	5.8	6.6	6.6	24.9	24.7	24.7	10.7	11.6	11.7
Janesville-Beloit .....	1.7	1.6	1.6	13.3	14.4	14.3	7.2	7.0	6.7
Kenosha .....	1.4	1.4	1.5	9.7	10.3	10.4	5.5	5.9	5.8
La Crosse .....	1.6	1.6	1.6	14.9	15.0	15.1	6.2	6.6	6.4
Madison .....	19.5	20.0	19.9	50.4	50.5	50.3	58.5	59.9	59.7
Milwaukee .....	51.0	51.6	51.5	211.4	214.2	215.9	80.2	82.2	80.4
Racine .....	2.2	2.3	2.4	17.6	18.7	18.7	8.1	8.6	8.5
Sheboygan .....	2.2	2.2	2.2	9.5	10.0	9.9	5.0	5.4	5.3
Wausau .....	3.6	4.0	4.0	9.9	10.1	10.2	5.6	5.9	5.9
<b>Wyoming</b> .....	7.4	7.3	7.3	43.7	44.3	44.5	49.3	49.2	49.0
Casper .....	1.4	1.4	1.4	6.8	6.9	6.8	4.9	4.8	4.9
<b>Puerto Rico</b> .....	37.3	36.5	36.5	131.6	132.3	135.5	291.5	314.1	288.7
Caguas .....	1.4	1.4	1.3	7.5	7.4	7.6	16.1	16.9	15.7
Mayaguez .....	1.5	1.5	1.5	7.1	7.7	7.9	18.7	20.5	18.7
Ponce .....	1.8	1.7	1.7	11.7	11.7	11.6	17.7	17.9	17.3
San Juan .....	29.7	29.0	29.0	93.5	92.8	94.8	174.2	180.0	170.8
<b>Virgin Islands</b> .....	2.1	2.1	2.0	8.7	8.6	8.5	14.4	14.0	14.4

<sup>1</sup> Combined with construction.

<sup>2</sup> Not available.

<sup>P</sup> = preliminary.

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

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

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

Year and month	Total private <sup>1</sup>			Mining			Construction		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
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	332.88	36.8	8.66	318.69
1979 .....	35.7	6.16	219.91	43.0	8.49	365.07	37.0	9.27	342.99
1980 .....	35.3	6.66	235.10	43.3	9.17	397.06	37.0	9.94	367.78
1981 .....	35.2	7.25	255.20	43.7	10.04	438.75	36.9	10.82	399.26
1982 .....	34.8	7.68	267.26	42.7	10.77	459.88	36.7	11.63	426.82
1983 .....	35.0	8.02	280.70	42.5	11.28	479.40	37.1	11.94	442.97
1984 .....	35.2	8.32	292.86	43.3	11.63	503.58	37.8	12.13	458.51
1985 .....	34.9	8.57	299.09	43.4	11.98	519.93	37.7	12.32	464.46
1986 .....	34.8	8.76	304.85	42.2	12.46	525.81	37.4	12.48	466.75
1987 .....	34.8	8.98	312.50	42.4	12.54	531.70	37.8	12.71	480.44
1988 .....	34.7	9.28	322.02	42.3	12.80	541.44	37.9	13.08	495.73
1989 .....	34.6	9.66	334.24	43.0	13.26	570.18	37.9	13.54	513.17
1990 .....	34.5	10.02	345.69	44.1	13.69	603.73	38.2	13.78	526.40
Monthly data, not seasonally adjusted									
<b>1990:</b>									
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
<b>1991:</b>									
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	14.10	624.63	38.2	13.96	533.27
June .....	34.7	10.31	357.76	45.0	14.24	640.80	38.7	13.88	537.16
July .....	34.5	10.30	355.35	43.6	14.20	619.12	38.6	13.97	539.24
August <sup>p</sup> .....	34.7	10.30	357.41	44.6	14.20	633.32	38.8	14.02	543.98
September <sup>p</sup> .....	34.6	10.46	361.92	44.9	14.38	645.66	39.1	14.13	552.48

See footnotes at end of table.

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

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

Year and month	Manufacturing				Transportation and public utilities			Wholesale trade		
	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
<b>Annual averages</b>										
1964 .....	40.7	\$2.53	\$2.43	\$102.97	41.1	\$2.89	\$118.78	40.7	\$2.52	\$102.56
1965 .....	41.2	2.61	2.50	107.53	41.3	3.03	125.14	40.8	2.60	106.08
1966 .....	41.4	2.71	2.59	112.19	41.2	3.11	128.13	40.7	2.73	111.11
1967 .....	40.6	2.82	2.71	114.49	40.5	3.23	130.82	40.3	2.87	115.66
1968 .....	40.7	3.01	2.88	122.51	40.6	3.42	138.85	40.1	3.04	121.90
1969 .....	40.6	3.19	3.05	129.51	40.7	3.63	147.74	40.2	3.23	129.85
1970 .....	39.8	3.35	3.23	133.33	40.5	3.85	155.93	39.9	3.43	136.86
1971 .....	39.9	3.57	3.45	142.44	40.1	4.21	168.82	39.4	3.64	143.42
1972 .....	40.5	3.82	3.66	154.71	40.4	4.65	187.86	39.4	3.85	151.69
1973 .....	40.7	4.09	3.91	166.46	40.5	5.02	203.31	39.2	4.07	159.54
1974 .....	40.0	4.42	4.25	176.80	40.2	5.41	217.48	38.8	4.38	169.94
1975 .....	39.5	4.83	4.67	190.79	39.7	5.88	233.44	38.6	4.72	182.19
1976 .....	40.1	5.22	5.02	209.32	39.8	6.45	256.71	38.7	5.02	194.27
1977 .....	40.3	5.68	5.44	228.90	39.9	6.99	278.90	38.8	5.39	209.13
1978 .....	40.4	6.17	5.91	249.27	40.0	7.57	302.80	38.8	5.88	228.14
1979 .....	40.2	6.70	6.43	269.34	39.9	8.16	325.58	38.8	6.39	247.93
1980 .....	39.7	7.27	7.02	288.62	39.6	8.87	351.25	38.4	6.95	266.88
1981 .....	39.8	7.99	7.72	318.00	39.4	9.70	382.18	38.5	7.55	290.68
1982 .....	38.9	8.49	8.25	330.26	39.0	10.32	402.48	38.3	8.08	309.46
1983 .....	40.1	8.83	8.52	354.08	39.0	10.79	420.81	38.5	8.54	328.79
1984 .....	40.7	9.19	8.82	374.03	39.4	11.12	438.13	38.5	8.88	341.88
1985 .....	40.5	9.54	9.16	386.37	39.5	11.40	450.30	38.4	9.15	351.36
1986 .....	40.7	9.73	9.34	396.01	39.2	11.70	458.64	38.3	9.34	357.72
1987 .....	41.0	9.91	9.48	406.31	39.2	12.03	471.58	38.1	9.59	365.38
1988 .....	41.1	10.19	9.73	418.81	38.8	12.26	475.69	38.1	9.98	380.24
1989 .....	41.0	10.48	10.02	429.68	38.9	12.60	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
<b>Monthly data, not seasonally adjusted</b>										
<b>1990:</b>										
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
<b>1991:</b>										
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 .....	40.3	11.15	10.72	449.35	38.6	13.17	508.36	38.1	11.11	423.29
June .....	40.9	11.19	10.71	457.67	39.1	13.16	514.56	38.5	11.19	430.82
July .....	40.4	11.22	10.74	453.29	38.9	13.25	515.43	38.1	11.14	424.43
August <sup>a</sup> .....	40.9	11.18	10.67	457.26	38.9	13.24	515.04	38.2	11.13	425.17
September <sup>a</sup> .....	41.3	11.26	10.72	465.04	39.1	13.31	520.42	38.4	11.24	431.62

See footnotes at end of table.

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**C-1. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private 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
<b>Annual averages</b>									
1964 .....	37.0	\$1.75	\$64.75	37.3	\$2.30	\$85.79	36.1	\$1.94	\$70.03
1965 .....	36.6	1.82	66.61	37.2	2.39	88.91	35.9	2.05	73.60
1966 .....	35.9	1.91	68.57	37.3	2.47	92.13	35.5	2.17	77.04
1967 .....	35.3	2.01	70.95	37.1	2.58	95.72	35.1	2.29	80.38
1968 .....	34.7	2.16	74.95	37.0	2.75	101.75	34.7	2.42	83.97
1969 .....	34.2	2.30	78.66	37.1	2.93	108.70	34.7	2.61	90.57
1970 .....	33.8	2.44	82.47	36.7	3.07	112.67	34.4	2.81	96.66
1971 .....	33.7	2.60	87.62	36.6	3.22	117.85	33.9	3.04	103.06
1972 .....	33.4	2.75	91.85	36.6	3.36	122.98	33.9	3.27	110.85
1973 .....	33.1	2.91	96.32	36.6	3.53	129.20	33.8	3.47	117.29
1974 .....	32.7	3.14	102.68	36.5	3.77	137.61	33.6	3.75	126.00
1975 .....	32.4	3.36	108.86	36.5	4.06	148.19	33.5	4.02	134.67
1976 .....	32.1	3.57	114.60	36.4	4.27	155.43	33.3	4.31	143.52
1977 .....	31.6	3.85	121.66	36.4	4.54	165.26	33.0	4.65	153.45
1978 .....	31.0	4.20	130.20	36.4	4.89	178.00	32.8	4.99	163.67
1979 .....	30.6	4.53	138.62	36.2	5.27	190.77	32.7	5.36	175.27
1980 .....	30.2	4.88	147.38	36.2	5.79	209.60	32.6	5.85	190.71
1981 .....	30.1	5.25	158.03	36.3	6.31	229.05	32.6	6.41	208.97
1982 .....	29.9	5.48	163.85	36.2	6.78	245.44	32.6	6.92	225.59
1983 .....	29.8	5.74	171.05	36.2	7.29	263.90	32.7	7.31	239.04
1984 .....	29.8	5.85	174.33	36.5	7.63	278.50	32.6	7.59	247.43
1985 .....	29.4	5.94	174.64	36.4	7.94	289.02	32.5	7.90	256.75
1986 .....	29.2	6.03	176.08	36.4	8.36	304.30	32.5	8.18	265.85
1987 .....	29.2	6.12	178.70	36.3	8.73	316.90	32.5	8.49	275.93
1988 .....	29.1	6.31	183.62	35.9	9.06	325.25	32.6	8.88	289.49
1989 .....	28.9	6.53	188.72	35.8	9.53	341.17	32.6	9.38	305.79
1990 .....	28.8	6.76	194.69	35.8	9.97	356.93	32.6	9.83	320.46
<b>Monthly data, not seasonally adjusted</b>									
<b>1990:</b>									
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
<b>1991:</b>									
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 .....	28.6	6.97	199.34	35.5	10.36	367.78	32.3	10.21	329.78
June .....	29.2	6.98	203.82	36.2	10.42	377.20	32.8	10.19	334.23
July .....	29.3	6.98	204.51	35.6	10.36	368.82	32.6	10.13	330.24
August <sup>p</sup> .....	29.3	6.97	204.22	35.7	10.36	369.85	32.7	10.14	331.58
September <sup>p</sup> .....	28.7	7.07	202.91	36.2	10.52	380.82	32.6	10.35	337.41

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

<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 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 workers<sup>1</sup> on private nonfarm payrolls by detailed industry**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Total private</b> .....		34.8	34.8	34.5	34.7	34.6	-	-	-	-	-
<b>Mining</b> .....		44.0	45.1	43.6	44.6	44.9	-	-	-	-	-
Metal mining .....	10	42.7	43.3	42.4	43.2	-	-	-	-	-	
Iron ores .....	101	42.9	43.8	40.9	41.7	-	-	-	-	-	
Copper ores .....	102	45.3	46.0	45.3	46.2	-	-	-	-	-	
Coal mining .....	12	43.8	44.6	42.4	44.9	-	-	-	-	-	
Bituminous coal and lignite mining .....	122	43.7	44.6	42.4	45.0	-	-	-	-	-	
Oil and gas extraction .....	13	43.7	45.2	43.7	44.3	-	-	-	-	-	
Crude petroleum and natural gas .....	131	41.8	43.8	41.1	41.4	-	-	-	-	-	
Oil and gas field services .....	138	44.9	46.0	45.3	46.0	-	-	-	-	-	
Nonmetallic minerals, except fuels .....	14	46.3	46.6	45.5	46.1	-	-	-	-	-	
Crushed and broken stone .....	142	47.3	47.2	45.6	45.8	-	-	-	-	-	
<b>Construction</b> .....		39.0	39.1	38.6	38.8	39.1	-	-	-	-	
General building contractors .....	15	38.3	38.2	37.7	38.1	-	-	-	-	-	
Residential building construction .....	152	37.8	37.2	36.7	36.9	-	-	-	-	-	
Operative builders .....	153	36.9	37.2	38.2	37.2	-	-	-	-	-	
Nonresidential building construction .....	154	38.8	39.2	38.7	39.2	-	-	-	-	-	
Heavy construction, except building .....	16	43.3	43.5	42.6	42.7	-	-	-	-	-	
Highway and street construction .....	161	45.4	45.4	44.3	44.0	-	-	-	-	-	
Heavy construction, except highway .....	162	42.2	42.4	41.6	42.0	-	-	-	-	-	
Special trade contractors .....	17	38.1	38.2	37.8	37.9	-	-	-	-	-	
Plumbing, heating, and air conditioning .....	171	38.8	38.7	39.0	38.9	-	-	-	-	-	
Painting and paper hanging .....	172	36.5	36.6	36.4	37.1	-	-	-	-	-	
Electrical work .....	173	39.6	39.7	39.0	39.3	-	-	-	-	-	
Masonry, stonework, and plastering .....	174	35.8	35.8	35.6	35.5	-	-	-	-	-	
Carpentry and floor work .....	175	35.6	35.8	35.0	35.7	-	-	-	-	-	
Roofing, siding, and sheet metal work .....	176	36.5	36.3	35.6	35.8	-	-	-	-	-	
<b>Manufacturing</b> .....		40.8	41.3	40.4	40.9	41.3	3.9	4.1	3.6	3.9	4.1
<b>Durable goods</b> .....		41.3	41.8	40.7	41.2	41.8	3.9	4.1	3.5	3.8	4.0
Lumber and wood products .....	24	40.7	40.9	39.8	40.6	40.9	3.8	3.8	3.5	3.6	-
Logging .....	241	42.2	42.7	40.3	42.5	-	5.5	5.7	4.2	5.3	-
Sawmills and planing mills .....	242	41.4	41.6	40.4	41.3	-	4.4	4.5	4.2	4.3	-
Sawmills and planing mills, general .....	2421	41.6	42.1	40.7	41.6	-	4.7	4.8	4.5	4.4	-
Hardwood dimension and flooring mills .....	2426	40.6	40.1	39.2	40.2	-	3.2	3.1	3.1	3.6	-
Millwork, plywood, and structural members .....	243	39.7	40.1	39.5	40.2	-	3.0	3.1	3.2	3.1	-
Millwork .....	2431	39.4	39.7	40.3	40.4	-	2.5	2.8	3.0	2.8	-
Wood kitchen cabinets .....	2434	39.0	39.2	38.2	39.8	-	2.7	2.7	2.5	2.8	-
Hardwood veneer and plywood .....	2435	40.3	40.3	39.4	40.7	-	3.8	3.5	3.4	3.9	-
Softwood veneer and plywood .....	2436	41.5	43.1	39.2	40.0	-	4.4	4.9	4.1	3.3	-
Wood containers .....	244	40.1	40.1	39.0	39.3	-	3.4	3.5	2.9	3.1	-
Wood buildings and mobile homes .....	245	40.3	39.6	39.1	38.8	-	2.9	2.5	2.5	2.5	-
Mobile homes .....	2451	40.1	39.4	39.1	38.7	-	2.8	2.5	2.2	2.3	-
Miscellaneous wood products .....	249	40.5	41.0	39.6	40.3	-	3.4	3.6	2.8	3.2	-
Furniture and fixtures .....	25	39.6	39.8	38.7	39.6	40.0	2.8	2.9	2.6	3.0	-
Household furniture .....	251	39.1	39.1	37.6	38.9	-	2.4	2.4	2.0	2.3	-
Wood household furniture .....	2511	39.5	39.3	37.7	39.4	-	2.4	2.3	2.0	2.7	-
Upholstered household furniture .....	2512	37.6	37.9	35.9	37.3	-	1.8	1.9	1.4	1.7	-
Metal household furniture .....	2514	41.5	41.1	40.5	40.2	-	3.6	3.7	3.0	2.5	-
Mattresses and bedsprings .....	2515	40.5	40.3	40.7	41.0	-	3.7	3.6	3.1	3.2	-
Office furniture .....	252	39.4	40.0	37.5	36.9	-	2.7	3.2	2.2	2.5	-
Public building and related furniture .....	253	41.1	41.2	43.2	42.9	-	3.8	4.1	5.4	5.3	-
Partitions and fixtures .....	254	41.4	42.0	41.7	42.7	-	3.9	4.6	4.2	5.1	-
Miscellaneous furniture and fixtures .....	259	39.1	39.3	39.5	40.0	-	2.5	2.5	3.1	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 workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>p</sup>	Sept. 1991 <sup>p</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>p</sup>	Sept. 1991 <sup>p</sup>
<b>Total private</b> .....		\$9.98	\$10.15	\$10.30	\$10.30	\$10.46	\$347.30	\$353.22	\$355.35	\$357.41	\$361.92
<b>Mining</b> .....		13.66	13.86	14.20	14.20	14.38	601.04	625.09	619.12	633.32	645.66
Metal mining .....	10	14.25	14.40	15.09	14.84	-	608.48	623.52	639.82	641.09	-
Iron ores .....	101	15.16	15.25	17.20	15.91	-	650.36	667.95	703.48	663.45	-
Copper ores .....	102	12.80	12.98	13.49	13.29	-	579.84	597.08	611.10	614.00	-
Coal mining .....	12	16.74	16.83	17.27	17.16	-	733.21	750.62	732.25	770.48	-
Bituminous coal and lignite mining .....	122	16.90	16.99	17.44	17.32	-	738.53	757.75	739.46	779.40	-
Oil and gas extraction .....	13	12.89	13.16	13.52	13.52	-	563.29	594.83	590.82	598.94	-
Crude petroleum and natural gas .....	131	16.17	16.61	16.63	16.52	-	675.91	727.52	683.49	683.93	-
Oil and gas field services .....	138	11.12	11.27	11.77	11.81	-	499.29	518.42	533.18	543.26	-
Nonmetallic minerals, except fuels .....	14	11.60	11.76	11.91	11.99	-	537.08	548.02	541.91	552.74	-
Crushed and broken stone .....	142	11.17	11.39	11.28	11.37	-	528.34	537.61	514.37	520.75	-
<b>Construction</b> .....		13.79	13.97	13.97	14.02	14.13	537.81	546.23	539.24	543.98	552.48
General building contractors .....	15	12.99	13.17	13.21	13.26	-	497.52	503.09	498.02	505.21	-
Residential building construction .....	152	12.17	12.30	12.16	12.13	-	460.03	457.56	446.27	447.60	-
Operative builders .....	153	12.96	13.19	13.79	13.89	-	478.22	490.67	526.78	516.71	-
Nonresidential building construction .....	154	13.77	13.95	14.16	14.26	-	534.28	546.84	547.99	558.99	-
Heavy construction, except building .....	16	13.54	13.76	13.88	14.04	-	586.28	598.56	591.29	599.51	-
Highway and street construction .....	161	13.57	13.77	13.81	14.10	-	616.08	625.16	611.78	620.40	-
Heavy construction, except highway .....	162	13.53	13.76	13.92	14.00	-	570.97	583.42	579.07	588.00	-
Special trade contractors .....	17	14.18	14.35	14.28	14.30	-	540.26	548.17	539.78	541.97	-
Plumbing, heating, and air conditioning .....	171	14.43	14.55	14.65	14.67	-	559.88	563.09	571.35	570.66	-
Painting and paper hanging .....	172	12.75	13.00	12.94	12.92	-	465.38	475.80	471.02	479.33	-
Electrical work .....	173	15.08	15.28	15.30	15.25	-	597.17	606.62	596.70	599.33	-
Masonry, stonework, and plastering .....	174	14.42	14.58	14.36	14.52	-	516.24	521.96	511.22	515.46	-
Carpentry and floor work .....	175	14.20	14.33	14.25	14.35	-	505.52	513.01	498.75	512.30	-
Roofing, siding, and sheet metal work .....	176	12.43	12.46	12.18	12.22	-	453.70	452.30	433.61	437.48	-
<b>Manufacturing</b> .....		10.81	10.93	11.22	11.18	11.26	441.05	451.41	453.29	457.26	465.04
<b>Durable goods</b> .....		11.35	11.49	11.81	11.77	11.85	468.76	480.28	480.67	484.92	495.33
Lumber and wood products .....	24	9.13	9.21	9.34	9.35	9.40	371.59	376.69	371.73	379.61	384.46
Logging .....	241	11.41	11.49	11.34	11.41	-	481.50	490.62	457.00	484.93	-
Sawmills and planing mills .....	242	9.19	9.25	9.45	9.44	-	380.47	384.80	381.78	389.87	-
Sawmills and planing mills, general .....	2421	9.55	9.61	9.77	9.77	-	397.28	404.58	397.64	406.43	-
Hardwood dimension and flooring mills .....	2426	7.57	7.61	7.89	7.92	-	307.34	305.16	309.29	318.38	-
Millwork, plywood, and structural members .....	243	9.09	9.18	9.37	9.31	-	360.87	368.12	370.12	374.26	-
Millwork .....	2431	9.39	9.57	9.72	9.59	-	369.97	379.93	391.72	387.44	-
Wood kitchen cabinets .....	2434	8.52	8.54	8.81	8.79	-	332.28	334.77	336.54	349.84	-
Hardwood veneer and plywood .....	2435	7.84	7.80	7.92	7.96	-	315.95	314.34	312.05	323.97	-
Softwood veneer and plywood .....	2436	10.32	10.42	10.56	10.49	-	428.28	449.10	413.95	419.60	-
Wood containers .....	244	6.57	6.67	6.67	6.77	-	263.46	267.47	260.13	266.06	-
Wood buildings and mobile homes .....	245	8.65	8.68	8.93	9.06	-	348.60	343.73	349.16	351.53	-
Mobile homes .....	2451	8.73	8.79	8.99	9.14	-	350.07	346.33	351.51	353.72	-
Miscellaneous wood products .....	249	8.26	8.35	8.58	8.59	-	334.53	342.35	339.77	346.18	-
Furniture and fixtures .....	25	8.55	8.63	8.78	8.83	8.87	338.58	343.47	339.79	349.67	354.80
Household furniture .....	251	7.93	7.95	8.10	8.19	-	310.06	310.85	304.56	318.59	-
Wood household furniture .....	2511	7.40	7.40	7.64	7.68	-	292.30	290.82	288.03	302.59	-
Upholstered household furniture .....	2512	8.62	8.70	8.67	8.87	-	324.11	329.73	311.25	330.85	-
Metal household furniture .....	2514	8.26	8.24	8.33	8.50	-	342.79	338.66	337.37	341.70	-
Mattresses and bedsprings .....	2515	8.31	8.30	8.47	8.44	-	336.56	334.49	344.73	346.04	-
Office furniture .....	252	9.52	9.70	9.56	9.52	-	375.09	388.00	358.50	351.29	-
Public building and related furniture .....	253	9.10	9.30	9.39	9.44	-	374.01	383.16	405.65	404.98	-
Partitions and fixtures .....	254	9.77	9.91	10.14	10.21	-	404.48	416.22	422.84	435.97	-
Miscellaneous furniture and fixtures .....	259	8.93	9.05	9.20	9.27	-	349.16	355.67	363.40	370.80	-

See footnotes at end of table.



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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Durable goods—Continued</b>											
Stone, clay, and glass products .....	32	42.7	42.7	42.0	42.2	42.6	5.4	5.3	5.0	5.1	-
Flat glass .....	321	46.5	45.3	45.8	45.6	-	7.4	6.5	7.7	7.5	-
Glass and glassware, pressed or blown .....	322	41.7	41.9	41.7	42.2	-	4.8	4.7	4.7	4.8	-
Glass containers .....	3221	42.1	42.4	42.1	42.4	-	5.9	5.8	5.7	5.8	-
Pressed and blown glass, nec .....	3229	41.3	41.3	41.2	41.9	-	3.6	3.5	3.7	3.8	-
Products of purchased glass .....	323	40.9	41.4	39.9	40.9	-	3.6	3.8	2.9	3.4	-
Cement, hydraulic .....	324	41.6	42.3	41.6	41.6	-	4.2	4.0	3.3	3.5	-
Structural clay products .....	325	40.9	40.5	40.0	40.2	-	3.8	3.3	2.9	3.2	-
Pottery and related products .....	326	39.9	39.8	39.6	40.6	-	2.8	3.1	2.7	3.1	-
Concrete, gypsum, and plaster products .....	327	44.5	44.5	43.9	43.7	-	7.3	7.2	6.8	6.8	-
Concrete block and brick .....	3271	45.6	45.5	44.2	44.0	-	7.3	7.0	7.0	6.7	-
Concrete products, nec .....	3272	43.9	43.7	42.9	43.1	-	6.6	6.4	5.6	5.9	-
Ready-mixed concrete .....	3273	44.1	44.3	43.9	43.5	-	7.5	7.4	7.3	7.2	-
Misc. nonmetallic mineral products .....	329	42.2	42.2	40.9	41.1	-	4.9	4.9	4.3	4.3	-
Abrasive products .....	3291	42.2	41.3	40.3	40.0	-	3.4	3.4	3.3	2.9	-
Asbestos products .....	3292	39.7	40.5	36.6	38.9	-	3.6	3.2	1.8	3.0	-
Primary metal industries .....	33	42.5	43.2	42.3	42.6	42.9	5.2	5.4	4.7	5.0	-
Blast furnaces and basic steel products .....	331	43.2	43.9	43.1	43.5	43.3	5.8	6.0	5.1	5.5	-
Blast furnaces and steel mills .....	3312	43.4	44.2	43.7	43.8	-	6.0	6.2	5.3	5.7	-
Steel pipe and tubes .....	3317	44.0	44.0	40.4	42.4	-	5.9	5.6	4.8	4.9	-
Iron and steel foundries .....	332	41.8	42.7	41.5	41.9	-	4.8	5.2	4.3	4.6	-
Gray and ductile iron foundries .....	3321	42.5	43.1	41.5	42.8	-	5.0	5.3	4.4	4.9	-
Malleable iron foundries .....	3322	44.0	43.2	44.6	43.9	-	5.4	5.6	5.3	6.1	-
Steel foundries, nec .....	3325	39.3	41.4	41.3	39.7	-	4.1	4.9	4.0	3.8	-
Primary nonferrous metals .....	333	43.1	43.3	43.4	42.9	-	4.9	5.0	4.8	5.0	-
Primary aluminum .....	3334	42.8	42.9	43.9	43.2	-	5.2	5.1	5.4	5.6	-
Nonferrous rolling and drawing .....	335	43.1	43.6	42.3	42.9	-	5.9	6.2	5.5	5.9	-
Copper rolling and drawing .....	3351	43.9	43.6	42.1	42.5	-	6.1	6.6	5.7	5.8	-
Aluminum sheet, plate, and foil .....	3353	43.9	44.6	45.5	45.2	-	7.7	8.6	8.0	8.3	-
Nonferrous wire drawing and insulating .....	3357	42.3	43.1	40.3	41.6	-	5.4	5.6	4.2	4.7	-
Nonferrous foundries (castings) .....	336	40.1	40.9	40.4	40.5	-	2.9	3.2	3.1	3.1	-
Aluminum foundries .....	3365	40.5	40.8	42.1	40.9	-	3.0	2.9	3.6	3.2	-
Fabricated metal products .....	34	41.3	41.8	40.6	41.4	41.9	3.8	4.1	3.4	3.9	-
Metal cans and shipping containers .....	341	43.9	43.6	44.5	43.3	-	5.5	5.7	5.9	5.5	-
Metal cans .....	3411	44.1	44.0	45.0	43.6	-	5.5	5.7	5.9	5.4	-
Cutlery, handtools, and hardware .....	342	40.6	41.1	39.8	41.3	-	3.1	3.3	2.5	3.4	-
Hand and edge tools, and blades and handsaws .....	3423,5	40.3	40.1	39.1	41.5	-	2.8	2.8	2.4	3.8	-
Hardware, nec .....	3429	40.4	41.2	39.8	40.7	-	3.0	3.3	2.6	2.9	-
Plumbing and heating, except electric .....	343	40.7	40.4	40.4	41.8	-	3.3	3.2	3.0	4.7	-
Plumbing fixture fittings and trim .....	3432	39.9	39.6	40.7	42.4	-	2.6	2.7	2.6	4.5	-
Heating equipment, except electric .....	3433	40.6	40.4	39.3	40.7	-	3.3	3.0	2.3	4.2	-
Fabricated structural metal products .....	344	41.2	41.3	40.4	41.1	-	3.9	3.9	3.4	3.8	-
Fabricated structural metal .....	3441	42.5	42.6	41.4	41.7	-	4.9	4.8	3.9	4.5	-
Metal doors, sash, and trim .....	3442	39.4	39.3	39.6	40.4	-	2.5	2.3	3.1	3.2	-
Fabricated plate work (boiler shops) .....	3443	42.4	42.9	41.3	42.2	-	4.7	4.9	3.6	4.3	-
Sheet metal work .....	3444	40.8	40.8	39.6	40.4	-	3.5	3.5	3.1	3.2	-
Architectural metal work .....	3446	39.1	38.8	38.9	39.3	-	3.4	2.9	3.0	3.4	-
Screw machine products, bolts, etc .....	345	42.0	42.1	40.1	41.4	-	4.7	5.0	3.4	4.0	-
Screw machine products .....	3451	40.3	40.6	39.7	40.6	-	3.4	3.7	2.7	3.0	-
Bolts, nuts, rivets, and washers .....	3452	43.8	43.7	40.6	42.3	-	6.0	6.3	4.1	5.0	-
Metal forgings and stampings .....	346	41.8	43.1	41.1	42.1	-	4.0	4.8	3.7	4.0	-
Iron and steel forgings .....	3462	42.0	42.8	39.8	40.9	-	4.3	4.4	3.6	3.9	-
Automotive stampings .....	3465	42.3	44.3	41.9	43.2	-	4.3	5.5	4.0	4.5	-
Metal stampings, nec .....	3469	41.0	41.4	40.2	41.1	-	3.4	3.8	3.1	3.4	-
Metal services, nec .....	347	40.6	41.5	40.6	40.6	-	3.8	4.3	3.8	3.8	-
Plating and polishing .....	3471	40.0	40.8	39.5	39.7	-	3.0	3.5	2.9	2.8	-
Metal coating and allied services .....	3479	41.5	42.7	42.4	42.1	-	5.2	5.7	5.2	5.5	-
Ordnance and accessories, nec .....	348	41.3	40.8	40.4	40.6	-	3.4	3.6	3.0	3.3	-
Ammunition, except for small arms, nec .....	3483	41.6	40.2	40.7	41.0	-	3.0	3.2	3.2	3.3	-
Misc. fabricated metal products .....	349	40.9	41.5	40.3	41.3	-	3.5	3.8	3.1	3.6	-
Valves and pipe fittings, nec .....	3494	43.4	43.2	40.7	41.0	-	3.9	4.3	2.8	3.2	-
Misc. fabricated wire products .....	3496	39.7	40.6	40.1	40.8	-	2.9	3.3	3.2	3.5	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Durable goods—Continued</b>											
Stone, clay, and glass products .....	32	\$11.13	\$11.23	\$11.42	\$11.41	\$11.47	\$475.25	\$479.52	\$479.64	\$481.50	\$488.62
Flat glass .....	321	15.10	15.10	16.29	16.32	-	702.15	684.03	746.08	744.19	-
Glass and glassware, pressed or blown .....	322	12.46	12.54	12.99	12.86	-	519.58	525.43	541.68	542.69	-
Glass containers .....	3221	13.29	13.36	13.75	13.64	-	559.51	566.46	578.88	578.34	-
Pressed and blown glass, nec .....	3229	11.59	11.68	12.18	12.07	-	478.67	482.38	501.82	505.73	-
Products of purchased glass .....	323	9.81	9.91	9.67	9.62	-	401.23	410.27	385.83	393.46	-
Cement, hydraulic .....	324	13.65	13.79	13.89	13.97	-	567.84	583.32	577.82	581.15	-
Structural clay products .....	325	9.61	9.62	9.84	9.77	-	393.05	389.61	393.60	392.75	-
Pottery and related products .....	326	9.69	9.57	9.86	9.76	-	386.63	380.89	390.46	396.26	-
Concrete, gypsum, and plaster products .....	327	10.82	10.96	11.04	11.07	-	481.49	487.72	484.66	483.76	-
Concrete block and brick .....	3271	9.64	9.70	10.42	10.39	-	439.58	441.35	460.56	457.16	-
Concrete products, nec .....	3272	9.79	9.91	9.80	9.93	-	429.78	433.07	420.42	427.98	-
Ready-mixed concrete .....	3273	11.64	11.83	11.89	11.89	-	513.32	524.07	521.97	517.22	-
Misc. nonmetallic mineral products .....	329	11.57	11.73	11.75	11.77	-	488.25	495.01	480.58	483.75	-
Abrasive products .....	3291	10.26	10.50	10.09	10.20	-	432.97	433.65	406.63	408.00	-
Asbestos products .....	3292	11.19	11.12	11.40	11.64	-	444.24	450.36	417.24	452.80	-
Primary metal industries .....	33	12.96	13.06	13.44	13.41	13.44	550.80	564.19	568.51	571.27	576.58
Blast furnaces and basic steel products .....	331	14.85	14.98	15.51	15.42	15.36	641.52	657.62	668.48	670.77	665.09
Blast furnaces and steel mills .....	3312	15.61	15.74	16.38	16.27	-	677.47	695.71	715.81	712.63	-
Steel pipe and tubes .....	3317	11.90	11.92	12.21	12.34	-	523.60	524.48	493.28	523.22	-
Iron and steel foundries .....	332	11.55	11.72	11.93	11.96	-	482.79	500.44	495.10	501.12	-
Gray and ductile iron foundries .....	3321	12.01	12.24	12.49	12.42	-	510.43	527.54	518.34	531.58	-
Malleable iron foundries .....	3322	12.54	12.39	12.42	12.69	-	551.76	535.25	553.93	557.09	-
Steel foundries, nec .....	3325	10.84	11.12	11.21	11.26	-	426.01	460.37	462.97	447.02	-
Primary nonferrous metals .....	333	14.60	14.48	14.56	14.62	-	629.26	626.98	631.90	627.20	-
Primary aluminum .....	3334	14.74	14.54	14.98	15.05	-	630.87	623.77	657.62	650.16	-
Nonferrous rolling and drawing .....	335	12.28	12.43	12.77	12.77	-	529.27	541.95	540.17	547.83	-
Copper rolling and drawing .....	3351	11.55	11.65	12.05	12.07	-	507.05	507.94	507.31	512.98	-
Aluminum sheet, plate, and foil .....	3353	15.08	15.39	15.36	15.52	-	662.01	686.39	698.88	701.50	-
Nonferrous wire drawing and insulating .....	3357	12.14	12.34	12.56	12.60	-	513.52	531.85	506.17	524.16	-
Nonferrous foundries (castings) .....	336	10.26	10.29	10.60	10.63	-	411.43	420.86	428.24	430.52	-
Aluminum foundries .....	3365	9.88	9.86	10.21	10.19	-	400.14	402.29	429.84	416.77	-
Fabricated metal products .....	34	10.85	10.95	11.23	11.23	11.30	448.11	457.71	455.94	464.92	473.47
Metal cans and shipping containers .....	341	14.32	14.28	14.83	14.55	-	628.65	622.61	659.94	630.02	-
Metal cans .....	3411	15.10	15.08	15.67	15.41	-	665.91	663.52	705.15	671.88	-
Cutlery, handtools, and hardware .....	342	10.79	10.85	11.14	11.17	-	438.07	445.94	443.37	461.32	-
Hand and edge tools, and blades and handsaws .....	3423,5	9.97	10.06	10.33	10.42	-	401.79	403.41	403.90	432.43	-
Hardware, nec .....	3429	11.12	11.17	11.44	11.42	-	449.25	460.20	455.31	464.79	-
Plumbing and heating, except electric .....	343	9.79	9.87	9.76	10.00	-	398.45	398.75	394.30	418.00	-
Plumbing fixture fittings and trim .....	3432	9.39	9.46	9.23	9.32	-	374.66	374.62	375.66	395.17	-
Heating equipment, except electric .....	3433	9.58	9.66	9.92	10.15	-	388.95	390.26	389.86	413.11	-
Fabricated structural metal products .....	344	10.17	10.22	10.51	10.52	-	419.00	422.09	424.60	432.37	-
Fabricated structural metal .....	3441	10.31	10.34	10.53	10.59	-	438.18	440.48	435.94	441.60	-
Metal doors, sash, and trim .....	3442	8.53	8.59	8.80	8.78	-	336.08	337.59	348.48	354.71	-
Fabricated plate work (boiler shops) .....	3443	11.02	11.06	11.33	11.48	-	467.25	474.47	467.93	484.46	-
Sheet metal work .....	3444	10.53	10.61	11.04	10.92	-	429.62	432.89	437.18	441.17	-
Architectural metal work .....	3446	10.01	9.86	10.17	10.13	-	391.39	382.57	395.61	398.11	-
Screw machine products, bolts, etc .....	345	10.78	10.88	11.06	11.15	-	452.76	458.05	443.51	461.61	-
Screw machine products .....	3451	10.14	10.17	10.32	10.27	-	408.64	412.90	409.70	416.96	-
Bolts, nuts, rivets, and washers .....	3452	11.38	11.57	11.79	12.01	-	498.44	505.61	478.67	508.02	-
Metal forgings and stampings .....	346	12.66	12.89	13.33	13.28	-	529.19	555.56	547.86	559.09	-
Iron and steel forgings .....	3462	12.91	12.98	13.12	13.12	-	542.22	555.54	522.18	536.61	-
Automotive stampings .....	3465	14.26	14.44	15.27	15.17	-	603.20	639.69	639.81	655.34	-
Metal stampings, nec .....	3469	10.16	10.33	10.57	10.59	-	416.56	427.66	424.91	435.25	-
Metal services, nec .....	347	9.04	9.11	9.37	9.32	-	367.02	378.07	380.42	378.39	-
Plating and polishing .....	3471	8.95	9.02	9.28	9.21	-	358.00	368.02	366.56	365.64	-
Metal coating and allied services .....	3479	9.18	9.26	9.51	9.49	-	380.97	395.40	403.22	399.53	-
Ordnance and accessories, nec .....	348	11.87	11.95	12.33	12.37	-	490.23	487.56	498.13	502.22	-
Ammunition, except for small arms, nec .....	3483	11.62	11.82	12.26	12.29	-	483.39	475.16	498.98	503.89	-
Misc. fabricated metal products .....	349	10.19	10.31	10.48	10.56	-	416.77	427.87	422.34	436.13	-
Valves and pipe fittings, nec .....	3494	10.38	10.48	10.99	10.98	-	450.49	452.74	447.29	450.18	-
Misc. fabricated wire products .....	3496	8.86	9.00	9.15	9.22	-	351.74	365.40	366.92	376.18	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Durable goods—Continued</b>											
Industrial machinery and equipment .....	35	41.6	42.2	41.2	41.6	42.1	3.9	4.3	3.6	3.7	-
Engines and turbines .....	351	41.8	42.6	43.8	43.0	-	4.1	4.4	4.4	4.8	-
Turbines and turbine generator sets .....	3511	44.0	44.9	46.6	44.7	-	6.0	7.1	6.1	6.6	-
Internal combustion engines, nec .....	3519	41.0	41.7	42.5	42.2	-	3.4	3.4	3.6	3.9	-
Farm and garden machinery .....	352	40.9	41.5	39.6	40.1	-	3.4	3.9	2.8	2.8	-
Farm machinery and equipment .....	3523	41.5	42.2	39.6	39.1	-	4.1	4.3	3.1	2.6	-
Construction and related machinery .....	353	42.1	43.2	42.0	42.4	-	3.8	4.1	3.3	3.3	-
Construction machinery .....	3531	40.9	41.8	41.8	43.0	-	2.6	2.3	2.3	2.7	-
Mining machinery .....	3532	40.9	42.1	39.9	39.4	-	4.0	4.4	3.2	3.2	-
Oil and gas field machinery .....	3533	46.4	48.2	45.0	45.0	-	6.3	7.3	4.7	4.4	-
Conveyors and conveying equipment .....	3535	40.8	41.7	42.2	41.2	-	3.9	4.5	4.7	3.9	-
Industrial trucks and tractors .....	3537	40.4	41.1	38.3	39.5	-	2.5	2.7	1.8	2.1	-
Metalworking machinery .....	354	42.3	42.7	41.0	41.8	-	4.6	5.0	3.8	4.1	-
Machine tools, metal cutting types .....	3541	40.4	40.5	40.9	41.9	-	3.5	3.7	3.4	3.9	-
Machine tools, metal forming types .....	3542	41.7	43.5	40.9	40.4	-	3.6	4.9	3.0	3.2	-
Special dies, tools, jigs, and fixtures .....	3544	43.7	43.8	41.6	42.2	-	5.9	6.2	4.7	5.0	-
Machine tool accessories .....	3545	41.1	41.5	39.8	40.8	-	3.5	3.6	2.6	2.6	-
Power driven handtools .....	3546	41.4	42.5	41.3	42.8	-	3.4	3.9	3.5	4.8	-
Special industry machinery .....	355	41.5	41.8	40.8	41.5	-	3.9	4.3	3.4	4.0	-
Textile machinery .....	3552	42.1	42.2	41.5	41.5	-	3.6	3.6	3.3	3.8	-
Printing trades machinery .....	3555	38.4	37.4	37.9	39.1	-	4.0	3.7	3.6	4.4	-
Food products machinery .....	3556	41.4	41.7	40.7	41.1	-	3.8	4.1	3.3	3.9	-
General industrial machinery .....	356	41.5	42.3	40.8	41.2	-	4.0	4.5	3.6	3.7	-
Pumps and pumping equipment .....	3561	40.6	41.3	40.4	41.4	-	3.8	4.2	3.5	3.7	-
Ball and roller bearings .....	3562	43.2	44.4	40.8	42.0	-	5.8	6.5	4.0	4.1	-
Air and gas compressors .....	3563	43.3	44.9	42.6	42.5	-	4.4	5.2	4.3	4.7	-
Blowers and fans .....	3564	39.1	40.4	40.2	40.2	-	2.8	3.5	3.3	3.5	-
Speed changers, drives, and gears .....	3566	41.1	40.8	40.2	40.1	-	4.0	4.9	3.7	4.0	-
Power transmission equipment, nec .....	3568	41.3	42.3	39.5	40.3	-	3.6	4.2	2.6	2.9	-
Computer and office equipment .....	357	41.8	42.1	41.0	40.9	-	3.0	3.2	2.6	2.6	-
Electronic computers .....	3571	41.4	42.0	40.2	41.0	-	3.2	3.6	2.1	2.2	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	40.2	40.6	42.0	39.8	-	2.5	2.9	4.2	3.7	-
Refrigeration and service machinery .....	358	39.6	40.4	41.0	41.5	-	2.7	2.9	3.9	3.7	-
Refrigeration and heating equipment .....	3585	39.6	40.4	41.6	41.7	-	2.8	2.9	4.4	4.0	-
Misc. industrial and commercial machinery .....	359	41.8	42.3	41.3	41.7	-	4.6	4.9	4.0	4.1	-
Carburetors, pistons, rings, valves .....	3592	41.6	41.8	40.8	40.6	-	4.5	4.5	2.5	3.1	-
Scales, balances, and industrial machinery, nec .....	3596,9	41.9	42.3	41.3	42.0	-	4.6	4.9	4.2	4.3	-
Electronic and other electrical equipment .....	36	40.4	41.2	40.0	40.5	40.9	3.2	3.5	3.0	3.3	-
Electric distribution equipment .....	361	41.0	41.9	40.9	41.0	-	3.1	3.6	2.8	3.2	-
Transformers, except electronic .....	3612	41.8	42.5	40.6	41.1	-	3.5	4.0	2.9	3.5	-
Switchgear and switchboard apparatus .....	3613	40.2	41.3	41.2	40.8	-	2.6	3.2	2.7	2.9	-
Electrical industrial apparatus .....	362	41.3	42.2	41.1	41.2	-	3.1	3.4	3.0	3.2	-
Motors and generators .....	3621	41.0	41.6	40.7	41.0	-	3.1	3.3	3.0	3.0	-
Relays and industrial controls .....	3625	41.0	42.5	41.3	41.1	-	3.0	3.3	2.9	3.4	-
Household appliances .....	363	38.5	40.1	40.2	40.4	-	2.5	2.5	2.9	3.4	-
Household refrigerators and freezers .....	3632	34.3	38.6	41.2	40.1	-	2.0	1.8	3.2	3.0	-
Household laundry equipment .....	3633	40.7	40.9	39.6	39.4	-	3.2	2.6	2.3	2.5	-
Electric housewares and fans .....	3634	40.6	41.0	39.8	41.8	-	2.2	2.6	2.9	4.3	-
Electric lighting and wiring equipment .....	364	39.8	40.2	39.4	39.9	-	3.0	3.1	2.6	2.9	-
Electric lamps .....	3641	40.9	40.6	40.8	41.3	-	3.8	3.7	3.6	3.1	-
Current-carrying wiring devices .....	3643	39.1	39.7	38.7	38.1	-	2.7	2.8	2.1	2.2	-
Noncurrent-carrying wiring devices .....	3644	40.9	41.2	40.9	42.6	-	2.2	2.8	2.6	3.1	-
Residential lighting fixtures .....	3645	37.6	38.0	37.2	38.1	-	2.9	2.7	1.2	1.9	-
Household audio and video equipment .....	365	40.9	42.2	38.0	39.3	-	3.3	4.3	3.5	3.9	-
Household audio and video equipment .....	3651	41.0	42.2	38.2	39.9	-	2.7	3.6	3.2	3.8	-
Communications equipment .....	366	41.9	42.4	40.4	40.8	-	3.1	3.6	3.0	2.9	-
Telephone and telegraph apparatus .....	3661	43.2	44.2	41.1	40.8	-	3.5	4.5	3.5	3.2	-
Electronic components and accessories .....	367	39.8	40.5	39.2	40.1	-	3.4	3.6	3.0	3.4	-
Electron tubes .....	3671	41.8	41.6	39.8	41.5	-	3.9	3.8	3.2	4.2	-
Semiconductors and related devices .....	3674	39.4	40.7	40.2	40.7	-	4.4	4.6	4.1	4.5	-
Electronic components, nec .....	3679	39.4	39.9	38.0	38.9	-	2.4	2.8	2.1	2.4	-
Misc. electrical equipment and supplies .....	369	41.5	42.1	41.4	41.7	-	3.8	4.1	3.6	3.9	-
Storage batteries .....	3691	42.5	44.0	41.5	45.1	-	5.2	5.9	4.7	6.2	-
Engine electrical equipment .....	3694	41.1	41.4	41.4	40.6	-	3.6	3.8	3.8	3.5	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Durable goods—Continued</b>											
Industrial machinery and equipment .....	35	\$11.80	\$11.94	\$12.17	\$12.13	\$12.21	\$490.88	\$503.87	\$501.40	\$504.61	\$514.04
Engines and turbines .....	351	14.61	14.71	15.07	15.37	-	610.70	626.65	660.07	660.91	-
Turbines and turbine generator sets .....	3511	15.00	15.11	15.52	15.83	-	660.00	678.44	723.23	707.60	-
Internal combustion engines, nec .....	3519	14.45	14.55	14.86	15.15	-	592.45	606.74	631.55	639.33	-
Farm and garden machinery .....	352	11.23	11.38	11.46	11.41	-	459.31	472.27	453.82	457.54	-
Farm machinery and equipment .....	3523	12.04	12.15	12.36	12.37	-	499.66	512.73	489.46	483.67	-
Construction and related machinery .....	353	11.86	12.05	12.47	12.31	-	499.31	520.56	523.74	521.94	-
Construction machinery .....	3531	13.39	13.67	14.39	14.06	-	547.65	571.41	601.50	604.58	-
Mining machinery .....	3532	11.92	11.99	12.12	12.29	-	487.53	504.78	483.59	484.23	-
Oil and gas field machinery .....	3533	11.14	11.35	11.51	11.43	-	516.90	547.07	517.95	514.35	-
Conveyors and conveying equipment .....	3535	10.62	10.80	11.32	11.27	-	433.30	450.36	477.70	464.32	-
Industrial trucks and tractors .....	3537	10.55	10.56	10.87	10.74	-	426.22	434.02	416.32	424.23	-
Metalworking machinery .....	354	12.31	12.45	12.58	12.52	-	520.71	531.62	515.78	523.34	-
Machine tools, metal cutting types .....	3541	12.25	12.40	12.93	12.95	-	494.90	502.20	528.84	542.61	-
Machine tools, metal forming types .....	3542	12.27	12.54	12.45	12.54	-	511.66	545.49	509.21	506.62	-
Special dies, tools, jigs, and fixtures .....	3544	12.98	13.13	13.08	12.99	-	567.23	575.09	544.13	548.18	-
Machine tool accessories .....	3545	10.93	11.06	11.33	11.25	-	449.22	458.99	450.93	459.00	-
Power driven handtools .....	3546	9.98	9.99	10.48	10.49	-	413.17	424.58	432.82	448.97	-
Special industry machinery .....	355	11.94	12.02	12.36	12.40	-	495.51	502.44	504.29	514.60	-
Textile machinery .....	3552	10.32	10.23	10.55	10.56	-	434.47	431.71	437.83	438.24	-
Printing trades machinery .....	3555	14.00	14.12	14.28	14.40	-	537.60	528.09	541.21	563.04	-
Food products machinery .....	3556	11.69	11.82	12.05	12.19	-	483.97	492.89	490.44	501.01	-
General industrial machinery .....	356	11.31	11.48	11.73	11.77	-	469.37	485.60	478.58	484.92	-
Pumps and pumping equipment .....	3561	11.92	11.97	12.21	12.39	-	483.95	494.36	493.28	512.95	-
Ball and roller bearings .....	3562	11.96	12.33	12.57	12.55	-	516.67	547.45	512.86	527.10	-
Air and gas compressors .....	3563	11.77	11.83	12.00	12.14	-	509.64	531.17	511.20	515.95	-
Blowers and fans .....	3564	9.90	10.05	10.08	10.11	-	387.09	406.02	405.22	406.42	-
Speed changers, drives, and gears .....	3566	11.57	11.74	12.28	12.39	-	475.53	478.99	493.66	496.84	-
Power transmission equipment, nec .....	3568	10.80	10.98	11.28	11.39	-	446.04	464.45	445.56	459.02	-
Computer and office equipment .....	357	11.50	11.59	12.13	11.99	-	480.70	487.94	497.33	490.39	-
Electronic computers .....	3571	11.97	11.99	12.61	12.38	-	495.56	503.58	506.92	507.58	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	10.99	11.14	12.21	12.23	-	441.80	452.28	512.82	486.75	-
Refrigeration and service machinery .....	358	10.99	11.17	11.18	11.17	-	435.20	451.27	458.38	463.56	-
Refrigeration and heating equipment .....	3585	11.20	11.39	11.32	11.32	-	443.52	460.16	470.91	472.04	-
Misc. industrial and commercial machinery .....	359	11.56	11.66	11.81	11.78	-	483.21	493.22	487.75	491.23	-
Carburetors, pistons, rings, valves .....	3592	12.47	12.50	12.18	12.35	-	518.75	522.50	496.94	501.41	-
Scales, balances, and industrial machinery, nec .....	3596,9	11.22	11.35	11.55	11.49	-	470.12	480.11	477.02	482.58	-
Electronic and other electrical equipment .....	36	10.32	10.41	10.77	10.78	10.81	416.93	428.89	430.80	436.59	442.13
Electric distribution equipment .....	361	10.25	10.34	10.67	10.66	-	420.25	433.25	436.40	437.06	-
Transformers, except electronic .....	3612	10.04	10.09	10.43	10.40	-	419.67	428.83	423.46	427.44	-
Switchgear and switchboard apparatus .....	3613	10.49	10.61	10.94	10.95	-	421.70	438.19	450.73	446.76	-
Electrical industrial apparatus .....	362	9.95	9.98	10.17	10.19	-	410.94	421.16	417.99	419.83	-
Motors and generators .....	3621	9.87	9.89	9.80	9.82	-	404.67	411.42	398.86	402.62	-
Relays and industrial controls .....	3625	10.08	10.12	10.69	10.68	-	413.28	430.10	441.50	438.95	-
Household appliances .....	363	10.13	10.28	10.45	10.42	-	390.01	412.23	420.09	420.97	-
Household refrigerators and freezers .....	3632	11.05	11.33	11.63	11.65	-	379.02	437.34	479.16	467.17	-
Household laundry equipment .....	3633	12.47	12.60	12.57	12.54	-	507.53	515.34	497.77	494.08	-
Electric housewares and fans .....	3634	7.52	7.53	7.50	7.71	-	305.31	308.73	298.50	322.28	-
Electric lighting and wiring equipment .....	364	10.09	10.23	10.65	10.57	-	401.58	411.25	419.61	421.74	-
Electric lamps .....	3641	11.42	11.51	12.11	11.94	-	467.08	467.31	494.09	493.12	-
Current-carrying wiring devices .....	3643	9.84	10.04	10.49	10.34	-	384.74	398.59	405.96	393.95	-
Noncurrent-carrying wiring devices .....	3644	9.37	9.41	9.81	9.78	-	383.23	387.69	401.23	416.63	-
Residential lighting fixtures .....	3645	7.61	7.59	8.01	8.03	-	286.14	288.42	297.97	305.94	-
Household audio and video equipment .....	365	9.77	9.99	10.60	10.59	-	399.59	421.58	402.80	416.19	-
Household audio and video equipment .....	3651	10.14	10.48	10.90	10.93	-	415.74	442.26	416.38	436.11	-
Communications equipment .....	366	11.01	11.07	11.52	11.49	-	461.32	469.37	465.41	468.79	-
Telephone and telegraph apparatus .....	3661	11.57	11.62	12.16	12.12	-	499.82	513.60	499.78	494.50	-
Electronic components and accessories .....	367	10.07	10.11	10.51	10.53	-	400.79	409.46	411.99	422.25	-
Electron tubes .....	3671	12.10	12.12	12.34	12.32	-	505.78	504.19	491.13	511.28	-
Semiconductors and related devices .....	3674	12.32	12.38	12.78	12.84	-	485.41	503.87	513.76	522.59	-
Electronic components, nec .....	3679	9.45	9.46	9.64	9.68	-	372.33	377.45	366.32	376.55	-
Misc. electrical equipment and supplies .....	369	11.31	11.43	11.81	11.90	-	469.37	481.20	488.93	496.23	-
Storage batteries .....	3691	12.56	12.74	13.00	13.15	-	533.80	560.56	539.50	593.07	-
Engine electrical equipment .....	3694	11.89	12.00	12.36	12.32	-	488.68	496.80	511.70	500.19	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	41.8	42.9	41.7	41.8	42.7	4.3	4.7	4.1	4.1	-
Motor vehicles and equipment .....	371	42.4	44.0	42.6	42.4	43.5	4.6	5.3	4.5	4.4	-
Motor vehicles and car bodies .....	3711	41.9	44.2	42.8	41.7	-	4.3	5.3	4.6	4.2	-
Truck and bus bodies .....	3713	42.2	43.2	41.7	42.5	-	3.7	5.0	3.5	4.1	-
Motor vehicle parts and accessories .....	3714	43.0	44.4	42.8	43.0	-	5.0	5.7	4.7	4.7	-
Truck trailers .....	3715	41.2	41.4	40.4	40.7	-	3.7	3.3	2.6	3.0	-
Aircraft and parts .....	372	41.9	42.2	40.6	41.4	-	4.5	4.7	3.7	4.1	-
Aircraft .....	3721	41.3	41.4	40.1	41.0	-	4.0	4.1	3.9	4.0	-
Aircraft engines and engine parts .....	3724	42.3	43.6	42.0	42.5	-	5.4	6.0	4.3	4.7	-
Aircraft parts and equipment, nec .....	3728	42.5	42.5	40.3	41.2	-	4.8	4.5	3.0	3.7	-
Ship and boat building and repairing .....	373	40.1	40.1	40.6	40.1	-	3.1	2.9	3.2	3.1	-
Ship building and repairing .....	3731	40.9	41.1	42.1	40.6	-	3.5	3.1	3.5	3.3	-
Boat building and repairing .....	3732	38.3	37.9	36.9	38.8	-	2.2	2.3	2.2	2.7	-
Railroad equipment .....	374	40.0	42.4	41.9	40.7	-	3.5	4.0	2.3	2.1	-
Guided missiles, space vehicles, and parts .....	376	42.0	42.5	41.4	42.8	-	3.8	4.1	4.4	4.3	-
Guided missiles and space vehicles .....	3761	42.0	43.0	41.6	43.3	-	4.1	4.5	5.1	5.0	-
Misc. transportation equipment .....	379	39.7	40.1	38.3	40.0	-	2.9	3.2	2.3	2.5	-
Travel trailers and campers .....	3792	38.2	39.3	38.1	39.2	-	2.2	2.4	2.1	2.4	-
Instruments and related products .....	38	40.9	41.3	40.1	40.7	41.2	2.9	3.2	2.4	2.8	-
Search and navigation equipment .....	381	40.5	41.0	39.7	40.0	-	2.3	2.6	2.0	2.3	-
Measuring and controlling devices .....	382	41.2	41.9	39.7	40.3	-	2.8	3.1	2.0	2.4	-
Environmental controls .....	3822	40.6	41.2	38.8	40.3	-	2.6	2.9	1.9	2.8	-
Process control instruments .....	3823	42.1	42.3	39.7	41.0	-	3.9	4.2	2.3	2.8	-
Instruments to measure electricity .....	3825	41.6	42.2	38.3	39.0	-	2.0	2.3	1.3	1.9	-
Medical instruments and supplies .....	384	41.0	41.0	40.7	41.2	-	3.4	3.6	2.8	3.4	-
Surgical and medical instruments .....	3841	40.6	40.5	40.5	41.3	-	3.9	3.9	2.6	3.5	-
Surgical appliances and supplies .....	3842	40.9	41.1	40.6	41.2	-	2.9	3.3	2.7	3.2	-
Ophthalmic goods .....	385	39.0	39.1	39.3	40.1	-	2.5	2.6	2.2	2.6	-
Photographic equipment and supplies .....	386	42.1	42.5	41.5	42.1	-	3.6	4.3	3.5	4.0	-
Watches, clocks, watchcases, and parts .....	387	39.3	41.3	35.1	38.6	-	2.0	3.3	1.5	1.7	-
Miscellaneous manufacturing industries .....	39	39.7	39.9	38.8	40.0	40.3	2.8	3.0	2.2	2.9	-
Jewelry, silverware, and plated ware .....	391	38.9	39.2	37.3	38.7	-	2.5	2.8	1.1	2.3	-
Jewelry, precious metal .....	3911	38.6	38.7	37.0	38.4	-	2.7	2.9	1.2	2.2	-
Musical instruments .....	393	41.1	40.7	37.6	39.0	-	2.2	2.1	1.2	1.9	-
Toys and sporting goods .....	394	39.9	40.6	39.2	40.6	-	3.0	3.3	2.6	3.3	-
Dolls, games, toys, and children's vehicles .....	3942,4	39.7	40.0	38.4	40.4	-	2.6	2.6	2.3	3.2	-
Sporting and athletic goods, nec .....	3949	40.0	41.0	39.7	40.8	-	3.2	3.7	2.8	3.3	-
Pens, pencils, office, and art supplies .....	395	40.7	40.6	41.1	41.0	-	2.6	2.5	3.0	3.0	-
Costume jewelry and notions .....	396	40.5	40.0	38.5	40.7	-	3.9	2.9	1.4	3.1	-
Costume jewelry .....	3961	41.7	40.8	37.6	40.8	-	5.2	3.7	1.0	3.3	-
Miscellaneous manufactures .....	399	39.4	39.5	38.7	39.8	-	2.7	3.1	2.4	2.8	-
Signs and advertising specialties .....	3993	39.8	40.2	38.9	39.6	-	3.0	3.4	2.6	3.0	-
<b>Nondurable goods .....</b>		<b>40.3</b>	<b>40.6</b>	<b>39.9</b>	<b>40.5</b>	<b>40.7</b>	<b>3.9</b>	<b>4.1</b>	<b>3.7</b>	<b>4.0</b>	<b>4.2</b>
Food and kindred products .....	20	41.5	41.9	40.4	41.1	41.1	5.3	5.6	4.7	5.1	-
Meat products .....	201	40.4	41.2	39.6	40.1	-	4.6	5.1	3.8	4.1	-
Meat packing plants .....	2011	41.4	42.5	40.1	41.1	-	5.2	6.4	4.0	4.7	-
Sausages and other prepared meats .....	2013	41.9	42.4	40.9	41.7	-	5.5	5.9	4.4	5.1	-
Poultry slaughtering and processing .....	2015	39.2	39.9	38.9	38.9	-	3.8	4.1	3.6	3.3	-
Dairy products .....	202	40.5	41.7	41.5	41.1	-	4.4	4.9	4.9	4.4	-
Cheese, natural and processed .....	2022	38.9	40.3	40.0	39.7	-	3.6	4.1	3.7	3.5	-
Fluid milk .....	2026	41.2	42.6	42.5	42.2	-	4.6	5.5	4.9	4.7	-
Preserved fruits and vegetables .....	203	42.6	43.5	39.6	41.9	-	6.7	7.4	5.2	6.8	-
Canned specialties .....	2032	44.8	45.7	43.1	45.1	-	7.0	9.3	5.8	8.2	-
Canned fruits and vegetables .....	2033	43.6	43.9	39.0	42.0	-	7.6	8.2	5.8	7.9	-
Frozen fruits and vegetables .....	2037	40.8	44.1	38.8	41.0	-	6.3	8.1	5.1	6.0	-
Grain mill products .....	204	45.3	46.1	44.7	45.2	-	6.4	7.3	6.7	7.2	-
Flour and other grain mill products .....	2041	49.5	50.4	47.5	48.2	-	8.0	9.0	7.6	7.8	-
Prepared feeds, nec .....	2048	42.4	42.9	43.2	43.0	-	5.4	6.0	6.1	6.1	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	\$14.07	\$14.30	\$14.91	\$14.83	\$14.98	\$588.13	\$613.47	\$621.75	\$619.89	\$639.65
Motor vehicles and equipment .....	371	14.52	14.84	15.54	15.33	15.52	615.65	652.96	662.00	649.99	675.12
Motor vehicles and car bodies .....	3711	17.19	17.53	18.56	18.36	-	720.26	774.83	794.37	765.61	-
Truck and bus bodies .....	3713	12.27	12.77	13.22	13.18	-	517.79	551.66	551.27	560.15	-
Motor vehicle parts and accessories .....	3714	13.32	13.52	14.04	13.87	-	572.76	600.29	600.91	596.41	-
Truck trailers .....	3715	9.67	9.75	9.82	9.78	-	398.40	403.65	396.73	398.05	-
Aircraft and parts .....	372	14.79	14.89	15.56	15.72	-	619.70	628.36	631.74	650.81	-
Aircraft .....	3721	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-	-	-	-	-	-
Aircraft engines and engine parts .....	3724	\$14.89	\$15.10	\$15.29	\$15.46	-	\$629.85	\$658.36	\$642.18	\$657.05	-
Aircraft parts and equipment, nec .....	3728	13.39	13.43	14.05	14.19	-	569.08	570.78	566.22	584.63	-
Ship and boat building and repairing .....	373	10.99	11.06	11.53	11.47	-	440.70	443.51	468.12	459.95	-
Ship building and repairing .....	3731	11.87	11.89	12.32	12.31	-	485.48	488.68	518.67	499.79	-
Boat building and repairing .....	3732	9.02	9.13	9.37	9.32	-	345.47	346.03	345.75	361.62	-
Railroad equipment .....	374	13.39	13.59	14.13	14.01	-	535.60	576.22	592.05	570.21	-
Guided missiles, space vehicles, and parts .....	376	14.51	14.69	14.83	14.98	-	609.42	624.33	613.96	641.14	-
Guided missiles and space vehicles .....	3761	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-	-	-	-	-	-
Misc. transportation equipment .....	379	\$10.81	\$10.88	\$10.78	\$10.76	-	\$429.16	\$436.29	\$412.87	\$430.40	-
Travel trailers and campers .....	3792	9.02	8.98	9.48	9.62	-	344.56	352.91	361.19	377.10	-
Instruments and related products .....	38	11.34	11.45	11.71	11.70	\$11.75	463.81	472.89	469.57	476.19	\$484.10
Search and navigation equipment .....	381	14.79	14.81	15.30	15.30	-	599.00	607.21	607.41	612.00	-
Measuring and controlling devices .....	382	10.73	10.84	11.23	11.17	-	442.08	454.20	445.83	450.15	-
Environmental controls .....	3822	9.49	9.61	9.77	9.89	-	385.29	395.93	379.08	398.57	-
Process control instruments .....	3823	10.64	10.73	10.95	10.90	-	447.94	453.88	434.72	446.90	-
Instruments to measure electricity .....	3825	10.80	11.00	11.58	11.46	-	449.28	464.20	443.51	446.94	-
Medical instruments and supplies .....	384	9.88	10.05	10.17	10.24	-	405.08	412.05	413.92	421.89	-
Surgical and medical instruments .....	3841	9.95	10.17	10.09	10.26	-	403.97	411.89	408.65	423.74	-
Surgical appliances and supplies .....	3842	9.59	9.75	9.92	9.90	-	392.23	400.73	402.75	407.88	-
Ophthalmic goods .....	385	8.25	8.26	8.55	8.53	-	321.75	322.97	336.02	342.05	-
Photographic equipment and supplies .....	386	14.09	14.37	14.56	14.62	-	593.19	610.73	604.24	615.50	-
Watches, clocks, watchcases, and parts .....	387	7.76	7.69	7.92	8.00	-	304.97	317.60	277.99	308.80	-
Miscellaneous manufacturing industries .....	39	8.59	8.62	8.83	8.84	8.92	341.02	343.94	342.60	353.60	359.48
Jewelry, silverware, and plated ware .....	391	9.20	9.23	9.37	9.51	-	357.88	361.82	349.50	368.04	-
Jewelry, precious metal .....	3911	9.20	9.22	9.28	9.47	-	355.12	356.81	343.36	363.65	-
Musical instruments .....	393	8.65	8.71	8.83	8.81	-	355.52	354.50	332.01	343.59	-
Toys and sporting goods .....	394	7.98	7.99	8.17	8.15	-	318.40	324.39	320.26	330.89	-
Dolls, games, toys, and children's vehicles .....	3942,4	7.74	7.73	7.94	7.92	-	307.28	309.20	304.90	319.97	-
Sporting and athletic goods, nec .....	3949	8.15	8.17	8.32	8.32	-	326.00	334.97	330.30	339.46	-
Pens, pencils, office, and art supplies .....	395	8.85	8.83	9.38	9.43	-	360.20	358.50	385.52	386.63	-
Costume jewelry and notions .....	396	7.43	7.33	7.77	7.62	-	300.92	293.20	299.15	310.13	-
Costume jewelry .....	3961	6.70	6.48	6.89	6.77	-	279.39	264.38	259.06	276.22	-
Miscellaneous manufactures .....	399	9.05	9.15	9.25	9.27	-	356.57	361.43	357.98	368.95	-
Signs and advertising specialties .....	3993	9.83	9.94	9.85	9.92	-	391.23	399.59	383.17	392.83	-
<b>Nondurable goods .....</b>		<b>10.11</b>	<b>10.19</b>	<b>10.47</b>	<b>10.42</b>	<b>10.49</b>	<b>407.43</b>	<b>413.71</b>	<b>417.75</b>	<b>422.01</b>	<b>426.94</b>
Food and kindred products .....	20	9.53	9.54	9.87	9.82	9.86	395.50	399.73	398.75	403.60	405.25
Meat products .....	201	7.98	8.00	8.09	8.08	-	322.39	329.60	320.36	324.01	-
Meat packing plants .....	2011	8.77	8.82	8.89	8.88	-	363.08	374.85	356.49	364.97	-
Sausages and other prepared meats .....	2013	9.30	9.39	9.38	9.37	-	389.67	398.14	383.64	390.73	-
Poultry slaughtering and processing .....	2015	6.93	6.88	7.06	7.03	-	271.66	274.51	274.63	273.47	-
Dairy products .....	202	10.56	10.67	10.82	10.78	-	427.68	444.94	449.03	443.06	-
Cheese, natural and processed .....	2022	9.70	9.77	9.80	9.79	-	377.33	393.73	392.00	388.66	-
Fluid milk .....	2026	11.03	11.16	11.44	11.35	-	454.44	475.42	486.20	478.97	-
Preserved fruits and vegetables .....	203	8.71	8.67	9.35	9.27	-	371.05	377.15	370.26	388.41	-
Canned specialties .....	2032	11.79	11.67	12.32	12.15	-	528.19	533.32	530.99	547.97	-
Canned fruits and vegetables .....	2033	8.75	8.49	9.49	9.49	-	381.50	372.71	370.11	398.58	-
Frozen fruits and vegetables .....	2037	7.70	7.93	8.61	8.03	-	314.16	349.71	334.07	329.23	-
Grain mill products .....	204	11.64	11.62	11.92	12.01	-	527.29	535.68	532.82	542.85	-
Flour and other grain mill products .....	2041	10.87	10.82	10.76	10.98	-	538.07	545.33	511.10	529.24	-
Prepared feeds, nec .....	2048	8.99	9.13	9.51	9.58	-	381.18	391.68	410.83	411.94	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Food and kindred products—Continued											
Bakery products .....	205	39.6	39.7	38.9	39.3	-	4.2	4.4	4.1	4.1	-
Bread, cake, and related products .....	2051	39.3	39.2	39.2	39.0	-	4.3	4.5	4.4	4.4	-
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	40.3	40.6	38.4	39.8	-	4.0	4.1	3.4	3.5	-
Sugar and confectionery products .....	206	41.4	41.4	39.5	40.3	-	4.4	4.7	3.4	4.1	-
Raw cane sugar .....	2061	41.9	43.5	43.9	44.7	-	4.0	5.0	4.4	4.9	-
Cane sugar refining .....	2062	45.9	49.5	46.5	46.7	-	9.3	12.0	9.2	9.5	-
Beet sugar .....	2063	40.0	38.0	40.9	43.3	-	3.5	4.6	3.6	4.8	-
Candy and other confectionery products .....	2064	40.3	40.3	38.2	38.7	-	3.8	3.8	2.8	3.3	-
Fats and oils .....	207	44.1	44.5	44.0	44.2	-	6.0	6.7	5.9	6.3	-
Beverages .....	208	41.7	42.8	42.7	42.2	-	4.8	5.3	6.0	5.5	-
Malt beverages .....	2082	43.3	43.9	44.5	43.9	-	7.0	6.8	9.3	8.3	-
Bottled and canned soft drinks .....	2086	41.7	42.1	42.7	42.0	-	4.4	4.3	5.8	5.3	-
Misc. food and kindred products .....	209	41.6	39.9	40.3	40.6	-	5.8	4.8	5.4	4.8	-
Tobacco products .....	21	39.3	40.9	38.4	38.9	39.8	1.7	3.3	2.0	2.1	-
Cigarettes .....	211	40.0	41.3	38.3	39.0	-	1.8	3.6	2.0	2.1	-
Textile mill products .....	22	40.3	40.4	40.6	41.8	41.9	3.9	3.9	4.2	4.8	-
Broadwoven fabric mills, cotton .....	221	39.9	41.0	39.5	41.5	-	4.6	4.6	4.6	5.7	-
Broadwoven fabric mills, synthetics .....	222	41.1	41.4	40.4	41.9	-	4.1	4.2	3.7	4.8	-
Broadwoven fabric mills, wool .....	223	40.7	39.2	42.9	43.9	-	3.2	2.8	5.3	6.4	-
Narrow fabric mills .....	224	40.5	40.6	40.0	41.0	-	2.9	3.0	2.8	3.7	-
Knitting mills .....	225	38.9	38.7	39.7	40.6	-	3.1	3.1	3.7	4.1	-
Women's hosiery, except socks .....	2251	37.1	37.6	38.5	38.6	-	2.9	2.6	3.0	3.3	-
Hosiery, nec .....	2252	38.8	37.9	39.7	40.1	-	2.3	2.0	3.4	3.2	-
Knit outerwear mills .....	2253	38.8	38.5	39.1	40.7	-	3.5	3.5	4.2	4.6	-
Knit underwear mills .....	2254	38.0	38.2	37.9	38.4	-	2.0	2.1	2.1	2.2	-
Weft knit fabric mills .....	2257	39.9	40.4	41.7	43.3	-	3.5	3.8	4.8	5.7	-
Textile finishing, except wool .....	226	41.3	42.2	43.2	44.9	-	4.8	5.3	6.1	7.5	-
Finishing plants, cotton .....	2261	41.0	42.5	43.1	45.6	-	4.6	5.4	6.5	8.1	-
Finishing plants, synthetics .....	2262	42.0	43.0	43.9	44.8	-	5.3	5.9	6.4	7.7	-
Carpets and rugs .....	227	42.8	43.0	43.4	44.1	-	4.9	4.9	5.1	5.2	-
Yarn and thread mills .....	228	40.1	39.9	40.2	41.1	-	3.7	3.5	4.0	4.3	-
Yarn spinning mills .....	2281	40.7	40.6	40.8	41.6	-	4.1	3.9	4.1	4.6	-
Throwing and winding mills .....	2282	36.3	36.2	35.7	37.1	-	2.4	1.8	2.4	1.9	-
Miscellaneous textile goods .....	229	41.8	41.6	40.8	42.4	-	4.1	3.9	3.1	4.2	-
Apparel and other textile products .....	23	36.7	36.7	36.8	37.4	37.6	1.7	1.8	1.7	2.0	-
Men's and boys' suits and coats .....	231	36.0	35.9	37.0	37.1	-	.9	.9	1.1	1.0	-
Men's and boys' furnishings .....	232	36.6	36.4	36.8	37.3	-	1.3	1.3	1.5	1.8	-
Men's and boys' shirts .....	2321	36.0	35.4	36.6	37.0	-	1.1	.9	1.4	1.7	-
Men's and boys' trousers and slacks .....	2325	35.8	35.6	36.4	36.7	-	1.3	1.4	1.5	1.7	-
Men's and boys' work clothing .....	2326	37.5	37.6	37.4	37.0	-	1.2	1.6	1.3	1.7	-
Women's and misses' outerwear .....	233	35.2	34.9	35.7	36.0	-	1.5	1.4	1.7	1.8	-
Women's and misses' blouses and shirts .....	2331	35.8	35.7	35.4	36.1	-	1.0	1.1	.9	1.1	-
Women's, juniors', and misses' dresses .....	2335	34.1	33.2	34.9	35.1	-	1.4	1.0	2.0	1.7	-
Women's and misses' suits and coats .....	2337	36.0	35.5	35.0	34.9	-	2.3	2.1	1.4	1.6	-
Women's and misses' outerwear, nec .....	2339	35.4	35.3	36.2	36.5	-	1.5	1.4	1.9	2.0	-
Women's and children's undergarments .....	234	38.0	38.2	37.1	38.7	-	1.5	1.6	1.5	2.1	-
Women's and children's underwear .....	2341	38.5	38.6	37.4	39.4	-	1.7	1.7	1.5	2.2	-
Brassieres, girdles, and allied garments .....	2342	35.0	35.9	35.4	34.8	-	.5	1.0	1.8	1.3	-
Girls' and children's outerwear .....	236	36.5	36.4	37.5	37.6	-	1.4	1.4	1.9	2.1	-
Girls' and children's dresses and blouses .....	2361	36.3	36.3	37.4	37.8	-	1.8	1.8	2.0	2.3	-
Misc. apparel and accessories .....	238	36.9	37.5	36.7	37.5	-	1.4	1.8	1.3	1.6	-
Misc. fabricated textile products .....	239	39.1	39.7	38.1	39.7	-	2.9	3.4	2.2	2.9	-
Curtains and draperies .....	2391	36.6	36.3	35.3	37.3	-	1.4	1.8	1.1	1.3	-
House furnishings, nec .....	2392	39.3	40.2	37.1	38.9	-	2.9	3.9	1.8	3.2	-
Automotive and apparel trimmings .....	2396	41.3	41.7	39.8	41.2	-	4.0	4.5	3.2	3.8	-
Paper and allied products .....	26	43.2	43.7	43.2	43.3	43.9	4.9	5.3	5.1	5.2	-
Paper mills .....	262	44.5	45.1	44.6	44.2	-	5.1	5.7	5.6	5.5	-
Paperboard mills .....	263	45.1	45.9	45.1	45.0	-	6.9	7.3	6.8	7.0	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>p</sup>	Sept. 1991 <sup>p</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>p</sup>	Sept. 1991 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Food and kindred products—Continued											
Bakery products .....	205	\$10.94	\$10.91	\$11.26	\$11.21	-	\$433.22	\$433.13	\$438.01	\$440.55	-
Bread, cake, and related products .....	2051	10.96	11.00	11.34	11.30	-	430.73	431.20	444.53	440.70	-
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	10.91	10.75	11.11	11.05	-	439.67	436.45	426.62	439.79	-
Sugar and confectionery products .....	206	10.29	10.20	10.99	10.83	-	426.01	422.28	434.11	436.45	-
Raw cane sugar .....	2061	10.13	10.25	10.09	10.47	-	424.45	445.88	442.95	468.01	-
Cane sugar refining .....	2062	14.36	14.44	14.52	14.51	-	659.12	714.78	675.18	677.62	-
Beet sugar .....	2063	11.85	11.08	11.67	11.95	-	474.00	421.04	477.30	517.44	-
Candy and other confectionery products .....	2064	9.00	8.94	10.22	9.83	-	362.70	360.28	390.40	380.42	-
Fats and oils .....	207	10.19	10.34	10.38	10.47	-	449.38	460.13	456.72	462.77	-
Beverages .....	208	13.43	13.45	13.80	13.75	-	560.03	575.66	589.26	580.25	-
Malt beverages .....	2082	18.65	18.60	19.38	19.30	-	807.55	816.54	862.41	847.27	-
Bottled and canned soft drinks .....	2086	10.78	10.88	11.18	11.08	-	449.53	458.05	477.39	465.36	-
Misc. food and kindred products .....	209	8.93	9.02	9.01	9.07	-	371.49	359.90	363.10	368.24	-
Tobacco products .....	21	16.16	15.92	18.31	16.65	\$16.16	635.09	651.13	703.10	647.69	\$643.17
Cigarettes .....	211	19.41	19.86	20.58	20.61	-	776.40	820.22	788.21	803.79	-
Textile mill products .....	22	8.05	8.09	8.27	8.36	8.41	324.42	326.84	335.76	349.45	352.38
Broadwoven fabric mills, cotton .....	221	8.35	8.41	8.58	8.63	-	333.17	344.81	338.91	358.15	-
Broadwoven fabric mills, synthetics .....	222	8.66	8.74	8.83	8.95	-	355.93	361.84	356.73	375.01	-
Broadwoven fabric mills, wool .....	223	8.57	8.62	8.82	9.07	-	348.80	337.90	378.38	398.17	-
Narrow fabric mills .....	224	7.41	7.44	7.84	7.89	-	300.11	302.06	313.60	323.49	-
Knitting mills .....	225	7.41	7.44	7.62	7.73	-	288.25	287.93	302.51	313.84	-
Women's hosiery, except socks .....	2251	6.86	6.95	7.08	7.30	-	254.51	261.32	272.58	281.78	-
Hosiery, nec .....	2252	7.07	7.07	7.32	7.32	-	274.32	267.95	290.60	293.53	-
Knit outerwear mills .....	2253	7.31	7.34	7.56	7.64	-	283.63	282.59	295.60	310.95	-
Knit underwear mills .....	2254	7.40	7.39	7.53	7.63	-	281.20	282.30	285.39	292.99	-
Weft knit fabric mills .....	2257	8.04	8.05	8.27	8.45	-	320.80	325.22	344.86	365.89	-
Textile finishing, except wool .....	226	8.43	8.53	8.74	8.77	-	348.16	359.97	377.57	393.77	-
Finishing plants, cotton .....	2261	8.36	8.49	8.73	8.78	-	342.76	360.83	376.26	400.37	-
Finishing plants, synthetics .....	2262	8.79	8.87	9.10	9.10	-	369.18	381.41	399.49	407.68	-
Carpets and rugs .....	227	8.25	8.27	8.45	8.45	-	353.10	355.61	366.73	372.65	-
Yarn and thread mills .....	228	7.74	7.77	7.88	8.02	-	310.37	310.02	316.78	329.62	-
Yarn spinning mills .....	2281	7.73	7.78	7.88	8.03	-	314.61	315.87	321.50	334.05	-
Throwing and winding mills .....	2282	7.97	7.95	7.99	8.18	-	289.31	287.79	285.24	303.48	-
Miscellaneous textile goods .....	229	9.18	9.20	9.57	9.63	-	383.72	382.72	390.46	408.31	-
Apparel and other textile products .....	23	6.61	6.68	6.79	6.81	6.85	242.59	245.16	249.87	254.69	257.56
Men's and boys' suits and coats .....	231	7.29	7.27	7.44	7.37	-	262.44	260.99	275.28	273.43	-
Men's and boys' furnishings .....	232	6.07	6.13	6.29	6.31	-	222.16	223.13	231.47	235.36	-
Men's and boys' shirts .....	2321	5.99	6.03	6.19	6.24	-	215.64	213.46	226.55	230.88	-
Men's and boys' trousers and slacks .....	2325	5.95	6.01	6.21	6.20	-	213.01	213.96	226.04	227.54	-
Men's and boys' work clothing .....	2326	5.91	5.95	6.14	6.16	-	221.63	223.72	229.64	227.92	-
Women's and misses' outerwear .....	233	6.30	6.36	6.53	6.53	-	221.76	221.96	233.12	235.08	-
Women's and misses' blouses and shirts .....	2331	5.61	5.67	5.78	5.83	-	200.84	202.42	204.61	210.46	-
Women's, juniors', and misses' dresses .....	2335	6.74	6.82	6.91	6.89	-	229.83	226.42	241.16	241.84	-
Women's and misses' suits and coats .....	2337	7.00	7.04	7.14	7.23	-	252.00	249.92	249.90	252.33	-
Women's and misses' outerwear, nec .....	2339	6.15	6.21	6.42	6.40	-	217.71	219.21	232.40	233.60	-
Women's and children's undergarments .....	234	6.19	6.25	6.51	6.53	-	235.22	238.75	241.52	252.71	-
Women's and children's underwear .....	2341	6.09	6.15	6.40	6.41	-	234.47	237.39	239.36	252.55	-
Brassieres, girdles, and allied garments .....	2342	6.81	6.82	7.20	7.28	-	238.35	244.84	254.88	253.34	-
Girls' and children's outerwear .....	236	5.99	6.04	6.14	6.17	-	218.64	219.86	230.25	231.99	-
Girls' and children's dresses and blouses .....	2361	5.88	5.89	5.93	6.03	-	213.44	213.81	221.78	227.93	-
Misc. apparel and accessories .....	238	6.44	6.46	6.51	6.54	-	237.64	242.25	238.92	245.25	-
Misc. fabricated textile products .....	239	7.90	8.02	8.03	8.09	-	308.89	318.39	305.94	321.17	-
Curtains and draperies .....	2391	6.57	6.60	6.69	6.79	-	240.46	239.58	236.16	253.27	-
House furnishings, nec .....	2392	6.69	6.82	6.88	6.97	-	262.92	274.16	255.25	271.13	-
Automotive and apparel trimmings .....	2396	11.19	11.35	10.89	10.97	-	462.15	473.30	433.42	451.96	-
Paper and allied products .....	26	12.29	12.43	12.78	12.73	12.81	530.93	543.19	552.10	551.21	562.36
Paper mills .....	262	15.09	15.36	15.71	15.70	-	671.51	692.74	700.67	693.94	-
Paperboard mills .....	263	15.17	15.42	15.62	15.75	-	684.17	707.78	704.46	708.75	-

See footnotes at end of table.



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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Paper and allied products—Continued											
Paperboard containers and boxes .....	265	42.9	43.4	42.9	43.2	-	5.0	5.5	5.1	5.2	-
Corrugated and solid fiber boxes .....	2653	43.4	44.3	43.5	44.2	-	5.6	6.4	5.6	6.0	-
Sanitary food containers .....	2656	44.5	43.9	44.8	44.0	-	4.9	4.7	5.5	4.6	-
Folding paperboard boxes .....	2657	42.5	42.3	41.9	41.7	-	4.9	5.1	4.7	4.4	-
Misc. converted paper products .....	267	42.1	42.4	41.9	42.2	-	4.2	4.5	4.1	4.4	-
Paper, coated and laminated, nec .....	2672	43.5	43.0	43.0	42.7	-	4.0	4.1	4.1	3.7	-
Bags: plastics, laminated, and coated .....	2673	41.6	41.9	41.1	41.3	-	4.8	5.4	4.4	4.7	-
Envelopes .....	2677	41.9	41.5	40.6	41.6	-	3.8	3.9	3.2	3.7	-
Printing and publishing .....	27	38.3	38.5	37.3	38.1	38.2	3.2	3.5	2.5	3.0	-
Newspapers .....	271	33.2	33.2	32.5	32.8	-	1.3	1.4	.9	1.0	-
Periodicals .....	272	38.8	38.8	37.4	38.5	-	3.6	3.8	2.6	3.3	-
Books .....	273	39.4	39.4	38.8	40.0	-	3.4	3.8	2.9	3.5	-
Book publishing .....	2731	38.4	39.2	38.7	39.3	-	2.2	2.4	1.7	2.1	-
Book printing .....	2732	40.7	39.6	38.9	40.8	-	4.9	5.5	4.4	5.3	-
Miscellaneous publishing .....	274	37.3	36.2	35.9	36.3	-	2.2	1.9	1.4	1.8	-
Commercial printing .....	275	39.7	40.1	38.6	39.6	-	3.8	4.2	2.9	3.7	-
Commercial printing, lithographic .....	2752	39.4	39.8	38.3	39.4	-	3.8	4.2	2.8	3.6	-
Commercial printing, nec .....	2759	39.9	40.2	38.8	39.3	-	3.4	3.9	2.9	3.5	-
Manifold business forms .....	276	41.3	41.5	41.6	41.6	-	3.7	4.0	4.2	4.1	-
Blankbooks and bookbinding .....	278	38.2	38.7	37.6	37.9	-	2.9	3.4	2.5	2.4	-
Printing trade services .....	279	40.0	40.0	38.9	39.5	-	5.1	4.9	3.8	4.3	-
Chemicals and allied products .....	28	42.0	42.7	42.3	42.7	43.1	4.2	4.5	4.5	4.7	-
Industrial inorganic chemicals .....	281	42.2	43.0	43.6	43.2	-	4.3	4.3	4.9	4.7	-
Industrial inorganic chemicals, nec .....	2819	41.6	42.5	43.6	43.2	-	4.1	4.2	4.7	4.6	-
Plastics materials and synthetics .....	282	41.8	42.7	42.2	42.4	-	4.4	4.9	5.1	5.4	-
Plastics materials and resins .....	2821	43.5	44.1	43.4	43.4	-	5.4	5.7	5.9	6.0	-
Organic fibers, noncellulosic .....	2824	40.3	41.4	41.2	41.5	-	3.5	3.9	4.3	4.7	-
Drugs .....	283	41.2	41.9	41.1	42.2	-	3.7	4.1	3.6	3.9	-
Pharmaceutical preparations .....	2834	41.3	42.1	40.9	42.1	-	3.7	4.1	3.5	3.8	-
Soap, cleaners, and toilet goods .....	284	40.5	40.9	40.3	41.4	-	3.2	3.5	3.1	4.0	-
Soap and other detergents .....	2841	42.0	41.8	41.2	42.2	-	4.8	5.0	4.7	5.7	-
Polishing, sanitation, and finishing preparations .....	2842,3	41.6	41.9	41.4	42.3	-	3.5	4.0	3.8	4.4	-
Toilet preparations .....	2844	39.0	39.9	39.1	40.3	-	2.1	2.3	1.6	2.6	-
Paints and allied products .....	285	42.2	42.3	42.5	42.0	-	3.9	3.8	4.7	3.9	-
Industrial organic chemicals .....	286	44.6	45.3	45.3	44.9	-	5.6	5.8	6.1	5.6	-
Cyclic crudes and intermediates .....	2865	43.8	43.7	45.2	45.0	-	5.8	5.5	6.1	7.2	-
Industrial organic chemicals, nec .....	2869	44.9	45.8	45.5	45.0	-	5.6	5.9	6.2	5.3	-
Agricultural chemicals .....	287	42.9	44.4	43.4	43.8	-	4.5	5.4	5.1	5.4	-
Miscellaneous chemical products .....	289	42.2	42.3	41.5	42.4	-	4.5	4.7	4.1	4.4	-
Petroleum and coal products .....	29	43.8	45.3	43.9	43.7	44.7	5.9	6.6	6.3	6.0	-
Petroleum refining .....	291	42.8	44.8	43.5	43.1	-	4.8	5.8	5.8	5.4	-
Asphalt paving and roofing materials .....	295	47.9	48.1	46.6	47.2	-	10.4	10.0	8.8	9.3	-
Rubber and misc. plastics products .....	30	41.1	41.6	40.5	41.3	41.6	3.8	4.1	3.7	3.9	-
Tires and inner tubes .....	301	42.0	43.6	39.9	42.6	-	4.9	5.3	4.7	5.5	-
Rubber and plastics footwear .....	302	41.8	41.5	44.1	43.2	-	3.7	3.8	4.6	3.7	-
Hose, belting, gaskets, and packing .....	305	42.2	42.5	40.2	41.4	-	3.5	4.0	3.5	3.8	-
Rubber and plastics hose and belting .....	3052	41.6	42.4	41.1	42.4	-	3.2	4.2	3.2	3.6	-
Fabricated rubber products, nec .....	306	41.1	41.5	40.1	40.8	-	3.3	3.5	2.8	3.1	-
Miscellaneous plastics products, nec .....	308	40.8	41.3	40.6	41.2	-	3.8	4.0	3.7	3.9	-
Leather and leather products .....	31	37.9	37.5	37.7	37.7	37.8	2.1	2.1	1.8	2.1	-
Leather tanning and finishing .....	311	42.6	42.1	42.4	41.7	-	4.4	4.6	4.0	4.3	-
Footwear, except rubber .....	314	37.1	36.2	36.6	36.4	-	1.5	1.4	1.4	1.6	-
Men's footwear, except athletic .....	3143	37.2	35.9	35.4	36.4	-	1.0	1.2	1.5	1.8	-
Women's footwear, except athletic .....	3144	37.4	36.4	37.6	36.1	-	2.3	1.6	1.2	1.4	-
Luggage .....	316	39.2	40.4	39.6	41.2	-	2.9	2.7	2.5	3.0	-
Handbags and personal leather goods .....	317	37.7	38.0	36.8	37.9	-	1.7	2.3	.9	1.7	-
<b>Transportation and public utilities .....</b>		<b>39.3</b>	<b>39.2</b>	<b>38.9</b>	<b>38.9</b>	<b>39.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Railroad transportation:											
Class I railroads <sup>3</sup> .....	4011	46.3	44.3	47.4	45.9	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Paper and allied products—Continued											
Paperboard containers and boxes .....	265	\$10.47	\$10.54	\$10.82	\$10.84	-	\$449.16	\$457.44	\$464.18	\$468.29	-
Corrugated and solid fiber boxes .....	2653	10.66	10.70	10.93	10.97	-	462.64	474.01	475.46	484.87	-
Sanitary food containers .....	2656	10.22	10.24	10.66	10.68	-	454.79	449.54	477.57	469.92	-
Folding paperboard boxes .....	2657	10.72	10.80	11.09	11.12	-	455.60	456.84	464.67	463.70	-
Misc. converted paper products .....	267	10.77	10.87	11.18	11.13	-	453.42	460.89	468.44	469.69	-
Paper, coated and laminated, nec .....	2672	12.06	12.25	12.44	12.44	-	524.61	526.75	534.92	531.19	-
Bags: plastics, laminated, and coated .....	2673	10.09	10.19	10.60	10.47	-	419.74	426.96	435.66	432.41	-
Envelopes .....	2677	10.23	10.28	10.62	10.51	-	428.64	426.62	431.17	437.22	-
Printing and publishing .....	27	11.30	11.40	11.49	11.57	\$11.70	432.79	438.90	428.58	440.82	\$446.94
Newspapers .....	271	11.20	11.22	11.48	11.46	-	371.84	372.50	373.10	375.89	-
Periodicals .....	272	12.01	12.04	12.28	12.51	-	465.99	467.15	459.27	481.64	-
Books .....	273	10.32	10.48	10.31	10.51	-	406.61	412.91	400.03	420.40	-
Book publishing .....	2731	10.27	10.38	10.08	10.18	-	394.37	406.90	390.10	400.07	-
Book printing .....	2732	10.38	10.59	10.58	10.90	-	422.47	419.36	411.56	444.72	-
Miscellaneous publishing .....	274	10.34	10.27	10.63	10.62	-	385.68	371.77	381.62	385.51	-
Commercial printing .....	275	11.58	11.72	11.76	11.86	-	459.73	469.97	453.94	469.66	-
Commercial printing, lithographic .....	2752	11.72	11.83	11.77	11.86	-	461.77	470.83	450.79	467.28	-
Commercial printing, nec .....	2759	11.24	11.44	11.64	11.74	-	448.48	459.89	451.63	461.38	-
Manifold business forms .....	276	11.75	11.82	12.21	12.13	-	485.28	490.53	507.94	504.61	-
Blankbooks and bookbinding .....	278	8.77	9.00	9.01	8.98	-	335.01	348.30	338.78	340.34	-
Printing trade services .....	279	13.87	13.89	13.74	13.86	-	554.80	555.60	534.49	547.47	-
Chemicals and allied products .....	28	13.58	13.64	14.16	14.04	14.14	570.36	582.43	598.97	599.51	609.43
Industrial inorganic chemicals .....	281	14.79	14.86	15.23	15.21	-	624.14	638.98	664.03	657.07	-
Industrial inorganic chemicals, nec .....	2819	14.95	15.08	15.50	15.46	-	621.92	640.90	675.80	667.87	-
Plastics materials and synthetics .....	282	13.97	14.09	14.92	14.85	-	583.95	601.64	629.62	629.64	-
Plastics materials and resins .....	2821	14.87	14.85	15.52	15.44	-	646.85	654.89	673.57	670.10	-
Organic fibers, noncellulosic .....	2824	13.23	13.30	14.20	14.16	-	533.17	550.62	585.04	587.64	-
Drugs .....	283	12.96	12.97	13.52	13.46	-	533.95	543.44	555.67	568.01	-
Pharmaceutical preparations .....	2834	12.92	12.93	13.54	13.45	-	533.60	544.35	553.79	566.25	-
Soap, cleaners, and toilet goods .....	284	11.75	11.74	12.13	11.95	-	475.88	480.17	488.84	494.73	-
Soap and other detergents .....	2841	15.56	15.68	15.43	15.42	-	653.52	655.42	635.72	650.72	-
Polishing, sanitation, and finishing preparations .....	2842,3	10.51	10.49	10.66	10.65	-	437.22	439.53	441.32	450.50	-
Toilet preparations .....	2844	10.02	10.01	10.72	10.45	-	390.78	399.40	419.15	421.14	-
Paints and allied products .....	285	12.11	12.13	12.70	12.50	-	511.04	513.10	539.75	525.00	-
Industrial organic chemicals .....	286	15.99	16.00	16.69	16.53	-	713.15	724.80	756.06	742.20	-
Cyclic crudes and intermediates .....	2865	16.11	15.95	16.19	16.03	-	705.62	697.02	731.79	721.35	-
Industrial organic chemicals, nec .....	2869	16.14	16.18	16.97	16.81	-	724.69	741.04	772.14	756.45	-
Agricultural chemicals .....	287	13.82	14.00	14.29	14.28	-	592.88	621.60	620.19	625.46	-
Miscellaneous chemical products .....	289	12.37	12.48	12.68	12.64	-	522.01	527.90	526.22	535.94	-
Petroleum and coal products .....	29	16.06	16.40	16.87	16.80	17.12	703.43	742.92	740.59	734.16	765.26
Petroleum refining .....	291	17.45	17.81	18.48	18.36	-	746.86	797.89	803.88	791.32	-
Asphalt paving and roofing materials .....	295	13.21	13.41	12.81	13.04	-	632.76	645.02	596.95	615.49	-
Rubber and misc. plastics products .....	30	9.78	9.87	10.11	10.13	10.17	401.96	410.59	409.46	418.37	423.07
Tires and inner tubes .....	301	15.47	15.56	16.25	16.32	-	649.74	678.42	648.38	695.23	-
Rubber and plastics footwear .....	302	6.67	6.86	6.84	6.78	-	278.81	284.69	301.64	292.90	-
Hose, belting, gaskets, and packing .....	305	9.69	9.77	10.05	10.06	-	408.92	415.23	404.01	416.48	-
Rubber and plastics hose and belting .....	3052	9.93	9.95	10.27	10.33	-	413.09	421.88	422.10	437.99	-
Fabricated rubber products, nec .....	306	9.35	9.42	9.61	9.59	-	384.29	390.93	385.36	391.27	-
Miscellaneous plastics products, nec .....	308	9.18	9.24	9.47	9.46	-	374.54	381.61	384.48	389.75	-
Leather and leather products .....	31	6.83	6.95	7.10	7.11	7.16	258.86	260.63	267.67	268.05	270.65
Leather tanning and finishing .....	311	8.99	9.18	9.72	9.48	-	382.97	386.48	412.13	395.32	-
Footwear, except rubber .....	314	6.55	6.67	6.67	6.74	-	243.01	241.45	244.12	245.34	-
Men's footwear, except athletic .....	3143	7.08	7.30	7.26	7.32	-	263.38	262.07	257.00	266.45	-
Women's footwear, except athletic .....	3144	6.13	6.15	6.23	6.33	-	229.26	223.86	234.25	228.51	-
Luggage .....	316	6.72	6.97	7.12	6.92	-	263.42	281.59	281.95	285.10	-
Handbags and personal leather goods .....	317	5.96	6.06	6.31	6.32	-	224.69	230.28	232.21	239.53	-
<b>Transportation and public utilities .....</b>		<b>12.97</b>	<b>13.08</b>	<b>13.25</b>	<b>13.24</b>	<b>13.31</b>	<b>509.72</b>	<b>512.74</b>	<b>515.43</b>	<b>515.04</b>	<b>520.42</b>
Railroad transportation:											
Class I railroads <sup>3</sup> .....	4011	15.98	16.08	15.70	15.80	-	739.87	712.34	744.18	725.22	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Transportation and public utilities—Continued</b>											
Local and interurban passenger transit .....	41	35.0	32.7	35.1	34.6	-	-	-	-	-	-
Local and suburban transportation .....	411	38.2	38.0	37.9	37.4	-	-	-	-	-	-
Intercity and rural bus transportation .....	413	39.9	39.7	38.7	38.9	-	-	-	-	-	-
Trucking and warehousing .....	42	39.1	39.2	38.4	39.0	-	-	-	-	-	-
Trucking and courier services, except air .....	421	39.1	39.2	38.3	39.0	-	-	-	-	-	-
Public warehousing and storage .....	422	39.2	39.4	39.8	39.7	-	-	-	-	-	-
Pipelines, except natural gas .....	46	41.9	42.9	41.2	41.6	-	-	-	-	-	-
Transportation services:											
Passenger transportation arrangement .....	472	35.7	36.3	35.6	35.8	-	-	-	-	-	-
Travel agencies .....	4724	35.7	36.3	35.5	35.8	-	-	-	-	-	-
Freight transportation arrangement .....	473	37.7	38.2	36.9	36.7	-	-	-	-	-	-
Communications .....	48	39.6	39.9	39.5	39.3	-	-	-	-	-	-
Telephone communications .....	481	41.2	41.4	41.2	40.8	-	-	-	-	-	-
Radio and television broadcasting .....	483	34.7	35.4	34.4	34.5	-	-	-	-	-	-
Cable and other pay television services .....	484	38.8	38.7	38.8	38.7	-	-	-	-	-	-
Electric, gas, and sanitary services .....	49	41.4	41.9	41.5	41.4	-	-	-	-	-	-
Electric services .....	491	41.3	42.0	41.3	41.2	-	-	-	-	-	-
Gas production and distribution .....	492	41.9	42.5	41.6	42.2	-	-	-	-	-	-
Combination utility services .....	493	41.1	41.5	41.7	41.2	-	-	-	-	-	-
Sanitary services .....	495	42.0	42.2	42.0	42.3	-	-	-	-	-	-
<b>Wholesale trade .....</b>		<b>38.1</b>	<b>38.3</b>	<b>38.1</b>	<b>38.2</b>	<b>38.4</b>	-	-	-	-	-
Durable goods .....	50	38.7	38.8	38.6	38.7	-	-	-	-	-	-
Motor vehicles, parts, and supplies .....	501	38.1	38.0	37.9	38.1	-	-	-	-	-	-
Furniture and home furnishings .....	502	37.2	37.6	36.2	36.7	-	-	-	-	-	-
Lumber and other construction materials .....	503	40.0	40.1	40.1	40.6	-	-	-	-	-	-
Professional and commercial equipment .....	504	38.8	39.0	39.1	39.0	-	-	-	-	-	-
Metals and minerals, except petroleum .....	505	40.2	40.4	39.7	40.2	-	-	-	-	-	-
Electrical goods .....	506	38.6	38.8	38.4	38.7	-	-	-	-	-	-
Hardware, plumbing, and heating equipment .....	507	38.8	38.9	38.7	38.7	-	-	-	-	-	-
Machinery, equipment, and supplies .....	508	39.0	39.2	38.8	39.1	-	-	-	-	-	-
Misc. wholesale trade durable goods .....	509	37.1	37.3	36.9	37.0	-	-	-	-	-	-
Nondurable goods .....	51	37.3	37.5	37.4	37.5	-	-	-	-	-	-
Paper and paper products .....	511	37.6	37.5	37.1	37.1	-	-	-	-	-	-
Drugs, proprietaries, and sundries .....	512	37.1	37.1	37.3	37.6	-	-	-	-	-	-
Apparel, piece goods, and notions .....	513	36.7	36.7	36.2	36.8	-	-	-	-	-	-
Groceries and related products .....	514	37.8	38.3	38.3	38.3	-	-	-	-	-	-
Chemicals and allied products .....	516	40.0	40.1	39.9	40.2	-	-	-	-	-	-
Petroleum and petroleum products .....	517	38.4	38.7	37.9	38.0	-	-	-	-	-	-
Beer, wine, and distilled beverages .....	518	36.7	36.7	37.0	36.8	-	-	-	-	-	-
Misc. wholesale trade nondurable goods .....	519	36.6	36.4	36.6	36.7	-	-	-	-	-	-
<b>Retail trade .....</b>		<b>29.4</b>	<b>28.9</b>	<b>29.3</b>	<b>29.3</b>	<b>28.7</b>	-	-	-	-	-
Building materials and garden supplies .....	52	36.7	36.5	36.6	36.6	-	-	-	-	-	-
Lumber and other building materials .....	521	38.5	38.3	38.5	38.6	-	-	-	-	-	-
Hardware stores .....	525	32.7	32.3	33.0	32.9	-	-	-	-	-	-
General merchandise stores .....	53	28.6	28.2	29.7	28.9	-	-	-	-	-	-
Department stores .....	531	28.5	28.1	29.7	28.9	-	-	-	-	-	-
Variety stores .....	533	28.6	28.1	28.7	27.6	-	-	-	-	-	-
Misc. general merchandise stores .....	539	29.5	29.3	29.9	29.9	-	-	-	-	-	-
Food stores .....	54	30.4	29.8	30.4	30.0	-	-	-	-	-	-
Grocery stores .....	541	30.5	30.0	30.6	30.2	-	-	-	-	-	-
Retail bakeries .....	546	29.3	28.8	28.9	29.0	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Transportation and public utilities—Continued</b>											
Local and interurban passenger transit .....	41	\$9.34	\$9.23	\$9.63	\$9.62	-	\$326.90	\$301.82	\$338.01	\$332.85	-
Local and suburban transportation .....	411	9.85	9.90	10.21	10.12	-	376.27	376.20	386.96	378.49	-
Intercity and rural bus transportation .....	413	11.68	11.80	12.85	12.82	-	466.03	468.46	497.30	498.70	-
Trucking and warehousing .....	42	11.70	11.81	11.80	11.88	-	457.47	462.95	453.12	463.32	-
Trucking and courier services, except air .....	421	11.85	11.97	11.94	12.02	-	463.34	469.22	457.30	468.78	-
Public warehousing and storage .....	422	9.65	9.58	9.79	9.83	-	378.28	377.45	389.64	390.25	-
Pipelines, except natural gas .....	46	16.84	17.18	17.11	17.21	-	705.60	737.02	704.93	715.94	-
Transportation services:											
Passenger transportation arrangement .....	472	9.12	9.19	9.51	9.60	-	325.58	333.60	338.56	343.68	-
Travel agencies .....	4724	9.24	9.32	9.63	9.73	-	329.87	338.32	341.87	348.33	-
Freight transportation arrangement .....	473	12.07	12.26	12.33	12.07	-	455.04	468.33	454.98	442.97	-
Communications .....	48	13.62	13.67	14.09	14.12	-	539.35	545.43	556.56	554.92	-
Telephone communications .....	481	14.28	14.33	14.74	14.86	-	588.34	593.26	607.29	606.29	-
Radio and television broadcasting .....	483	12.78	12.79	13.58	13.33	-	443.47	452.77	467.15	459.89	-
Cable and other pay television services .....	484	10.59	10.60	10.77	10.73	-	410.89	410.22	417.88	415.25	-
Electric, gas, and sanitary services .....	49	15.08	15.42	15.65	15.61	-	624.31	646.10	649.48	646.25	-
Electric services .....	491	15.68	15.95	16.32	16.25	-	647.58	669.90	674.02	669.50	-
Gas production and distribution .....	492	14.10	14.50	14.78	14.69	-	590.79	616.25	614.85	619.92	-
Combination utility services .....	493	17.41	17.99	18.18	18.39	-	715.55	746.59	758.11	757.67	-
Sanitary services .....	495	11.51	11.67	11.79	11.64	-	483.42	492.47	495.18	492.37	-
<b>Wholesale trade .....</b>		<b>10.76</b>	<b>10.93</b>	<b>11.14</b>	<b>11.13</b>	<b>\$11.24</b>	<b>409.96</b>	<b>418.62</b>	<b>424.43</b>	<b>425.17</b>	<b>\$431.62</b>
Durable goods .....	50	11.11	11.32	11.51	11.50	-	429.96	439.22	444.29	445.05	-
Motor vehicles, parts, and supplies .....	501	9.98	10.12	10.26	10.30	-	380.24	384.56	388.85	392.43	-
Furniture and home furnishings .....	502	10.19	10.26	10.21	10.18	-	379.07	385.78	369.60	373.61	-
Lumber and other construction materials .....	503	10.50	10.67	10.73	10.79	-	420.00	427.87	430.27	438.07	-
Professional and commercial equipment .....	504	13.05	13.31	13.76	13.68	-	506.34	519.09	538.02	533.52	-
Metals and minerals, except petroleum .....	505	11.29	11.37	11.69	11.72	-	453.86	459.35	464.09	471.14	-
Electrical goods .....	506	11.33	11.65	11.72	11.70	-	437.34	452.02	450.05	452.79	-
Hardware, plumbing, and heating equipment .....	507	10.48	10.74	10.84	10.87	-	406.62	417.79	419.51	420.67	-
Machinery, equipment, and supplies .....	508	11.10	11.28	11.43	11.46	-	432.90	442.18	443.48	448.09	-
Misc. wholesale trade durable goods .....	509	8.84	8.97	8.94	8.94	-	327.96	334.58	329.89	330.78	-
Nondurable goods .....	51	10.26	10.38	10.62	10.62	-	382.70	389.25	397.19	398.25	-
Paper and paper products .....	511	10.87	11.13	11.00	11.14	-	408.71	417.38	408.10	413.29	-
Drugs, proprietaries, and sundries .....	512	11.85	12.16	12.45	12.46	-	439.64	451.14	464.39	468.50	-
Apparel, piece goods, and notions .....	513	9.96	10.03	10.32	10.38	-	365.53	368.10	373.58	381.98	-
Groceries and related products .....	514	10.43	10.47	10.76	10.73	-	394.25	401.00	412.11	410.96	-
Chemicals and allied products .....	516	12.41	12.65	12.69	12.73	-	496.40	507.27	506.33	511.75	-
Petroleum and petroleum products .....	517	10.12	10.23	10.26	10.23	-	388.61	395.90	388.85	388.74	-
Beer, wine, and distilled beverages .....	518	11.97	12.11	12.82	12.65	-	439.30	444.44	474.34	465.52	-
Misc. wholesale trade nondurable goods .....	519	8.62	8.75	8.97	9.04	-	315.49	318.50	328.30	331.77	-
<b>Retail trade .....</b>		<b>6.73</b>	<b>6.83</b>	<b>6.98</b>	<b>6.97</b>	<b>7.07</b>	<b>197.86</b>	<b>197.39</b>	<b>204.51</b>	<b>204.22</b>	<b>202.91</b>
Building materials and garden supplies .....	52	7.98	8.07	8.10	8.11	-	292.87	294.56	296.46	296.83	-
Lumber and other building materials .....	521	8.31	8.42	8.42	8.44	-	319.94	322.49	324.17	325.78	-
Hardware stores .....	525	6.72	6.78	6.99	6.93	-	219.74	218.99	230.67	228.00	-
General merchandise stores .....	53	6.81	6.88	7.06	7.04	-	194.77	194.02	209.68	203.46	-
Department stores .....	531	6.95	7.01	7.17	7.15	-	198.08	196.98	212.95	206.64	-
Variety stores .....	533	5.55	5.59	5.83	5.77	-	158.73	157.08	167.32	159.25	-
Misc. general merchandise stores .....	539	6.37	6.46	6.89	6.88	-	187.92	189.28	206.01	205.71	-
Food stores .....	54	7.29	7.41	7.57	7.55	-	221.62	220.82	230.13	226.50	-
Grocery stores .....	541	7.38	7.49	7.66	7.64	-	225.09	224.70	234.40	230.73	-
Retail bakeries .....	546	6.29	6.35	6.52	6.54	-	184.30	182.88	188.43	189.66	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Retail trade—Continued</b>											
Automotive dealers and service stations .....	55	36.5	36.3	36.1	36.3	-	-	-	-	-	-
New and used car dealers .....	551	37.4	37.2	37.1	37.4	-	-	-	-	-	-
Auto and home supply stores .....	553	38.8	38.5	38.7	38.7	-	-	-	-	-	-
Gasoline service stations .....	554	34.2	33.9	33.6	33.7	-	-	-	-	-	-
Automotive dealers, nec .....	559	34.8	34.9	34.9	34.6	-	-	-	-	-	-
Apparel and accessory stores .....	56	27.9	27.1	27.3	27.7	-	-	-	-	-	-
Men's and boys' clothing stores .....	561	29.1	27.8	29.1	29.4	-	-	-	-	-	-
Women's clothing stores .....	562	24.8	24.3	24.6	24.7	-	-	-	-	-	-
Family clothing stores .....	565	28.1	27.5	28.1	28.2	-	-	-	-	-	-
Shoe stores .....	566	31.5	30.6	30.2	31.6	-	-	-	-	-	-
Furniture and home furnishings stores .....	57	33.2	33.1	33.0	33.3	-	-	-	-	-	-
Furniture and home furnishings stores .....	571	33.5	33.5	33.2	33.6	-	-	-	-	-	-
Household appliance stores .....	572	33.6	33.4	34.5	34.7	-	-	-	-	-	-
Radio, television, and computer stores .....	573	32.5	32.4	32.4	32.6	-	-	-	-	-	-
Radio, television, and electronic stores .....	5731	32.4	32.1	31.6	32.0	-	-	-	-	-	-
Record and prerecorded tape stores .....	5735	27.0	26.7	27.4	27.3	-	-	-	-	-	-
Eating and drinking places <sup>4</sup> .....	58	26.0	25.3	25.7	25.9	-	-	-	-	-	-
Miscellaneous retail establishments .....	59	30.1	29.5	30.0	30.1	-	-	-	-	-	-
Drug stores and proprietary stores .....	591	28.2	27.5	28.4	28.3	-	-	-	-	-	-
Miscellaneous shopping goods stores .....	594	29.1	28.2	28.9	29.2	-	-	-	-	-	-
Nonstore retailers .....	596	33.0	32.6	33.3	32.8	-	-	-	-	-	-
Fuel dealers .....	598	36.6	36.9	37.5	37.6	-	-	-	-	-	-
Retail stores, nec .....	599	31.5	31.2	31.1	31.4	-	-	-	-	-	-
<b>Finance, insurance, and real estate<sup>5</sup></b> .....		<b>35.7</b>	<b>36.1</b>	<b>35.6</b>	<b>35.7</b>	<b>36.2</b>	-	-	-	-	-
Depository institutions .....	60	35.6	35.9	35.3	35.4	-	-	-	-	-	-
Commercial banks .....	602	35.5	35.9	35.1	35.2	-	-	-	-	-	-
Credit unions .....	606	35.9	35.8	35.7	35.6	-	-	-	-	-	-
Nondepository institutions .....	61	37.5	38.2	37.5	37.6	-	-	-	-	-	-
Personal credit institutions .....	614	37.9	38.2	38.1	37.8	-	-	-	-	-	-
Security and commodity brokers: Security and commodity services .....	628	37.4	37.5	36.6	36.7	-	-	-	-	-	-
Insurance carriers .....	63	37.3	37.7	37.2	37.3	-	-	-	-	-	-
Life insurance .....	631	36.9	37.3	36.4	36.7	-	-	-	-	-	-
Medical service and health insurance .....	632	38.7	38.4	37.9	38.1	-	-	-	-	-	-
Fire, marine, and casualty insurance .....	633	37.0	37.5	37.4	37.5	-	-	-	-	-	-
<b>Services</b> .....		<b>32.8</b>	<b>32.7</b>	<b>32.6</b>	<b>32.7</b>	<b>32.6</b>	-	-	-	-	-
Hotels and other lodging places: Hotels and motels <sup>4</sup> .....	701	31.6	31.3	30.9	31.4	-	-	-	-	-	-
Personal services: Laundry, cleaning, and garment services .....	721	34.0	33.9	33.6	34.0	-	-	-	-	-	-
Beauty shops <sup>4</sup> .....	723	29.4	29.4	29.1	29.4	-	-	-	-	-	-
Miscellaneous personal services .....	729	24.8	25.3	25.6	25.5	-	-	-	-	-	-
Business services .....	73	33.2	33.1	33.0	33.2	-	-	-	-	-	-
Advertising .....	731	36.4	36.5	36.0	36.2	-	-	-	-	-	-
Services to buildings .....	734	28.7	28.5	28.2	28.7	-	-	-	-	-	-
Personnel supply services: Help supply services .....	7363	31.2	30.6	30.6	30.9	-	-	-	-	-	-
Computer and data processing services .....	737	37.9	38.3	37.8	38.0	-	-	-	-	-	-
Computer programming services .....	7371	38.7	39.0	37.6	38.3	-	-	-	-	-	-
Miscellaneous business services .....	738	34.4	34.5	34.1	34.3	-	-	-	-	-	-
Detective and armored car services .....	7381	33.9	34.0	33.8	33.9	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Retail trade—Continued</b>											
Automotive dealers and service stations .....	55	\$8.99	\$9.09	\$9.12	\$9.12	-	\$328.14	\$329.97	\$329.23	\$331.06	-
New and used car dealers .....	551	11.27	11.38	11.33	11.30	-	421.50	423.34	420.34	422.62	-
Auto and home supply stores .....	553	7.76	7.87	8.03	8.08	-	301.09	303.00	310.76	312.70	-
Gasoline service stations .....	554	6.23	6.24	6.43	6.40	-	213.07	211.54	216.05	215.68	-
Automotive dealers, nec .....	559	10.78	10.95	10.20	10.26	-	375.14	382.16	355.98	355.00	-
Apparel and accessory stores .....	56	6.21	6.33	6.68	6.68	-	173.26	171.54	182.36	185.04	-
Men's and boys' clothing stores .....	561	7.45	7.68	8.30	8.03	-	216.80	213.50	241.53	236.08	-
Women's clothing stores .....	562	5.94	6.12	6.38	6.32	-	147.31	148.72	156.95	156.10	-
Family clothing stores .....	565	6.14	6.27	6.50	6.46	-	172.53	172.43	182.65	182.17	-
Shoe stores .....	566	6.09	6.15	6.78	6.93	-	191.84	188.19	204.76	218.99	-
Furniture and home furnishings stores .....	57	8.56	8.68	8.98	9.00	-	284.19	287.31	296.34	299.70	-
Furniture and home furnishings stores .....	571	8.44	8.52	8.68	8.69	-	282.74	285.42	288.18	291.98	-
Household appliance stores .....	572	8.83	8.96	9.55	9.44	-	296.69	299.26	329.48	327.57	-
Radio, television, and computer stores .....	573	8.67	8.86	9.34	9.38	-	281.78	287.06	302.62	305.79	-
Radio, television, and electronic stores .....	5731	8.68	8.88	9.31	9.26	-	281.23	285.05	294.20	296.32	-
Record and prerecorded tape stores .....	5735	5.30	5.32	5.73	5.86	-	143.10	142.04	157.00	159.98	-
Eating and drinking places <sup>4</sup> .....	58	4.98	5.02	5.18	5.20	-	129.48	127.01	133.13	134.68	-
Miscellaneous retail establishments .....	59	7.11	7.21	7.45	7.43	-	214.01	212.70	223.50	223.64	-
Drug stores and proprietary stores .....	591	6.78	6.91	7.24	7.26	-	191.20	190.03	205.62	205.46	-
Miscellaneous shopping goods stores .....	594	6.63	6.75	6.96	6.95	-	192.93	190.35	201.14	202.94	-
Nonstore retailers .....	596	8.00	7.94	8.38	8.28	-	264.00	258.84	279.05	271.58	-
Fuel dealers .....	598	9.68	9.85	10.16	10.14	-	354.29	363.47	381.00	381.26	-
Retail stores, nec .....	599	7.46	7.50	7.69	7.66	-	234.99	234.00	239.16	240.52	-
<b>Finance, insurance, and real estate<sup>5</sup> .....</b>		<b>9.94</b>	<b>10.10</b>	<b>10.36</b>	<b>10.36</b>	<b>\$10.52</b>	<b>354.86</b>	<b>364.61</b>	<b>368.82</b>	<b>369.85</b>	<b>\$380.82</b>
Depository institutions .....	60	8.44	8.55	8.76	8.77	-	300.46	306.95	309.23	310.46	-
Commercial banks .....	602	8.10	8.20	8.39	8.42	-	287.55	294.38	294.49	296.38	-
Credit unions .....	606	8.04	8.23	8.44	8.45	-	288.64	294.63	301.31	300.82	-
Nondepository institutions .....	61	10.32	10.58	10.97	10.84	-	387.00	404.16	411.38	407.58	-
Personal credit institutions .....	614	9.15	9.32	9.51	9.54	-	346.79	356.02	362.33	360.61	-
Security and commodity brokers:											
Security and commodity services .....	628	13.20	13.44	14.08	14.38	-	493.68	504.00	515.33	527.75	-
Insurance carriers .....	63	11.20	11.32	11.74	11.76	-	417.76	426.76	436.73	438.65	-
Life insurance .....	631	10.38	10.46	10.80	10.78	-	383.02	390.16	393.12	395.63	-
Medical service and health insurance .....	632	10.75	10.87	11.14	11.16	-	416.03	417.41	422.21	425.20	-
Fire, marine, and casualty insurance .....	633	12.02	12.15	12.61	12.69	-	444.74	455.63	471.61	475.88	-
<b>Services .....</b>		<b>9.75</b>	<b>9.95</b>	<b>10.13</b>	<b>10.14</b>	<b>10.35</b>	<b>319.80</b>	<b>325.37</b>	<b>330.24</b>	<b>331.58</b>	<b>337.41</b>
Hotels and other lodging places:											
Hotels and motels <sup>4</sup> .....	701	6.84	7.06	7.04	7.03	-	216.14	220.98	217.54	220.74	-
Personal services:											
Laundry, cleaning, and garment services .....	721	6.85	6.90	7.10	7.05	-	232.90	233.91	238.56	239.70	-
Beauty shops <sup>4</sup> .....	723	7.20	7.12	7.37	7.37	-	211.68	209.33	214.47	216.68	-
Miscellaneous personal services .....	729	7.35	7.51	7.80	7.79	-	182.28	190.00	199.68	198.65	-
Business services .....	73	9.46	9.57	9.80	9.74	-	314.07	316.77	323.40	323.37	-
Advertising .....	731	13.36	13.82	13.76	14.07	-	486.30	504.43	495.36	509.33	-
Services to buildings .....	734	7.22	7.23	7.42	7.28	-	207.21	206.06	209.24	208.94	-
Personnel supply services:											
Help supply services .....	7363	8.05	8.03	8.31	8.24	-	251.16	245.72	254.29	254.62	-
Computer and data processing services .....	737	15.14	15.37	15.58	15.49	-	573.81	588.67	588.92	588.62	-
Computer programming services .....	7371	17.49	17.63	17.89	17.60	-	676.86	687.57	672.66	674.08	-
Miscellaneous business services .....	738	7.95	8.09	8.17	8.18	-	273.48	279.11	278.60	280.57	-
Detective and armored car services .....	7381	6.27	6.36	6.50	6.48	-	212.55	216.24	219.70	219.67	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Services—Continued</b>											
Auto repair, services, and parking .....	75	37.3	36.8	36.7	37.0	-	-	-	-	-	-
Automotive repair shops .....	753	39.0	38.5	38.2	38.6	-	-	-	-	-	-
Miscellaneous repair services .....	76	38.3	38.2	38.0	38.2	-	-	-	-	-	-
Motion pictures .....	78	28.1	27.6	29.4	28.6	-	-	-	-	-	-
Motion picture production and services .....	781	35.1	35.8	37.8	37.0	-	-	-	-	-	-
Amusement and recreation services .....	79	28.3	26.4	28.2	28.3	-	-	-	-	-	-
Misc. amusement and recreation services .....	799	28.4	25.9	28.5	28.5	-	-	-	-	-	-
Physical fitness facilities .....	7991	18.7	18.3	18.6	19.1	-	-	-	-	-	-
Membership sports and recreation clubs .....	7997	29.7	29.3	30.2	29.6	-	-	-	-	-	-
Health services .....	80	32.7	32.7	32.6	32.6	-	-	-	-	-	-
Offices and clinics of medical doctors .....	801	32.0	32.0	31.6	31.8	-	-	-	-	-	-
Offices and clinics of dentists .....	802	28.5	28.6	28.0	28.3	-	-	-	-	-	-
Offices and clinics of other health practitioners .....	804	30.3	30.2	29.4	29.6	-	-	-	-	-	-
Nursing and personal care facilities .....	805	32.1	32.7	32.5	32.1	-	-	-	-	-	-
Intermediate care facilities .....	8052	31.0	31.6	31.7	31.4	-	-	-	-	-	-
Hospitals .....	806	34.5	34.2	34.4	34.3	-	-	-	-	-	-
Home health care services .....	808	25.2	25.8	26.0	26.3	-	-	-	-	-	-
Legal services .....	81	35.0	35.3	34.5	34.7	-	-	-	-	-	-
Social services:											
Child day care services .....	835	30.4	29.6	30.0	30.0	-	-	-	-	-	-
Engineering and management services .....	87	37.4	37.4	36.9	37.3	-	-	-	-	-	-
Engineering and architectural services .....	871	39.5	39.4	38.5	39.0	-	-	-	-	-	-
Engineering services .....	8711	39.8	39.8	38.7	39.3	-	-	-	-	-	-
Architectural services .....	8712	38.1	38.0	37.5	37.8	-	-	-	-	-	-
Accounting, auditing, and bookkeeping .....	872	36.8	37.4	37.2	37.6	-	-	-	-	-	-
Research and testing services .....	873	36.6	36.4	36.1	36.6	-	-	-	-	-	-
Management and public relations .....	874	35.6	35.7	35.1	35.3	-	-	-	-	-	-
Services, nec .....	89	36.9	36.8	35.7	36.0	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Services—Continued</b>											
Auto repair, services, and parking .....	75	\$8.81	\$8.87	\$9.00	\$9.04	-	\$328.61	\$326.42	\$330.30	\$334.48	-
Automotive repair shops .....	753	9.68	9.73	9.85	9.89	-	377.52	374.61	376.27	381.75	-
Miscellaneous repair services .....	76	10.33	10.43	10.63	10.62	-	395.64	398.43	403.94	405.68	-
Motion pictures .....	78	10.61	11.28	10.98	11.80	-	298.14	311.33	322.81	337.48	-
Motion picture production and services .....	781	16.62	17.36	17.36	18.42	-	583.36	621.49	656.21	681.54	-
Amusement and recreation services .....	79	7.63	8.17	7.28	7.24	-	215.93	215.69	205.30	204.89	-
Misc. amusement and recreation services .....	799	6.96	7.37	6.93	6.90	-	197.66	190.88	197.51	196.65	-
Physical fitness facilities .....	7991	7.58	7.79	7.66	7.72	-	141.75	142.56	142.48	147.45	-
Membership sports and recreation clubs .....	7997	7.00	7.41	7.19	7.22	-	207.90	217.11	217.14	213.71	-
Health services .....	80	10.47	10.54	11.02	11.01	-	342.37	344.66	359.25	358.93	-
Offices and clinics of medical doctors .....	801	10.69	10.79	11.11	11.11	-	342.08	345.28	351.08	353.30	-
Offices and clinics of dentists .....	802	10.22	10.29	10.59	10.61	-	291.27	294.29	296.52	300.26	-
Offices and clinics of other health practitioners .....	804	8.97	9.23	9.42	9.44	-	271.79	278.75	276.95	279.42	-
Nursing and personal care facilities .....	805	7.27	7.32	7.59	7.57	-	233.37	239.36	246.68	243.00	-
Intermediate care facilities .....	8052	6.60	6.69	7.02	7.00	-	204.60	211.40	222.53	219.80	-
Hospitals .....	806	11.85	11.95	12.63	12.61	-	408.83	408.69	434.47	432.52	-
Home health care services .....	808	8.74	8.79	9.41	9.41	-	220.25	226.78	244.66	247.48	-
Legal services .....	81	14.12	14.40	14.69	14.61	-	494.20	508.32	506.81	506.97	-
Social services:											
Child day care services .....	835	5.90	6.15	6.14	6.13	-	179.36	182.04	184.20	183.90	-
Engineering and management services .....	87	13.51	13.83	14.02	14.06	-	505.27	517.24	517.34	524.44	-
Engineering and architectural services .....	871	14.63	15.00	15.36	15.45	-	577.89	591.00	591.36	602.55	-
Engineering services .....	8711	15.17	15.54	15.90	15.99	-	603.77	618.49	615.33	628.41	-
Architectural services .....	8712	13.62	13.98	14.41	14.45	-	518.92	531.24	540.38	546.21	-
Accounting, auditing, and bookkeeping .....	872	12.21	12.54	12.35	12.40	-	449.33	469.00	459.42	466.24	-
Research and testing services .....	873	13.98	14.34	14.71	14.70	-	511.67	521.98	531.03	538.02	-
Management and public relations .....	874	12.41	12.67	12.80	12.81	-	441.80	452.32	449.28	452.19	-
Services, nec .....	89	13.68	14.31	14.73	14.70	-	504.79	526.61	525.86	529.20	-

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

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

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

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

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

- Data not available.

<sup>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 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)			
	July 1990	Aug. 1990	July 1991	Aug. 1991 <sup>p</sup>	July 1990	Aug. 1990	July 1991	Aug. 1991 <sup>p</sup>
Average hourly earnings, excluding lump-sum payments .....	\$15.56	\$15.66	\$16.70	\$16.86	\$14.95	\$14.97	\$15.12	\$15.28
Average hourly earnings, including lump-sum payments .....	16.31	16.38	17.17	17.33	15.40	15.41	15.46	15.57

<sup>p</sup> = preliminary.

**ESTABLISHMENT DATA  
EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Manufacturing</b> .....	\$10.33	\$10.41	\$10.74	\$10.67	\$10.72
<b>Durable goods</b> .....	10.84	10.94	11.32	11.26	11.31
Lumber and wood products .....	8.72	8.79	8.95	8.95	(?)
Furniture and fixtures .....	8.26	8.32	8.49	8.50	(?)
Stone, clay, and glass products .....	10.47	10.57	10.78	10.76	(?)
Primary metal industries .....	12.21	12.28	12.73	12.66	(?)
Fabricated metal products .....	10.36	10.44	10.78	10.73	(?)
Industrial machinery and equipment .....	11.27	11.37	11.66	11.62	(?)
Electronic and other electrical equipment .....	9.93	9.98	10.38	10.35	(?)
Transportation equipment .....	13.38	13.56	14.22	14.14	(?)
Instruments and related products .....	10.95	11.02	11.37	11.30	(?)
Miscellaneous manufacturing .....	8.30	8.31	8.59	8.53	(?)
<b>Nondurable goods</b> .....	9.65	9.69	10.00	9.92	\$9.97
Food and kindred products .....	8.96	8.94	9.33	9.25	(?)
Tobacco products .....	15.82	15.30	17.83	16.21	(?)
Textile mill products .....	7.67	7.72	7.86	7.90	(?)
Apparel and other textile products .....	6.46	6.52	6.63	6.63	(?)
Paper and allied products .....	11.64	11.71	12.07	12.01	(?)
Printing and publishing .....	10.84	10.91	11.11	11.12	(?)
Chemicals and allied products .....	12.93	12.95	13.45	13.31	(?)
Petroleum and coal products .....	15.05	15.28	15.74	15.72	(?)
Rubber and misc. plastics products .....	9.35	9.41	9.67	9.67	(?)
Leather and leather products .....	6.65	6.77	6.93	6.92	(?)

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

<sup>2</sup> Not available.

<sup>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 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 workers<sup>1</sup> on private nonfarm payrolls by major industry, in current and constant (1982) dollars**

Industry	Average hourly earnings					Average weekly earnings				
	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>	Aug. 1990	Sept. 1990	July 1991	Aug. 1991 <sup>P</sup>	Sept. 1991 <sup>P</sup>
<b>Total private:</b>										
Current dollars .....	\$9.98	\$10.15	\$10.30	\$10.30	\$10.46	\$347.30	\$353.22	\$355.35	\$357.41	\$361.92
Constant (1982) dollars .....	7.44	7.50	7.43	7.42	( <sup>2</sup> )	258.99	261.06	256.39	257.31	( <sup>2</sup> )
<b>Mining:</b>										
Current dollars .....	13.66	13.86	14.20	14.20	\$14.38	601.04	625.09	619.12	633.32	\$645.66
Constant (1982) dollars .....	10.19	10.24	10.25	10.22	( <sup>2</sup> )	448.20	462.00	446.70	455.95	( <sup>2</sup> )
<b>Construction:</b>										
Current dollars .....	13.79	13.97	13.97	14.02	\$14.13	537.81	546.23	539.24	543.98	\$552.48
Constant (1982) dollars .....	10.28	10.33	10.08	10.09	( <sup>2</sup> )	401.05	403.72	389.06	391.63	( <sup>2</sup> )
<b>Manufacturing:</b>										
Current dollars .....	10.81	10.93	11.22	11.18	\$11.26	441.05	451.41	453.29	457.26	\$465.04
Constant (1982) dollars .....	8.06	8.08	8.10	8.05	( <sup>2</sup> )	328.90	333.64	327.05	329.20	( <sup>2</sup> )
<b>Transportation and public utilities:</b>										
Current dollars .....	12.97	13.08	13.25	13.24	\$13.31	509.72	512.74	515.43	515.04	\$520.42
Constant (1982) dollars .....	9.67	9.67	9.56	9.53	( <sup>2</sup> )	380.10	378.97	371.88	370.80	( <sup>2</sup> )
<b>Wholesale trade:</b>										
Current dollars .....	10.76	10.93	11.14	11.13	\$11.24	409.96	418.62	424.43	425.17	\$431.62
Constant (1982) dollars .....	8.02	8.08	8.04	8.01	( <sup>2</sup> )	305.71	309.40	306.23	306.10	( <sup>2</sup> )
<b>Retail trade:</b>										
Current dollars .....	6.73	6.83	6.98	6.97	\$7.07	197.86	197.39	204.51	204.22	\$202.91
Constant (1982) dollars .....	5.02	5.05	5.04	5.02	( <sup>2</sup> )	147.55	145.89	147.55	147.03	( <sup>2</sup> )
<b>Finance, insurance, and real estate:</b>										
Current dollars .....	9.94	10.10	10.36	10.36	\$10.52	354.86	364.61	368.82	369.85	\$380.82
Constant (1982) dollars .....	7.41	7.46	7.47	7.46	( <sup>2</sup> )	264.62	269.48	266.10	266.27	( <sup>2</sup> )
<b>Services:</b>										
Current dollars .....	9.75	9.95	10.13	10.14	\$10.35	319.80	325.37	330.24	331.58	\$337.41
Constant (1982) dollars .....	7.27	7.35	7.31	7.30	( <sup>2</sup> )	238.48	240.48	238.27	238.72	( <sup>2</sup> )

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

<sup>2</sup> Not available.

<sup>P</sup> = preliminary.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate the earnings series. Establishment survey estimates are currently projected from March 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 workers<sup>1</sup> on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted**

Industry	1990				1991								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>	Sept. <sup>P</sup>
<b>Total private</b> .....	34.6	34.2	34.4	34.6	34.1	34.3	34.2	34.0	34.3	34.6	34.1	34.4	34.5
<b>Mining</b> .....	44.7	44.0	44.9	44.8	44.4	44.9	44.6	44.3	44.9	45.0	43.9	44.6	44.2
<b>Construction</b> .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Manufacturing</b> .....	40.9	40.7	40.6	40.7	40.4	40.3	40.3	40.2	40.4	40.8	40.7	41.0	40.9
<i>Overtime hours</i> .....	3.7	3.6	3.5	3.5	3.4	3.3	3.3	3.3	3.4	3.7	3.7	3.8	3.7
<b>Durable goods</b> .....	41.5	41.3	41.1	41.2	40.8	40.7	40.6	40.7	40.8	41.3	41.2	41.5	41.4
<i>Overtime hours</i> .....	3.8	3.6	3.5	3.6	3.3	3.2	3.2	3.3	3.3	3.7	3.7	3.8	3.6
Lumber and wood products .....	40.7	39.8	39.5	40.0	39.4	39.3	39.2	39.2	39.7	40.6	40.0	40.2	40.5
Furniture and fixtures .....	39.2	38.6	38.5	38.8	38.5	37.5	38.2	38.9	38.9	39.3	39.2	39.2	39.2
Stone, clay, and glass products .....	42.2	41.2	41.8	42.0	41.0	41.7	41.3	41.3	41.5	42.0	41.9	41.6	42.0
Primary metal industries .....	43.0	42.9	42.7	42.3	42.0	41.5	41.4	41.4	41.6	42.3	42.6	43.0	42.6
Blast furnaces and basic steel products ..	43.7	43.7	43.6	43.2	42.6	41.5	41.8	41.3	41.8	42.6	43.1	43.9	43.0
Fabricated metal products .....	41.6	41.2	40.8	41.1	40.6	40.7	40.6	40.7	40.8	41.2	41.3	41.6	41.6
Industrial machinery and equipment .....	42.1	42.1	41.8	42.1	41.6	41.5	41.5	41.3	41.2	41.8	41.6	42.1	41.9
Electronic and other electrical equipment ..	41.1	40.7	40.7	40.7	40.3	40.5	40.2	40.6	40.6	40.7	40.7	40.8	40.6
Transportation equipment .....	42.8	42.5	41.1	41.5	41.5	41.0	40.8	41.0	41.2	42.1	42.3	42.4	42.2
Motor vehicles and equipment .....	43.1	42.6	41.0	41.5	41.4	40.9	40.5	41.3	41.5	42.9	43.6	43.2	42.5
Instruments and related products .....	41.3	41.0	41.0	41.2	40.8	41.0	40.9	40.8	40.8	41.0	40.6	41.0	41.2
Miscellaneous manufacturing .....	39.9	39.8	39.6	39.3	39.0	39.3	39.3	39.2	39.3	39.7	39.6	40.0	40.2
<b>Nondurable goods</b> .....	40.2	40.0	39.9	40.0	39.9	39.8	39.9	39.7	39.9	40.1	40.1	40.4	40.3
<i>Overtime hours</i> .....	3.6	3.6	3.6	3.6	3.4	3.4	3.4	3.4	3.5	3.7	3.7	3.8	3.7
Food and kindred products .....	41.2	40.6	40.7	40.9	40.7	40.6	40.6	40.3	40.3	40.4	40.4	40.5	40.3
Tobacco products .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Textile mill products .....	39.9	39.8	39.3	39.4	39.4	39.2	39.4	39.6	40.2	40.8	41.0	41.4	41.4
Apparel and other textile products .....	36.6	36.4	36.3	36.6	36.3	36.5	36.6	36.4	36.7	36.9	37.0	37.3	37.4
Paper and allied products .....	43.2	43.5	43.5	43.5	43.0	43.0	43.2	42.9	43.0	43.2	43.5	43.5	43.5
Printing and publishing .....	38.0	37.9	37.8	37.8	37.7	37.6	37.6	37.5	37.5	37.8	37.6	37.9	37.7
Chemicals and allied products .....	42.7	42.6	42.6	42.9	42.6	42.4	42.7	42.4	42.5	42.8	42.6	43.2	43.1
Petroleum and coal products .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Rubber and misc. plastics products .....	41.4	41.1	40.8	41.0	40.8	40.6	40.6	40.7	40.9	41.1	41.1	41.5	41.3
Leather and leather products .....	37.5	37.1	36.8	37.3	36.9	37.2	37.1	37.1	37.2	37.6	37.7	37.2	37.6
<b>Transportation and public utilities</b> .....	39.1	38.5	38.7	39.0	38.7	38.6	38.6	38.4	38.8	38.9	38.4	38.7	38.9
<b>Wholesale trade</b> .....	38.2	37.9	38.0	38.3	37.9	37.9	38.1	37.9	38.2	38.4	37.9	38.2	38.2
<b>Retail trade</b> .....	28.9	28.4	28.7	28.7	28.3	28.6	28.6	28.4	28.7	28.9	28.4	28.6	28.7
<b>Finance, insurance, and real estate</b> .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Services</b> .....	32.8	32.3	32.5	32.8	32.2	32.5	32.4	32.2	32.5	32.7	32.2	32.4	32.6

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

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

components and consequently cannot be separated with sufficient precision.

<sup>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 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 workers<sup>1</sup> on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted**

(1982 = 100)

Industry	1990				1991								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>	Sept. <sup>P</sup>
<b>Total private</b> .....	124.4	122.6	122.9	123.3	121.3	121.5	120.9	120.0	121.2	122.1	120.7	121.5	122.1
<b>Goods-producing</b> .....	109.6	107.7	106.8	106.7	104.4	104.0	102.7	102.5	103.2	103.8	103.8	104.4	104.2
<b>Mining</b> .....	64.9	64.4	65.3	65.3	64.9	65.4	65.0	64.3	64.4	64.2	62.5	62.5	61.0
<b>Construction</b> .....	137.2	130.9	132.9	132.6	125.0	126.9	123.2	122.7	124.4	124.4	123.8	123.6	124.7
<b>Manufacturing</b> .....	106.6	105.6	104.0	103.9	102.7	101.6	100.9	100.7	101.2	102.0	102.3	103.1	102.8
<b>Durable goods</b> .....	105.3	104.2	102.1	102.0	100.4	98.8	97.8	97.9	98.4	99.4	99.6	100.3	99.9
Lumber and wood products .....	129.4	126.3	123.6	123.5	120.5	118.6	117.0	117.4	119.7	122.4	121.3	121.9	122.6
Furniture and fixtures .....	123.2	120.8	118.0	117.4	115.9	111.7	112.6	115.3	115.6	117.1	115.5	116.5	116.8
Stone, clay, and glass products .....	109.2	106.4	106.4	106.2	102.1	102.4	99.9	100.1	100.4	101.6	101.6	101.6	102.4
Primary metal industries .....	93.0	92.6	91.4	90.3	89.0	86.6	85.7	85.4	85.8	86.7	87.8	89.0	87.8
Blast furnaces and basic steel products .....	82.7	83.3	83.1	81.8	79.1	74.7	74.7	74.1	74.7	75.7	76.2	78.0	76.8
Fabricated metal products .....	107.6	106.6	104.4	104.6	103.2	100.8	99.9	100.0	100.4	101.6	102.1	102.9	103.2
Industrial machinery and equipment .....	96.7	96.6	95.2	95.3	93.8	93.0	92.5	91.3	90.5	91.2	90.3	91.5	90.9
Electronic and other electrical equipment .....	105.7	104.7	103.7	103.1	101.5	101.1	99.7	100.7	101.1	101.3	101.4	101.4	100.5
Transportation equipment .....	119.7	118.3	111.8	112.5	111.2	108.0	106.3	107.3	109.5	111.0	113.9	114.8	113.4
Motor vehicles and equipment .....	130.4	128.4	110.3	115.8	114.8	108.7	108.1	113.0	118.6	121.8	128.6	128.3	124.7
Instruments and related products .....	86.5	85.5	85.2	85.4	84.8	84.8	84.8	83.9	83.4	83.3	82.3	82.7	82.6
Miscellaneous manufacturing .....	102.0	101.3	100.2	99.4	98.0	98.0	96.9	96.3	96.2	97.1	98.4	99.0	99.5
<b>Nondurable goods</b> .....	108.4	107.6	106.7	106.7	105.9	105.5	105.2	104.5	105.2	105.8	106.0	107.1	106.7
Food and kindred products .....	111.4	110.4	110.3	111.2	110.8	111.0	111.0	109.6	110.0	110.4	109.0	110.9	109.9
Tobacco products .....	72.2	70.0	70.7	70.9	71.8	70.7	67.2	66.2	69.3	68.8	69.7	71.6	66.4
Textile mill products .....	97.5	95.9	95.0	94.2	93.7	92.3	92.3	93.0	95.2	96.8	98.0	98.7	98.9
Apparel and other textile products .....	93.2	92.3	91.0	91.3	89.9	90.3	90.5	89.8	91.2	92.1	94.2	94.5	94.6
Paper and allied products .....	110.8	111.1	110.5	110.2	109.9	109.9	109.7	108.6	108.8	108.9	109.7	110.5	110.7
Printing and publishing .....	128.0	127.4	126.4	126.0	125.1	124.4	123.5	122.8	122.1	122.7	122.6	123.3	122.6
Chemicals and allied products .....	104.6	104.4	104.1	104.2	103.4	102.8	103.1	102.4	101.6	101.9	100.9	102.7	102.5
Petroleum and coal products .....	87.7	86.0	90.3	85.6	84.5	85.9	86.3	87.0	88.4	86.2	85.4	86.2	85.4
Rubber and misc. plastics products .....	129.2	128.0	125.1	124.8	123.4	121.6	119.7	119.6	121.1	122.1	122.5	124.2	123.8
Leather and leather products .....	61.3	60.0	58.5	58.3	57.4	57.0	55.9	55.3	55.4	56.0	57.3	56.0	56.0
<b>Service-producing</b> .....	131.0	129.3	130.1	130.7	128.9	129.4	129.0	127.9	129.3	130.3	128.2	129.2	130.0
<b>Transportation and public utilities</b> .....	116.0	114.3	115.2	116.1	115.3	114.3	114.1	113.3	114.7	114.8	113.5	114.5	115.2
<b>Wholesale trade</b> .....	116.7	115.7	115.8	115.8	114.7	114.2	114.3	113.4	114.2	114.5	112.9	113.4	113.5
<b>Retail trade</b> .....	124.1	121.7	122.7	122.3	120.3	121.1	120.6	119.3	120.6	121.5	119.3	120.1	120.5
<b>Finance, insurance, and real estate</b> .....	122.3	119.4	120.2	121.6	120.4	120.2	119.9	118.3	119.7	121.3	117.9	118.9	120.6
<b>Services</b> .....	147.3	146.1	146.7	148.1	145.8	146.9	146.5	145.4	147.1	148.5	146.4	147.7	148.9

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

<sup>P</sup> = 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 workers<sup>1</sup> on private nonfarm payrolls, seasonally adjusted**

Industry	1990				1991								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>p</sup>	Sept. <sup>p</sup>
Average hourly earnings													
<b>Total private</b> (in current dollars) .....	\$10.10	\$10.10	\$10.13	\$10.17	\$10.18	\$10.20	\$10.24	\$10.28	\$10.32	\$10.37	\$10.36	\$10.40	\$10.42
<b>Mining</b> .....	13.85	13.83	13.88	13.89	14.04	13.99	14.03	14.05	14.13	14.30	14.24	14.31	14.37
<b>Construction</b> .....	13.86	13.86	13.85	13.87	13.95	13.97	13.97	14.05	14.00	13.98	14.01	14.06	14.02
<b>Manufacturing</b> .....	10.91	10.96	10.96	10.99	11.02	11.03	11.05	11.12	11.15	11.19	11.22	11.26	11.24
<b>Excluding overtime</b> <sup>2</sup> .....	10.44	10.50	10.50	10.54	10.58	10.59	10.61	10.65	10.70	10.71	10.74	10.76	10.75
<b>Transportation and public utilities</b> .....	13.03	13.05	13.07	13.11	13.15	13.13	13.16	13.19	13.24	13.23	13.26	13.28	13.26
<b>Wholesale trade</b> .....	10.92	10.88	10.93	11.00	11.00	11.05	11.07	11.08	11.12	11.23	11.14	11.21	11.23
<b>Retail trade</b> .....	6.81	6.82	6.83	6.84	6.86	6.87	6.90	6.97	6.98	7.01	7.03	7.04	7.05
<b>Finance, insurance, and real estate</b> .....	10.12	10.09	10.12	10.22	10.17	10.22	10.32	10.28	10.35	10.50	10.40	10.46	10.54
<b>Services</b> .....	9.94	9.92	9.98	10.03	10.03	10.07	10.13	10.16	10.24	10.29	10.25	10.29	10.34
<b>Total private</b> (in constant dollars) <sup>3</sup> .....	7.48	7.43	7.43	7.44	7.42	7.43	7.46	7.47	7.47	7.49	7.47	7.49	(*)
Average weekly earnings													
<b>Total private:</b>													
In current dollars .....	349.46	345.42	348.47	351.88	347.14	349.86	350.21	349.52	353.98	358.80	353.28	357.76	359.49
In constant (1982) dollars <sup>3</sup> .....	258.67	254.17	255.66	257.41	253.02	254.81	255.07	253.83	256.32	259.25	254.89	257.75	(*)

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

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

<sup>3</sup> The Consumer Price Index for Urban Wage Earners and Clerical

Workers (CPI-W) is used to deflate these series.

<sup>4</sup> Not available.

<sup>p</sup> = 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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Alabama</b> .....	41.4	40.0	41.3	\$9.39	\$9.78	\$9.74	\$388.75	\$391.20	\$402.26
Birmingham .....	41.1	39.5	41.2	9.67	10.31	10.13	397.44	407.25	417.36
Mobile .....	42.1	41.8	43.1	11.02	11.51	11.61	463.94	481.12	500.39
<b>Alaska</b> .....	54.1	50.0	55.0	11.64	10.59	10.86	629.72	529.50	597.30
<b>Arizona</b> .....	40.3	40.2	40.5	10.28	10.75	10.72	414.28	432.15	434.16
<b>Arkansas</b> .....	41.4	41.0	41.8	8.51	8.90	8.87	352.31	364.90	370.77
Fayetteville-Springdale .....	40.8	38.1	40.1	7.62	8.19	8.31	310.90	312.04	333.23
Fort Smith .....	41.3	41.4	40.2	8.90	9.19	9.05	367.57	380.47	363.81
Little Rock-North Little Rock .....	42.4	41.2	43.0	9.11	9.28	9.17	386.26	382.34	394.31
Pine Bluff .....	44.2	41.6	41.8	10.57	10.52	10.63	467.19	437.63	444.33
<b>California</b> .....	40.8	40.0	40.8	11.50	11.91	11.94	469.20	476.40	487.15
Anaheim-Santa Ana .....	41.4	40.0	40.0	11.59	12.04	12.03	479.83	481.60	481.20
Bakersfield .....	40.2	41.3	40.9	12.32	12.62	12.55	495.26	521.21	513.30
Fresno .....	40.8	39.3	43.9	9.58	10.18	10.12	390.86	400.07	444.27
Los Angeles-Long Beach .....	40.6	40.7	41.1	11.03	11.27	11.38	447.82	458.69	467.72
Modesto .....	42.1	40.8	43.1	10.60	11.22	11.24	446.26	457.78	484.44
Oakland .....	41.1	40.7	41.1	13.61	13.77	13.86	559.37	560.44	569.65
Oxnard-Ventura .....	41.8	43.1	53.5	10.82	11.13	11.48	452.28	479.70	614.18
Riverside-San Bernardino .....	40.0	40.5	41.0	10.47	10.69	10.71	418.80	432.95	439.11
Sacramento .....	41.1	38.8	40.4	12.01	12.48	12.42	493.61	484.22	501.77
Salinas-Seaside-Monterey .....	38.9	40.2	39.4	11.56	11.49	11.60	449.68	461.90	457.04
San Diego .....	40.7	39.4	40.5	11.69	11.89	11.98	475.78	468.47	485.19
San Francisco .....	39.6	40.2	40.4	12.84	12.87	12.86	508.46	517.37	519.54
San Jose .....	40.9	40.6	40.8	13.61	14.31	14.25	556.65	580.99	581.40
Santa Barbara-Santa Maria-Lompoc .....	40.3	41.7	41.4	11.72	12.38	12.53	472.32	516.25	518.74
Santa Rosa-Petaluma .....	39.0	37.9	37.6	11.39	11.91	11.79	444.21	451.39	443.30
Stockton .....	42.1	40.9	42.7	11.05	11.86	11.39	465.21	485.07	486.35
Vallejo-Fairfield-Napa .....	38.5	40.3	41.3	13.31	13.64	13.82	512.44	549.69	570.77
<b>Colorado</b> .....	40.9	38.3	38.3	11.11	11.38	11.35	454.40	435.85	434.71
Denver .....	40.5	40.4	40.2	12.62	12.54	12.44	511.11	506.62	500.09
<b>Connecticut</b> .....	41.5	41.2	41.4	11.51	12.04	12.00	477.67	496.05	496.80
Bridgeport-Milford .....	40.6	41.3	40.8	12.02	12.88	12.65	488.01	531.94	516.12
Hartford .....	41.8	41.6	41.7	12.47	12.69	12.52	521.25	527.90	522.08
New Britain .....	42.3	41.7	40.2	12.35	12.17	12.30	522.41	507.49	494.46
New Haven-Meriden .....	41.2	40.6	40.7	11.13	11.50	11.51	458.56	466.90	468.46
Stamford .....	40.0	41.6	41.1	12.46	11.88	11.75	498.40	494.21	482.93
Waterbury .....	42.2	42.3	42.9	10.39	11.42	11.14	438.46	483.07	477.91
<b>Delaware</b> .....	40.0	39.5	39.7	12.24	12.31	12.03	489.60	486.25	477.59
Wilmington .....	41.0	39.1	38.4	14.99	14.68	14.30	614.59	573.99	549.12
<b>District of Columbia:</b>									
Washington MSA .....	39.1	38.8	38.6	12.57	13.04	13.14	491.49	505.95	507.20
<b>Florida</b> .....	40.4	40.1	40.6	9.03	9.33	9.31	364.81	374.13	377.99
Fort Lauderdale-Hollywood-Pompano Beach .....	40.3	40.5	41.2	9.19	9.42	9.40	370.36	381.51	387.28
Jacksonville .....	41.0	42.6	41.6	9.48	9.91	9.45	388.68	422.17	393.12
Miami-Hialeah .....	38.5	38.5	39.3	7.68	7.71	8.09	295.68	296.84	317.94
Orlando .....	40.5	39.3	39.3	10.22	10.40	10.40	413.91	408.72	408.72
Pensacola .....	43.8	43.6	42.4	11.38	11.75	11.60	498.44	512.30	491.84
Tampa-St. Petersburg-Clearwater .....	40.3	39.8	40.5	9.28	9.62	9.56	373.98	382.88	387.18
West Palm Beach-Boca Raton-Deeray Beach .....	39.0	41.2	40.9	9.68	9.58	9.66	377.52	394.70	395.09
<b>Georgia</b> .....	41.2	40.7	41.5	9.19	9.57	9.54	378.63	389.50	395.91
Atlanta .....	41.5	41.1	41.7	10.72	11.35	11.21	444.88	466.49	467.46
Savannah .....	46.1	47.0	48.9	11.46	11.93	11.48	528.31	560.71	561.37
<b>Hawaii</b> .....	42.0	39.3	40.7	10.88	11.32	11.42	456.96	444.88	464.79
Honolulu .....	40.8	39.4	40.4	11.21	11.74	11.83	457.37	462.56	477.93
<b>Idaho</b> .....	39.8	40.4	40.0	10.41	11.22	11.13	414.32	453.29	445.20

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Illinois</b> .....	41.5	40.7	40.9	\$11.50	\$11.69	\$11.69	\$477.25	\$475.78	\$478.12
Aurora-Elgin .....	40.5	39.9	40.6	11.14	11.45	11.44	451.17	456.86	464.46
Bloomington-Normal .....	46.0	41.0	40.5	13.24	13.82	13.93	609.04	566.62	564.17
Champaign-Urbana-Rantoul .....	40.4	41.3	41.8	9.81	10.10	10.36	396.32	417.13	433.05
Chicago .....	41.4	40.9	41.0	11.15	11.43	11.46	461.61	467.49	469.86
Davenport-Rock Island-Moline .....	41.8	39.8	39.3	13.40	13.74	13.61	560.12	546.85	534.87
Decatur .....	42.8	42.7	42.5	14.87	14.43	14.47	636.44	616.16	614.98
Joliet .....	42.1	40.2	41.3	13.05	13.49	13.50	549.41	542.30	557.55
Kankakee .....	41.9	42.1	42.1	12.08	12.11	12.12	506.15	509.83	510.25
Lake County .....	40.4	40.3	40.6	11.46	11.79	11.82	462.98	475.14	479.89
Peoria .....	41.7	41.5	42.7	13.97	14.65	14.66	582.55	607.98	625.98
Rockford .....	42.0	40.1	40.7	12.50	12.93	12.41	525.00	518.49	505.09
Springfield .....	39.1	38.7	37.8	10.44	11.06	11.19	408.20	428.02	422.98
<b>Indiana</b> .....	41.2	41.0	41.6	12.01	12.44	12.33	494.81	510.04	512.93
Anderson .....	38.3	41.5	42.1	15.50	16.31	16.77	593.65	676.87	706.02
Bloomington .....	39.6	38.8	38.8	10.80	11.51	11.51	427.68	446.59	446.59
Elkhart-Goshen .....	39.0	38.3	39.9	10.03	10.22	10.20	391.17	391.43	406.98
Evansville .....	41.4	43.2	42.7	12.11	12.65	12.77	501.35	546.48	545.28
Fort Wayne .....	41.2	40.9	40.7	11.97	12.90	12.78	493.16	527.61	520.15
Gary-Hammond .....	42.3	42.7	41.7	16.41	16.65	16.80	694.14	710.96	700.56
Indianapolis .....	41.8	40.5	41.6	12.48	13.17	12.98	521.66	533.39	539.97
Kokomo .....	40.7	39.5	39.7	17.03	17.33	16.83	693.12	684.54	668.15
Lafayette-West Lafayette .....	43.4	41.9	43.2	12.27	12.93	12.89	532.52	541.77	556.85
Muncie .....	44.3	45.6	44.2	12.85	13.64	13.41	569.26	621.98	592.72
South Bend-Mishawaka .....	40.7	40.1	40.2	11.24	11.41	11.32	457.47	457.54	455.06
Terre Haute .....	41.7	40.3	41.5	9.90	11.06	10.89	412.83	445.72	451.94
<b>Iowa</b> .....	40.2	40.5	40.2	11.23	11.60	11.44	451.45	469.80	459.89
Cedar Rapids .....	39.0	39.0	39.8	14.10	14.33	14.83	549.90	558.87	590.23
Des Moines .....	40.1	42.6	42.7	12.28	12.57	12.52	492.43	535.48	534.60
Dubuque .....	40.9	40.5	39.0	11.15	12.22	10.47	456.04	494.91	408.33
Sioux City .....	41.7	37.5	39.6	8.96	9.60	9.61	373.63	360.00	380.56
<b>Kansas</b> .....	40.4	39.8	40.4	10.89	11.20	11.23	439.96	445.76	453.69
Topeka .....	36.9	39.0	39.6	12.14	12.47	12.59	447.97	486.33	498.56
Wichita .....	40.9	39.3	39.4	12.27	12.76	12.79	501.84	501.47	503.93
<b>Kentucky</b> .....	39.0	40.1	40.5	10.62	11.12	11.18	414.18	445.91	452.79
Lexington-Fayette .....	41.0	41.6	42.0	11.38	12.17	12.05	466.58	506.27	506.10
Louisville .....	37.2	41.0	41.2	12.01	12.58	12.89	446.77	515.78	531.07
<b>Louisiana</b> .....	42.5	42.0	42.8	11.48	11.92	11.82	487.90	500.64	505.90
Baton Rouge .....	44.2	43.8	43.7	13.77	13.89	13.38	608.63	608.38	584.71
New Orleans .....	42.0	40.5	41.1	11.13	11.37	11.31	467.46	460.49	464.84
Shreveport .....	41.4	41.6	41.9	11.36	12.99	12.89	470.30	540.38	540.09
<b>Maine</b> .....	39.9	38.9	40.1	10.43	11.33	10.94	416.16	440.74	438.69
Lewiston-Auburn .....	39.5	39.7	40.4	9.30	9.39	9.06	367.35	372.78	366.02
Portland .....	37.0	36.4	38.0	10.72	10.33	10.41	396.64	376.01	395.58
<b>Maryland</b> .....	40.9	40.8	40.8	11.57	11.69	11.98	473.21	476.95	488.78
Baltimore MSA .....	40.9	41.4	41.3	12.08	12.14	12.55	494.07	502.60	518.32
<b>Massachusetts</b> .....	40.6	40.6	40.8	11.40	11.75	11.74	462.84	477.05	478.99
Boston .....	40.4	40.0	39.7	12.02	12.45	12.44	485.61	498.00	493.87
Springfield .....	41.4	40.2	40.8	10.85	11.33	11.41	449.19	455.47	465.53
Worcester .....	41.2	42.2	42.5	11.08	10.80	11.11	456.50	455.76	472.18
<b>Michigan</b> .....	42.3	41.3	41.8	13.82	14.71	14.50	584.59	607.52	606.10
Ann Arbor .....	44.3	41.1	42.6	15.96	16.63	16.29	707.03	683.49	693.95
Battle Creek .....	41.6	42.5	42.9	14.89	15.25	15.06	619.42	648.13	646.07
Detroit .....	43.6	41.9	42.3	15.03	15.80	15.67	655.31	662.02	662.84
Flint .....	39.6	41.7	40.8	17.44	18.95	18.73	690.62	790.21	764.18
Grand Rapids .....	41.0	39.3	39.2	11.59	12.35	12.43	475.19	485.35	487.26
Jackson .....	42.1	39.9	40.1	10.81	10.65	10.82	455.10	424.93	433.88
Kalamazoo .....	41.7	41.7	42.5	13.55	14.73	14.69	565.03	614.24	624.32
Lansing-East Lansing .....	41.1	42.3	42.3	15.48	16.56	17.34	636.23	700.49	733.48
Muskegon .....	40.4	38.6	39.3	12.60	12.27	12.12	509.04	473.62	476.32
Saginaw-Bay City-Midland .....	42.9	41.9	41.9	15.96	16.74	16.62	684.68	701.41	696.38

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Minnesota</b> .....	40.7	40.1	40.8	\$11.16	\$11.56	\$11.49	\$454.21	\$463.56	\$468.79
Duluth .....	41.6	40.6	40.7	11.21	11.59	11.68	466.34	470.55	475.38
Minneapolis-St. Paul .....	40.4	40.0	40.5	11.87	12.27	12.27	479.55	490.80	496.94
St. Cloud .....	40.2	40.7	41.3	10.11	10.10	10.30	406.42	411.07	425.39
<b>Mississippi</b> .....	39.8	39.4	40.0	8.37	8.59	8.67	333.13	338.45	346.80
Jackson .....	39.4	39.3	40.8	9.25	9.30	9.16	364.45	365.49	373.73
<b>Missouri</b> .....	41.0	39.9	41.0	10.68	10.98	10.92	437.88	438.10	447.72
Kansas City .....	40.8	40.7	41.3	11.55	12.43	12.54	471.24	505.90	517.90
St. Louis .....	41.8	41.5	41.9	12.85	13.01	13.02	537.13	539.92	545.54
Springfield .....	41.0	39.8	42.1	9.24	9.89	9.74	378.84	393.62	410.05
<b>Montana</b> .....	39.4	38.2	39.6	11.49	11.66	11.72	452.71	445.41	464.11
<b>Nebraska</b> .....	41.1	40.3	41.5	9.72	9.83	9.77	399.49	396.15	405.46
Lincoln .....	40.1	39.2	40.8	11.09	11.05	10.98	444.71	433.16	447.98
Omaha .....	41.0	40.3	41.2	10.32	10.48	10.37	423.12	422.34	427.24
<b>Nevada</b> .....	40.2	39.9	40.8	11.33	11.13	11.07	455.47	444.09	451.66
Las Vegas .....	41.2	38.9	40.3	13.47	12.88	12.77	554.96	501.03	514.63
<b>New Hampshire</b> .....	40.1	40.3	41.0	10.73	10.85	10.79	430.27	437.26	442.39
Manchester .....	40.9	41.6	40.5	10.69	10.79	10.78	437.22	448.86	436.59
Nashua .....	39.9	40.4	40.0	13.56	13.00	13.06	541.04	525.20	522.40
Portsmouth-Dover-Rochester .....	41.4	40.6	42.3	9.91	10.90	10.69	410.27	442.54	452.19
<b>New Jersey</b> .....	41.3	40.8	41.2	11.74	12.30	12.26	484.86	501.84	505.11
<b>New Mexico</b> .....	40.0	38.4	40.1	9.03	9.48	9.17	361.20	364.03	367.72
Albuquerque .....	39.7	39.7	40.8	9.10	9.78	9.71	361.27	388.27	396.17
<b>New York</b> .....	39.5	39.5	39.7	11.11	11.48	11.43	438.85	453.46	453.77
Albany-Schenectady-Troy .....	40.4	41.1	41.0	11.94	12.14	12.36	482.38	498.95	506.76
Binghamton .....	39.5	39.1	39.8	9.91	9.78	9.63	391.45	382.40	383.27
Buffalo .....	41.7	42.3	42.7	13.18	13.62	13.62	549.61	576.13	581.57
Elmira .....	39.5	40.2	40.6	9.98	10.47	10.66	394.21	420.89	432.80
Nassau-Suffolk .....	39.2	38.2	38.6	11.84	12.01	12.02	464.13	458.78	463.97
New York PMSA .....	37.3	37.4	37.5	10.25	10.45	10.48	382.33	390.83	393.00
New York City .....	37.1	37.2	37.3	10.18	10.23	10.24	377.68	380.56	381.95
Niagara Falls .....	39.9	39.2	39.4	14.19	14.74	14.49	566.18	577.81	570.91
Orange County .....	39.3	40.2	40.0	9.44	9.87	10.05	370.99	396.77	402.00
Poughkeepsie .....	40.3	40.1	40.2	10.77	11.19	11.16	434.03	448.72	448.63
Rochester .....	41.8	41.5	41.4	12.60	13.45	13.39	526.68	558.18	554.35
Rockland County .....	39.7	38.7	38.7	9.33	10.59	10.76	370.40	409.83	416.41
Syracuse .....	40.3	40.2	40.6	12.50	12.64	12.60	503.75	508.13	511.56
Utica-Rome .....	40.4	39.5	40.2	10.36	10.64	10.59	418.54	420.28	425.72
Westchester County .....	38.1	38.6	39.0	11.28	12.26	12.30	429.77	473.24	479.70
<b>North Carolina</b> .....	40.1	39.8	40.5	8.81	9.18	9.23	353.28	365.36	373.82
Asheville .....	41.3	40.7	41.3	8.84	9.06	9.09	365.09	368.74	375.42
Charlotte-Gastonia-Rock Hill .....	40.1	39.2	40.0	9.45	9.75	9.89	378.95	382.20	395.60
Greensboro-Winston-Salem-High Point .....	39.0	38.6	39.5	9.40	9.93	10.01	366.60	383.30	395.40
Raleigh-Durham .....	41.9	41.7	42.8	10.05	10.52	10.61	421.10	438.68	454.11
<b>North Dakota</b> .....	39.5	39.5	40.1	8.94	9.30	9.25	353.13	367.35	370.93
Fargo-Moorhead .....	38.9	38.0	37.0	8.88	8.92	9.38	345.43	338.96	347.06
<b>Ohio</b> .....	42.4	42.2	42.3	12.66	13.15	13.12	536.78	554.93	554.98
Akron .....	43.5	42.5	42.5	12.17	12.17	12.11	529.40	517.23	514.68
Canton .....	42.5	41.0	41.9	11.39	11.20	11.35	484.08	459.20	475.57
Cincinnati .....	43.5	43.1	43.1	12.18	12.77	12.75	529.83	550.39	549.53
Cleveland .....	42.7	42.2	42.4	12.14	12.59	12.63	518.98	531.30	535.51
Columbus .....	41.7	42.5	42.7	12.36	13.01	13.00	515.41	552.93	555.10
Dayton-Springfield .....	41.8	42.2	42.7	13.33	13.98	14.09	557.19	589.96	601.64
Toledo .....	43.1	42.3	43.2	13.57	13.66	13.68	584.87	577.82	590.98
Youngstown-Warren .....	41.7	40.4	41.5	14.52	15.14	15.25	605.48	611.66	632.88

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>1</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>1</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>1</sup>
<b>Oklahoma</b> .....	40.7	39.8	41.1	\$10.55	\$11.07	\$11.14	\$429.39	\$440.59	\$457.85
Oklahoma City .....	41.8	41.1	41.7	11.19	12.36	12.06	467.74	508.00	502.90
Tulsa .....	41.5	40.6	42.1	11.38	11.58	11.86	472.27	470.15	499.31
<b>Oregon</b> .....	39.5	38.6	39.5	11.02	11.60	11.34	435.29	447.76	447.93
Eugene-Springfield .....	37.7	36.9	39.6	10.81	11.45	11.19	407.54	422.50	443.12
Medford .....	39.1	38.4	40.0	11.05	11.41	11.20	432.06	438.14	448.00
Portland .....	39.9	39.9	39.8	11.47	11.76	11.85	457.65	469.22	471.63
Salem .....	39.8	38.1	38.2	8.65	9.78	9.05	344.27	372.62	345.71
<b>Pennsylvania</b> .....	40.7	40.3	40.8	11.04	11.50	11.45	449.33	463.45	467.16
Allentown-Bethlehem .....	39.9	40.2	40.7	11.03	11.57	11.53	440.10	465.11	469.27
Altoona .....	38.9	39.7	39.1	9.63	9.48	9.39	374.61	376.36	367.15
Beaver County .....	43.0	44.3	44.5	11.05	11.35	11.28	475.15	502.81	501.96
Erie .....	42.6	42.1	42.5	11.73	12.13	12.08	499.70	510.67	513.40
Harrisburg-Lebanon-Carlisle .....	40.6	37.9	40.0	11.16	11.45	11.72	453.10	433.96	468.80
Johnstown .....	39.2	38.5	39.1	8.74	8.96	8.91	342.61	344.96	348.38
Lancaster .....	40.0	39.5	39.9	11.09	11.39	11.40	443.60	449.91	454.86
Philadelphia PMSA .....	39.8	40.0	40.0	11.96	12.53	12.42	476.01	501.20	496.80
Pittsburgh .....	41.8	41.0	41.2	11.44	11.78	11.81	478.19	482.98	486.57
Reading .....	41.0	40.6	41.2	11.47	12.03	12.01	470.27	488.42	494.81
Scranton-Wilkes-Barre .....	39.7	39.1	39.5	9.73	10.08	10.11	386.28	394.13	399.35
Sharon .....	43.1	41.1	42.0	11.99	12.43	12.27	516.77	510.87	515.34
State College .....	40.7	37.6	38.9	9.94	10.24	10.28	404.56	385.02	399.89
Williamsport .....	40.5	39.8	41.2	9.30	10.73	10.66	376.65	427.05	439.19
York .....	41.4	41.3	41.9	10.73	11.27	11.28	444.22	465.45	472.63
<b>Rhode Island</b> .....	39.2	39.3	39.9	9.48	9.73	9.62	371.62	382.39	383.84
Pawtucket-Woonsocket-Attleboro .....	39.4	39.5	39.7	9.02	9.17	9.09	355.39	362.22	360.87
Providence .....	38.4	38.7	39.6	9.13	10.03	10.05	350.59	388.16	397.98
<b>South Carolina</b> .....	40.9	40.8	41.1	8.94	9.14	9.17	365.65	372.91	376.89
Charleston .....	41.2	40.4	40.5	9.18	9.46	9.47	378.22	382.18	383.54
Columbia .....	41.9	41.3	41.5	9.18	9.46	9.47	384.64	390.70	393.00
Greenville-Spartanburg .....	41.1	40.8	41.0	8.86	9.17	9.23	364.15	374.14	378.43
<b>South Dakota</b> .....	40.3	40.7	41.3	8.44	8.65	8.71	340.13	352.06	359.72
Rapid City .....	40.7	39.4	39.0	9.18	9.77	9.82	373.63	384.94	382.98
Sioux Falls .....	38.7	40.6	41.1	8.77	8.92	9.11	339.40	362.15	374.42
<b>Tennessee</b> .....	39.0	39.1	39.6	9.58	10.04	10.00	373.62	392.56	396.00
Chattanooga .....	41.3	41.6	41.6	8.72	10.39	10.15	360.14	432.22	422.24
Johnson City-Kingsport-Bristol .....	39.9	39.4	40.6	9.83	10.99	10.66	392.22	433.01	432.80
Knoxville .....	38.5	40.2	40.7	9.29	9.97	9.90	357.67	400.79	402.93
Memphis .....	40.0	41.2	41.0	9.59	10.43	10.33	383.60	429.72	423.53
Nashville .....	39.8	41.0	41.8	11.26	11.30	11.29	448.15	463.30	471.92
<b>Texas</b> .....	42.0	41.6	42.3	10.48	10.85	10.83	440.16	451.36	458.11
Dallas .....	42.1	40.8	41.9	10.29	10.66	10.66	433.21	434.93	446.65
Ft. Worth-Arlington .....	41.2	41.5	42.3	11.46	11.62	11.79	472.15	482.23	498.72
Houston .....	44.3	44.3	44.5	12.08	12.59	12.49	535.14	557.74	555.81
San Antonio .....	40.8	40.2	40.3	7.78	8.26	8.26	317.42	332.05	332.88
<b>Utah</b> .....	39.9	39.2	39.9	10.37	10.71	10.79	413.76	419.44	430.52
Salt Lake City-Ogden .....	39.9	39.5	40.1	10.44	10.89	10.93	416.56	430.16	438.29
<b>Vermont</b> .....	41.5	39.8	40.6	10.44	11.22	11.18	433.26	446.56	453.91
Burlington .....	40.0	40.0	40.4	11.00	11.45	11.40	440.00	458.00	460.56
<b>Virginia</b> .....	40.2	40.7	40.9	10.11	10.45	10.44	406.42	425.32	427.00
Bristol .....	36.4	42.1	41.5	8.51	8.90	8.72	309.76	374.69	361.88
Charlottesville .....	41.2	39.3	40.3	8.93	9.15	9.17	367.92	359.60	369.55
Danville .....	40.0	42.9	42.5	8.97	10.18	9.89	358.80	436.72	420.33
Lynchburg .....	42.1	40.9	41.7	10.08	9.97	10.10	424.37	407.77	421.17
Northern Virginia .....	40.1	39.6	40.5	11.25	11.75	11.97	451.13	465.30	484.79
Richmond-Petersburg .....	42.8	41.7	42.9	13.22	13.70	13.62	565.82	571.29	584.30
Roanoke .....	41.0	40.3	42.0	11.67	12.08	12.30	478.47	486.82	516.60
<b>Washington</b> .....	39.8	39.0	39.6	12.63	13.52	13.34	502.67	527.28	528.26

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>1</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>1</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>1</sup>
<b>West Virginia</b> .....	40.6	40.1	40.5	\$11.49	\$11.95	\$11.67	\$466.49	\$479.20	\$472.64
Charleston .....	43.5	42.3	42.8	12.94	14.23	12.93	562.89	601.93	553.40
Huntington-Ashland .....	41.1	40.2	39.7	13.51	13.87	13.53	555.26	557.57	537.14
Parkersburg-Marietta .....	41.1	41.0	40.6	13.21	14.15	13.85	542.93	580.15	562.31
Wheeling .....	41.6	41.5	40.4	13.58	15.13	14.29	564.93	627.90	577.32
<b>Wisconsin</b> .....	41.6	41.0	41.2	10.94	11.34	11.34	455.10	464.94	467.21
Appleton-Oshkosh .....	42.8	42.5	43.2	11.94	12.05	11.96	511.03	512.13	516.67
Eau Claire .....	43.8	45.8	44.9	11.79	12.06	12.22	516.40	552.35	548.68
Green Bay .....	42.8	43.2	42.9	11.66	12.52	12.12	499.05	540.86	519.95
Janesville-Beloit .....	39.1	40.9	41.3	13.38	13.82	14.34	523.16	565.24	592.24
Kenosha .....	41.5	40.6	41.4	11.97	12.01	11.90	496.76	487.61	492.66
La Crosse .....	40.9	41.9	41.3	9.84	10.69	10.06	402.46	447.91	415.48
Madison .....	41.5	42.4	43.6	10.41	10.57	10.67	432.02	448.17	465.21
Milwaukee .....	40.8	40.8	41.2	11.92	12.36	12.42	486.34	504.29	511.70
Racine .....	39.9	39.0	39.1	11.54	11.65	11.97	460.45	454.35	468.03
Sheboygan .....	43.1	41.1	41.0	10.60	11.30	11.27	456.86	464.43	462.07
Wausau .....	42.8	43.4	42.6	11.05	11.08	11.01	472.94	480.87	469.03
<b>Wyoming</b> .....	40.3	38.6	39.5	11.08	11.04	11.00	446.52	426.14	434.50
<b>Puerto Rico</b> .....	39.2	39.0	39.4	6.14	6.35	6.39	240.68	247.65	251.77
<b>Virgin Islands</b> .....	42.4	41.6	41.4	12.03	12.67	12.46	510.07	527.07	515.84

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

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

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

**PRODUCTIVITY DATA  
SEASONALLY ADJUSTED**

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

Industry	Millions of hours (annual rate) <sup>1</sup>			Percent change		
	July 1991 <sup>1</sup>	Aug. 1991 <sup>1</sup>	Sept. 1991 <sup>1</sup>	Sept. 1990 to Sept. 1991 <sup>1</sup>	July 1991 to Aug. 1991 <sup>1</sup>	Aug. 1991 to Sept. 1991 <sup>1</sup>
Total .....	199,734	200,634	201,644	-1.5	0.5	0.5
Private sector .....	162,919	164,025	164,781	-1.8	.7	.5
Mining .....	1,600	1,607	1,572	-4.9	.4	-2.2
Construction .....	9,266	9,270	9,385	-7.9	.0	1.2
Manufacturing .....	38,982	39,248	39,136	-3.3	.7	-.3
Durable goods .....	22,539	22,661	22,592	-4.8	.5	-.3
Nondurable goods .....	16,442	16,587	16,543	-1.3	.9	-.3
Transportation and public utilities .....	11,599	11,708	11,771	-1.1	.9	.5
Wholesale trade .....	11,951	12,016	12,012	-2.5	.5	.0
Retail trade .....	28,572	28,767	28,888	-2.4	.7	.4
Finance, insurance, and real estate .....	12,381	12,410	12,582	-.7	.2	1.4
Services .....	48,568	48,999	49,436	.9	.9	.9
Government .....	36,815	36,609	36,863	-.1	-.6	.7

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

<sup>1</sup> = preliminary.

<sup>1</sup> = revised.

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

nonsupervisory workers, and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods*, BLS Bulletin 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	
			IV	I	II	III	IV	I	II	III	IV	I	II
<b>Business sector</b>													
Output per hour of all persons .....	112.8	112.4	113.1	113.0	113.1	112.8	112.2	112.0	112.4	112.7	112.3	112.3	112.4
Output .....	135.8	136.1	134.5	135.6	135.9	136.1	135.5	136.0	136.4	136.5	135.4	133.7	133.8
Hours .....	120.4	121.1	118.8	120.0	120.1	120.7	120.7	121.3	121.3	121.2	120.5	119.1	119.1
Compensation per hour .....	133.0	138.4	130.8	131.8	132.8	133.4	134.2	135.7	137.7	139.4	140.6	142.0	143.5
Real compensation per hour .....	103.5	102.2	104.8	104.4	103.6	103.2	102.9	102.2	102.7	102.3	101.4	101.5	102.1
Unit labor costs .....	118.0	123.1	115.6	116.6	117.3	118.3	119.6	121.1	122.5	123.7	125.2	126.4	127.7
Unit nonlabor payments .....	133.1	136.6	130.2	130.9	133.4	133.8	134.4	135.5	137.0	137.5	136.5	138.4	140.1
Implicit price deflator .....	122.8	127.5	120.3	121.2	122.5	123.3	124.3	125.8	127.2	128.2	128.8	130.3	131.7
<b>Nonfarm business sector</b>													
Output per hour of all persons .....	111.9	111.2	112.9	112.1	112.1	111.9	111.3	111.0	111.3	111.5	111.2	111.2	111.4
Output .....	136.7	136.9	136.0	136.4	136.8	137.1	136.3	136.8	137.2	137.4	136.1	134.5	134.6
Hours .....	122.2	123.1	120.5	121.7	122.1	122.5	122.5	123.3	123.3	123.2	122.4	120.9	120.8
Compensation per hour .....	132.1	137.2	130.0	131.0	131.7	132.4	133.3	134.6	136.6	138.2	139.5	140.9	142.5
Real compensation per hour .....	102.8	101.3	104.2	103.7	102.7	102.5	102.2	101.3	101.8	101.4	100.6	100.8	101.4
Unit labor costs .....	118.1	123.4	115.2	116.9	117.5	118.3	119.8	121.3	122.7	124.0	125.4	126.7	128.0
Unit nonlabor payments .....	133.8	137.1	132.1	131.1	134.0	134.7	135.3	135.7	137.4	138.0	137.5	139.3	140.6
Implicit price deflator .....	123.0	127.7	120.5	121.4	122.7	123.5	124.7	125.8	127.3	128.4	129.2	130.7	132.0
<b>Manufacturing</b>													
Output per hour of all persons .....	133.3	136.6	133.3	133.1	133.8	133.1	133.4	134.7	136.0	138.0	137.2	136.6	137.8
Output .....	146.4	147.0	147.1	147.1	147.1	146.0	145.3	145.9	147.5	148.8	145.7	141.6	142.2
Hours .....	109.8	107.6	110.3	110.5	110.0	109.8	108.9	108.4	108.5	107.8	106.2	103.6	103.2
Compensation per hour .....	127.7	131.8	125.0	126.6	127.1	128.4	128.9	129.3	131.0	132.5	133.8	134.6	136.6
Real compensation per hour .....	99.3	97.3	100.2	100.2	99.1	99.4	98.8	97.3	97.7	97.2	96.5	96.3	97.1
Unit labor costs .....	95.8	96.5	93.8	95.1	95.0	96.5	96.6	96.0	96.3	96.1	97.5	98.6	99.1
<b>Durable goods</b>													
Output per hour of all persons .....	145.6	150.6	144.3	144.3	146.3	146.2	145.7	147.3	149.9	153.0	151.4	150.8	151.9
Output .....	161.0	161.4	161.7	161.7	162.2	161.0	159.1	159.7	162.6	164.3	159.1	153.5	154.2
Hours .....	110.6	107.2	112.0	112.1	110.9	110.2	109.2	108.5	108.4	107.4	105.1	101.8	101.5
Compensation per hour .....	126.5	130.7	123.4	125.2	125.7	127.4	127.8	128.1	129.8	131.5	132.8	133.8	135.7
Real compensation per hour .....	98.5	96.5	98.9	99.1	98.1	98.6	98.0	96.5	96.8	96.5	95.7	95.6	96.5
Unit labor costs .....	86.9	86.8	85.5	86.8	86.0	87.2	87.7	87.0	86.5	86.0	87.7	88.7	89.3
<b>Nondurable goods</b>													
Output per hour of all persons .....	116.7	118.1	118.3	117.9	116.9	115.5	116.9	117.9	117.4	118.1	118.7	118.2	119.5
Output .....	126.9	127.7	127.6	127.6	127.1	126.1	126.9	127.6	127.4	128.0	127.8	125.7	126.3
Hours .....	108.7	108.1	107.9	108.2	108.7	109.2	108.5	108.2	108.5	108.4	107.7	106.3	105.7
Compensation per hour .....	129.4	133.8	127.4	128.4	129.0	129.8	130.6	131.3	133.1	134.4	135.8	136.8	138.6
Real compensation per hour .....	100.7	98.8	102.1	101.7	100.7	100.5	100.1	98.8	99.2	98.6	97.9	97.8	98.6
Unit labor costs .....	110.8	113.2	107.7	108.9	110.4	112.4	111.7	111.3	113.4	113.8	114.4	115.7	116.0
<b>Nonfinancial corporations</b>													
Output per all-employee hour .....	115.1	114.6	115.5	114.6	114.9	115.6	114.5	114.0	114.8	114.6	114.6	114.3	114.6
Output .....	140.4	140.6	139.3	139.5	140.3	141.5	140.4	140.5	141.4	141.1	139.6	137.3	137.4
Hours .....	122.1	122.8	120.6	121.7	122.1	122.4	122.6	123.2	123.2	123.1	121.8	120.1	119.9
Compensation per hour .....	129.5	134.2	126.9	128.2	128.9	129.7	130.3	131.2	133.7	135.2	136.4	137.7	139.2
Real compensation per hour .....	100.7	99.1	101.7	101.5	100.6	100.4	99.9	98.8	99.7	99.2	98.4	98.4	99.0
Total unit costs .....	111.4	116.3	108.5	110.1	110.9	111.5	113.2	114.3	115.4	117.1	118.6	120.5	121.4
Unit labor costs .....	112.5	117.1	109.9	111.9	112.2	112.1	113.9	115.1	116.5	118.0	119.0	120.4	121.5
Unit nonlabor costs .....	108.6	114.3	105.0	105.4	107.5	109.8	111.5	112.4	112.6	114.8	117.3	120.8	121.1
Unit profits .....	153.4	139.5	175.2	158.4	158.4	154.4	142.5	142.9	149.1	138.6	127.5	125.3	130.0
Implicit price deflator .....	114.0	117.8	112.7	113.1	113.9	114.2	115.0	116.1	117.5	118.5	119.1	120.8	121.9

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					
	I 1990	II 1990	III 1990	IV 1990	I 1991	II 1991	I 1990	II 1990	III 1990	IV 1990	I 1991	II 1991
<b>Business sector</b>												
Output per hour of all persons .....	-0.7	1.4	0.9	-1.2	0.0	0.3	-0.9	-0.6	-0.1	0.1	0.2	0.0
Output .....	1.4	1.2	.5	-3.4	-4.7	.2	.3	.3	.3	-1	-1.6	-1.9
Hours .....	2.1	-2	-4	-2.1	-4.7	-1	1.1	1.0	.4	-2	-1.9	-1.8
Compensation per hour .....	4.6	6.1	5.0	3.3	4.0	4.5	3.0	3.7	4.5	4.8	4.6	4.2
Real compensation per hour .....	-2.6	2.1	-1.7	-3.4	.5	2.4	-2.1	-8	-9	-1.4	-7	-6
Unit labor costs .....	5.3	4.7	4.1	4.6	4.1	4.2	3.8	4.4	4.6	4.7	4.4	4.2
Unit nonlabor payments .....	3.3	4.5	1.7	-3.0	5.7	5.0	3.5	2.7	2.8	1.6	2.2	2.3
Implicit price deflator .....	4.6	4.6	3.2	2.0	4.6	4.5	3.7	3.8	4.0	3.6	3.6	3.6
<b>Nonfarm business sector</b>												
Output per hour of all persons .....	-1.1	1.2	.6	-8	.0	.5	-1.0	-7	-4	-1	.2	.1
Output .....	1.4	1.2	.4	-3.6	-4.8	.4	.3	.3	.2	-1	-1.7	-1.9
Hours .....	2.6	.0	-1	-2.8	-4.9	-1	1.3	1.0	.6	-1	-2.0	-2.0
Compensation per hour .....	4.0	5.9	5.0	3.7	4.2	4.6	2.8	3.7	4.4	4.6	4.7	4.4
Real compensation per hour .....	-3.2	2.0	-1.8	-3.0	.7	2.4	-2.3	-9	-1.1	-1.5	-6	-4
Unit labor costs .....	5.2	4.7	4.4	4.6	4.2	4.0	3.8	4.4	4.8	4.7	4.5	4.3
Unit nonlabor payments .....	1.2	5.1	1.9	-1.5	5.2	4.0	3.5	2.5	2.5	1.7	2.6	2.4
Implicit price deflator .....	3.8	4.8	3.6	2.5	4.5	4.0	3.7	3.8	4.0	3.7	3.8	3.6
<b>Manufacturing</b>												
Output per hour of all persons .....	3.9	3.8	6.1	-2.2	-1.8	3.6	1.2	1.6	3.7	2.9	1.4	1.4
Output .....	1.8	4.3	3.5	-8.1	-10.8	1.9	-8	.2	1.9	.3	-3.0	-3.6
Hours .....	-2.0	.5	-2.4	-6.0	-9.1	-1.7	-1.9	-1.4	-1.8	-2.5	-4.3	-4.8
Compensation per hour .....	1.3	5.3	4.8	3.7	2.6	5.9	2.2	3.1	3.3	3.8	4.1	4.3
Real compensation per hour .....	-5.7	1.4	-1.9	-3.0	-9	3.7	-2.9	-1.4	-2.2	-2.3	-1.1	-6
Unit labor costs .....	-2.5	1.5	-1.1	6.0	4.5	2.2	1.0	1.4	-4	.9	2.7	2.9
<b>Durable goods</b>												
Output per hour of all persons .....	4.3	7.4	8.4	-4.1	-1.6	3.1	2.1	2.5	4.7	3.9	2.4	1.3
Output .....	1.6	7.3	4.3	-12.1	-13.3	1.9	-1.2	.3	2.0	.0	-3.9	-5.1
Hours .....	-2.6	-1	-3.8	-8.3	-11.9	-1.2	-3.2	-2.2	-2.5	-3.8	-6.1	-6.4
Compensation per hour .....	.9	5.3	5.6	3.8	2.8	6.0	2.3	3.2	3.2	3.9	4.4	4.5
Real compensation per hour .....	-6.0	1.3	-1.2	-3.0	-7	3.9	-2.7	-1.4	-2.2	-2.3	-9	-3
Unit labor costs .....	-3.3	-2.0	-2.6	8.2	4.5	2.9	.2	.7	-1.4	.0	1.9	3.2
<b>Nondurable goods</b>												
Output per hour of all persons .....	3.4	-1.8	2.6	1.9	-1.4	4.3	.0	.4	2.3	1.5	.3	1.8
Output .....	2.3	-6	2.1	-9	-6.4	1.9	.0	.2	1.6	.7	-1.5	-9
Hours .....	-1.1	1.3	-4	-2.7	-5.1	-2.3	.0	-2	-7	-7	-1.8	-2.6
Compensation per hour .....	2.1	5.6	4.0	4.2	3.0	5.5	2.2	3.1	3.5	4.0	4.2	4.2
Real compensation per hour .....	-4.9	1.6	-2.7	-2.5	-5	3.3	-2.8	-1.4	-1.9	-2.2	-1.0	-6
Unit labor costs .....	-1.2	7.6	1.4	2.3	4.4	1.1	2.2	2.7	1.2	2.5	3.9	2.3
<b>Nonfinancial corporations</b>												
Output per all-employee hour .....	-1.5	2.6	-7	.2	-1.1	1.0	-5	-1	-9	.1	.2	-2
Output .....	.3	2.5	-8	-4.1	-6.5	.3	.7	.8	-3	-6	-2.3	-2.8
Hours .....	1.8	.0	-1	-4.3	-5.5	-7	1.2	.9	.6	-7	-2.5	-2.7
Compensation per hour .....	2.8	7.6	4.8	3.6	3.8	4.5	2.3	3.7	4.3	4.7	4.9	4.2
Real compensation per hour .....	-4.3	3.6	-2.0	-3.1	.2	2.4	-2.7	-9	-1.2	-1.5	-4	-6
Total unit costs .....	4.0	3.7	6.3	5.0	6.9	2.8	3.9	4.0	5.1	4.7	5.4	5.2
Unit labor costs .....	4.3	4.9	5.5	3.4	4.9	3.5	2.9	3.8	5.3	4.5	4.7	4.3
Unit nonlabor costs .....	3.3	.5	8.3	9.1	12.2	1.2	6.6	4.7	4.6	5.2	7.4	7.6
Unit profits .....	1.1	18.6	-25.3	-28.4	-6.8	15.9	-9.8	-5.9	-10.2	-10.5	-12.3	-12.8
Implicit price deflator .....	3.8	4.8	3.4	2.2	5.9	3.7	2.7	3.2	3.8	3.5	4.1	3.8

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Alabama</b> .....	1,884.8	1,904.6	1,891.9	141.2	140.2	140.2	7.5	7.4	7.4
Birmingham .....	437.3	440.4	439.5	26.6	25.5	26.6	6.1	5.8	6.1
Huntsville .....	133.0	132.7	132.5	6.6	6.9	7.1	4.9	5.2	5.4
Mobile .....	211.6	215.5	211.9	16.5	15.9	16.4	7.8	7.4	7.8
Montgomery .....	136.8	137.4	135.9	9.7	8.5	9.0	7.1	6.2	6.6
Tuscaloosa .....	72.1	72.5	73.1	3.8	4.2	4.4	5.3	5.8	6.0
<b>Alaska</b> .....	266.3	269.3	268.6	14.4	18.1	17.9	5.4	6.7	6.7
<b>Arizona</b> .....	1,726.2	1,717.5	1,708.0	101.0	94.2	99.5	5.8	5.5	5.8
Phoenix .....	1,075.1	1,074.6	1,063.8	48.7	49.7	51.8	4.5	4.6	4.9
Tucson .....	314.9	313.8	314.1	13.3	11.4	12.0	4.2	3.6	3.8
<b>Arkansas</b> .....	1,132.4	1,126.3	1,121.0	72.1	89.3	81.9	6.4	7.9	7.3
Fayetteville-Springdale .....	63.9	63.2	63.4	2.0	2.7	2.6	3.2	4.3	4.1
Fort Smith .....	93.3	92.1	91.9	5.4	6.7	6.6	5.8	7.3	7.2
Little Rock-North Little Rock .....	267.9	267.8	267.0	15.6	18.9	17.6	5.8	7.1	6.6
Pine Bluff .....	36.9	37.1	36.8	3.0	4.3	3.9	8.2	11.5	10.7
<b>California<sup>1</sup></b> .....	14,939.7	14,961.2	15,023.9	813.4	1,192.7	1,081.9	5.4	8.0	7.2
Anaheim-Santa Ana .....	1,391.9	1,375.4	1,385.5	46.1	73.8	65.3	3.3	5.4	4.7
Bakersfield .....	234.8	244.4	238.7	20.0	28.7	24.6	8.5	11.8	10.3
Fresno .....	335.4	333.2	341.4	24.9	36.5	30.3	7.4	11.0	8.9
Los Angeles-Long Beach <sup>1</sup> .....	4,587.0	4,558.0	4,575.0	304.0	391.0	388.0	6.6	8.6	8.5
Modesto .....	170.6	172.6	175.7	13.3	25.4	18.3	7.8	14.7	10.4
Oakland .....	1,101.4	1,102.1	1,106.3	44.0	67.8	59.6	4.0	6.2	5.4
Oxnard-Ventura .....	379.5	373.3	374.7	21.9	28.0	28.3	5.8	7.5	7.6
Riverside-San Bernardino .....	1,070.7	1,107.6	1,107.8	71.5	110.4	100.7	6.7	10.0	9.1
Sacramento .....	748.4	754.2	752.3	30.0	52.8	42.3	4.0	7.0	5.6
Salinas-Seaside-Monterey .....	163.4	164.6	167.9	9.7	13.3	11.4	5.9	8.1	6.8
San Diego .....	1,183.6	1,179.8	1,180.7	51.1	82.4	71.6	4.3	7.0	6.1
San Francisco .....	879.5	882.6	885.8	28.2	45.4	39.9	3.2	5.1	4.5
San Jose .....	824.7	811.4	819.1	30.9	50.5	43.4	3.7	6.2	5.3
Santa Barbara-Santa Maria-Lompoc .....	180.3	179.3	179.9	7.0	10.4	9.5	3.9	5.8	5.3
Santa Rosa-Petaluma .....	211.5	215.4	218.4	8.3	13.2	11.9	3.9	6.1	5.4
Stockton .....	202.0	204.7	206.1	14.4	24.8	19.0	7.1	12.1	9.2
Vallejo-Fairfield-Napa .....	206.0	215.9	208.6	9.6	15.0	13.1	4.7	7.0	6.3
<b>Colorado</b> .....	1,783.5	1,794.9	1,769.4	83.1	81.4	71.8	4.7	4.5	4.1
Boulder-Longmont .....	138.5	138.9	138.0	4.7	4.8	4.3	3.4	3.4	3.1
Denver .....	906.1	912.4	904.2	40.5	39.2	35.4	4.5	4.3	3.9
<b>Connecticut</b> .....	1,802.1	1,818.0	1,836.9	92.0	123.7	126.3	5.1	6.8	6.9
Bridgeport-Milford .....	232.7	232.9	237.7	14.4	18.2	18.6	6.2	7.8	7.8
Hartford .....	436.7	438.4	441.8	20.1	27.7	29.1	4.6	6.3	6.6
New Britain .....	74.4	75.5	76.2	4.5	6.8	7.0	6.1	9.0	9.2
New Haven-Meriden .....	291.1	292.3	291.8	14.6	19.3	19.1	5.0	6.6	6.6
Stamford .....	116.4	119.1	120.7	4.1	5.3	5.6	3.5	4.4	4.6
Waterbury .....	104.2	102.1	104.9	7.8	10.7	10.7	7.5	10.4	10.2
<b>Delaware</b> .....	364.6	368.1	365.5	18.8	23.5	24.6	5.2	6.4	6.7
Wilmington .....	312.5	315.9	313.8	16.1	20.4	22.3	5.2	6.5	7.1
<b>District of Columbia</b> .....	295.4	295.3	289.3	19.6	21.5	20.8	6.7	7.3	7.2
Washington .....	2,228.6	2,267.3	2,252.4	80.2	100.5	97.6	3.6	4.4	4.3
<b>Florida<sup>1</sup></b> .....	6,454.5	6,505.2	6,556.3	440.2	524.1	546.0	6.8	8.1	8.3
Daytona Beach .....	161.4	165.7	166.3	9.4	12.0	12.6	5.8	7.3	7.6
Fort Lauderdale-Hollywood-Pompano Beach .....	671.8	674.7	682.0	42.1	54.7	57.6	6.3	8.1	8.4
Fort Myers-Cape Coral .....	151.8	160.4	162.7	7.9	10.9	11.3	5.2	6.8	7.0
Gainesville .....	110.2	109.8	111.5	4.1	5.3	5.5	3.8	4.8	4.9
Jacksonville .....	470.2	472.8	476.6	27.8	33.8	35.0	5.9	7.2	7.3
Lakeland-Winter Haven .....	184.6	185.6	186.9	23.5	23.1	24.1	12.7	12.4	12.9
Melbourne-Titusville-Palm Bay .....	200.5	198.8	200.1	12.1	14.7	15.6	6.1	7.4	7.8
Miami-Hialeah .....	967.5	957.4	964.3	74.6	89.5	91.5	7.7	9.4	9.5
Orlando .....	657.4	656.0	654.9	39.4	46.3	45.7	6.0	7.1	7.0
Pensacola .....	153.9	153.3	155.4	9.8	9.4	10.4	6.4	6.2	6.7
Sarasota .....	128.6	130.0	131.6	5.9	7.2	7.7	4.6	5.6	5.9
Tallahassee .....	138.9	138.4	139.0	6.7	6.6	6.9	4.8	4.8	5.0
Tampa-St. Petersburg-Clearwater .....	1,030.1	1,042.2	1,051.5	57.7	71.3	74.0	5.6	6.8	7.0
West Palm Beach-Boca Raton-Delray Beach .....	428.7	430.6	434.6	35.3	43.6	46.6	8.2	10.1	10.7

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Georgia</b> .....	3,232.2	3,177.9	3,157.5	179.7	171.7	165.4	5.6	5.4	5.2
Albany .....	53.5	54.1	53.6	3.7	3.3	3.3	6.9	6.0	6.1
Athens .....	75.6	73.5	72.9	3.6	3.2	2.8	4.7	4.4	3.9
Atlanta .....	1,531.7	1,504.1	1,498.2	81.7	77.5	75.7	5.3	5.2	5.1
Augusta .....	203.1	201.7	199.9	8.9	10.2	9.6	4.4	5.1	4.8
Columbus .....	101.5	100.7	100.9	6.2	5.7	5.7	6.1	5.7	5.6
Macon-Warner Robins .....	134.7	132.5	132.3	6.2	6.1	6.1	4.6	4.6	4.6
Savannah .....	118.2	117.2	117.5	5.4	5.7	5.8	4.6	4.9	4.9
<b>Hawaii</b> .....	539.3	561.9	559.1	13.8	15.6	14.1	2.6	2.8	2.5
Honolulu .....	389.8	402.9	400.6	9.1	9.4	8.5	2.3	2.3	2.1
<b>Idaho</b> .....	491.5	518.4	510.9	25.2	28.1	25.5	5.1	5.4	5.0
Boise City .....	113.1	119.5	118.1	3.7	4.3	3.8	3.3	3.6	3.3
<b>Illinois<sup>1</sup></b> .....	6,025.3	6,128.2	6,094.9	381.2	396.0	440.9	6.3	6.5	7.2
Aurora-Elgin .....	190.0	197.7	195.0	11.2	14.3	13.7	5.9	7.2	7.0
Bloomington-Normal .....	73.8	74.7	74.5	3.0	3.1	3.2	4.1	4.1	4.3
Champaign-Urbana-Rantoul .....	88.3	92.1	91.0	3.4	3.9	4.0	3.9	4.3	4.4
Chicago .....	3,288.9	3,341.8	3,329.8	206.4	206.5	233.8	6.3	6.2	7.0
Davenport-Rock Island-Moline .....	183.5	185.3	188.2	10.9	10.8	14.9	6.0	5.8	7.9
Decatur .....	60.1	62.2	61.2	4.2	6.8	5.6	7.1	11.0	9.1
Joliet .....	209.9	214.9	214.5	14.2	14.7	15.7	6.8	6.9	7.3
Kankakee .....	47.8	48.7	48.7	3.4	3.8	4.2	7.1	7.9	8.7
Lake County .....	312.4	320.7	319.8	12.3	12.8	14.3	3.9	4.0	4.5
Peoria .....	167.0	167.8	168.5	10.3	10.5	11.7	6.1	6.2	7.0
Rockford .....	157.1	157.4	159.9	9.3	10.9	17.7	6.0	6.9	11.1
Springfield .....	120.2	115.7	122.1	5.5	5.0	5.9	4.5	4.3	4.8
<b>Indiana</b> .....	2,810.3	2,865.2	2,841.6	174.6	163.6	152.6	6.2	5.7	5.4
Anderson .....	59.0	58.9	57.9	4.8	4.5	3.6	8.1	7.7	6.2
Bloomington .....	56.9	59.9	61.6	2.3	2.0	4.0	4.1	3.3	6.5
Elkhart-Goshen .....	93.9	94.4	94.4	6.1	4.7	5.2	6.5	5.0	5.5
Evansville .....	143.3	146.1	144.3	8.4	8.6	8.3	5.9	5.9	5.8
Fort Wayne .....	203.4	202.3	201.2	12.3	10.1	9.6	6.1	5.0	4.8
Gary-Hammond .....	259.0	263.8	259.9	17.6	17.3	15.4	6.8	6.6	5.9
Indianapolis .....	668.0	704.1	698.6	33.5	34.5	31.8	5.0	4.9	4.6
Kokomo .....	48.9	46.9	45.9	4.7	3.6	2.9	9.6	7.6	6.4
Lafayette-West Lafayette .....	65.1	65.4	64.3	2.5	1.9	1.8	3.8	2.9	2.8
Muncie .....	59.2	60.0	59.1	4.0	3.5	2.9	6.8	5.8	4.9
South Bend-Mishawaka .....	127.4	130.2	128.8	8.2	7.7	6.7	6.4	5.9	5.2
Terre Haute .....	59.4	61.3	60.7	3.1	3.2	3.0	5.2	5.3	5.0
<b>Iowa</b> .....	1,477.7	1,518.1	1,500.8	58.6	64.8	69.2	4.0	4.3	4.6
Cedar Rapids .....	96.3	96.5	96.2	4.9	4.7	4.8	5.1	4.9	5.0
Des Moines .....	233.6	237.9	237.5	7.2	8.2	9.7	3.1	3.4	4.1
Dubuque .....	44.1	45.7	46.0	3.4	2.0	4.2	7.8	4.4	9.1
Iowa City .....	59.9	61.5	60.8	1.0	1.0	1.0	1.7	1.7	1.6
Sioux City .....	60.5	62.2	61.6	2.5	2.6	2.7	4.1	4.2	4.4
Waterloo-Cedar Falls .....	70.0	72.9	72.2	3.1	3.7	3.9	4.5	5.1	5.5
<b>Kansas</b> .....	1,311.0	1,335.7	1,316.6	60.8	60.0	63.5	4.6	4.5	4.8
Lawrence .....	44.5	43.6	43.9	1.7	1.8	1.6	3.8	4.0	3.6
Topeka .....	94.2	94.9	94.0	5.1	4.5	5.9	5.4	4.8	6.2
Wichita .....	259.2	270.9	264.5	12.1	14.0	13.1	4.7	5.2	5.0
<b>Kentucky</b> .....	1,782.6	1,797.4	1,810.4	92.4	132.8	139.9	5.2	7.4	7.7
Lexington-Fayette .....	201.3	196.7	196.8	6.9	9.6	9.6	3.4	4.9	4.9
Louisville .....	521.0	524.5	530.5	23.2	29.2	32.2	4.5	5.6	6.1
Owensboro .....	45.7	43.9	44.7	2.6	3.1	3.5	5.7	7.0	7.9
<b>Louisiana</b> .....	1,894.2	2,005.2	1,936.5	116.8	158.6	148.3	6.2	7.9	7.7
Alexandria .....	58.4	61.3	59.8	3.9	4.7	4.8	6.7	7.7	8.0
Baton Rouge .....	271.3	289.7	277.0	15.0	21.6	19.1	5.5	7.5	6.9
Houma-Thibodaux .....	69.6	75.0	72.1	3.6	5.5	5.1	5.1	7.3	7.1
Lafayette .....	106.6	113.2	109.9	4.6	6.7	6.6	4.3	5.9	6.0
Lake Charles .....	78.8	86.2	83.3	5.2	8.1	7.8	6.6	9.4	9.3
Monroe .....	69.0	72.8	69.4	3.9	5.0	4.9	5.7	6.9	7.0
New Orleans .....	584.3	611.3	593.0	34.3	41.6	40.4	5.9	6.8	6.8
Shreveport .....	153.4	162.0	157.1	9.6	11.7	11.3	6.2	7.2	7.2
<b>Maine</b> .....	649.7	662.1	651.0	28.5	47.9	39.9	4.4	7.2	6.1
Lewiston-Auburn .....	42.1	42.7	41.9	2.8	4.8	3.9	6.6	11.2	9.4
Portland .....	134.4	135.8	134.2	4.8	7.1	6.3	3.5	5.2	4.7

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Maryland</b> .....	2,567.8	2,628.0	2,596.1	127.3	144.1	142.4	5.0	5.5	5.5
Baltimore .....	1,227.9	1,259.8	1,240.5	66.3	77.5	76.7	5.4	6.2	6.2
<b>Massachusetts</b> <sup>1</sup> .....	3,238.0	3,161.1	3,108.9	207.2	296.9	275.1	6.4	9.4	8.8
Boston .....	1,585.7	1,547.3	1,521.6	90.1	126.6	120.6	5.7	8.2	7.9
Brockton .....	101.8	99.5	98.7	8.2	11.6	11.0	8.0	11.7	11.1
Fall River .....	77.3	77.8	75.8	7.5	12.2	9.4	9.7	15.7	12.5
Fitchburg-Leominster .....	47.2	45.7	44.9	4.6	5.8	5.4	9.7	12.8	11.9
Lawrence-Haverhill .....	190.8	187.1	185.1	15.9	19.8	19.5	8.3	10.6	10.5
Lowell .....	152.3	148.8	145.3	11.8	16.1	14.9	7.7	10.8	10.3
New Bedford .....	89.4	88.8	87.3	7.7	11.8	10.2	8.6	13.3	11.7
Pittsfield .....	43.1	43.7	42.3	2.6	4.3	3.8	6.1	9.7	9.1
Springfield .....	261.8	258.8	254.7	16.4	24.7	23.6	6.3	9.6	9.3
Worcester .....	221.8	214.5	210.5	15.2	23.0	20.6	6.9	10.7	9.8
<b>Michigan</b> <sup>1</sup> .....	4,696.7	4,531.6	4,531.6	349.0	390.1	393.3	7.4	8.6	8.7
Ann Arbor .....	164.4	156.0	156.2	9.1	9.0	9.5	5.5	5.8	6.1
Battle Creek .....	66.2	63.2	62.9	4.9	5.3	5.0	7.3	8.3	8.0
Benton Harbor .....	80.4	78.6	78.5	5.8	6.6	6.9	7.3	8.4	8.7
Detroit .....	2,196.6	2,096.7	2,091.1	168.7	187.1	183.4	7.7	8.9	8.8
Flint .....	187.4	183.0	186.1	17.3	19.6	22.7	9.2	10.7	12.2
Grand Rapids .....	384.6	375.7	378.8	23.0	26.1	28.3	6.0	6.9	7.5
Jackson .....	67.9	64.3	64.8	5.2	5.7	6.2	7.7	8.9	9.6
Kalamazoo .....	121.5	117.2	116.5	6.0	6.4	7.1	4.9	5.5	6.1
Lansing-East Lansing .....	242.7	233.6	234.7	13.9	19.7	18.1	5.7	8.4	7.7
Muskegon .....	70.9	68.0	68.9	6.5	7.6	8.3	9.2	11.1	12.0
Saginaw-Bay City-Midland .....	190.6	188.7	188.5	13.1	15.4	15.2	6.9	8.2	8.0
<b>Minnesota</b> .....	2,442.1	2,501.4	2,472.4	112.7	109.2	119.0	4.6	4.4	4.8
Duluth .....	113.1	115.9	114.8	5.7	6.9	6.8	5.1	5.9	5.9
Minneapolis-St. Paul .....	1,433.9	1,446.9	1,430.9	62.8	59.7	65.7	4.4	4.1	4.6
Rochester .....	67.0	69.1	68.0	2.2	2.5	2.6	3.3	3.6	3.9
St. Cloud .....	100.2	105.3	104.7	5.3	5.0	5.6	5.3	4.8	5.4
<b>Mississippi</b> .....	1,186.6	1,219.6	1,184.0	95.1	115.5	103.5	8.0	9.5	8.7
Jackson .....	202.2	205.1	199.5	11.9	14.4	13.3	5.9	7.0	6.7
<b>Missouri</b> .....	2,637.5	2,701.0	2,645.1	153.3	177.4	179.9	5.8	6.6	6.8
Kansas City .....	862.6	885.8	871.0	46.0	49.9	52.5	5.3	5.6	6.0
St. Louis LMA .....	1,280.0	1,295.8	1,274.8	81.2	86.8	91.9	6.3	6.7	7.2
Springfield .....	129.2	132.1	129.1	5.6	6.6	6.9	4.3	5.0	5.3
<b>Montana</b> .....	405.0	408.9	407.6	18.6	25.1	23.8	4.6	6.1	5.8
<b>Nebraska</b> .....	837.8	877.6	869.3	18.4	24.2	22.9	2.2	2.8	2.6
Lincoln .....	127.9	131.7	130.6	2.3	3.2	3.1	1.8	2.4	2.4
Omaha .....	340.3	358.6	355.0	9.1	11.5	10.9	2.7	3.2	3.1
<b>Nevada</b> .....	631.4	650.5	646.6	28.5	36.6	32.8	4.5	5.6	5.1
Las Vegas .....	389.0	403.1	401.4	18.7	25.1	22.5	4.8	6.2	5.6
Reno .....	135.6	137.8	136.6	5.4	6.4	5.6	4.0	4.6	4.1
<b>New Hampshire</b> .....	641.6	650.1	642.7	36.0	44.7	45.7	5.6	6.9	7.1
Manchester .....	88.0	91.3	89.6	5.2	6.4	6.5	5.9	7.0	7.3
Nashua .....	98.8	99.6	99.5	6.4	7.6	8.1	6.5	7.6	8.2
Portsmouth-Dover-Rochester .....	146.3	145.1	142.1	6.9	8.2	6.9	4.7	5.6	4.8
<b>New Jersey</b> <sup>1</sup> .....	4,104.0	4,121.9	4,075.6	188.9	266.9	258.4	4.6	6.5	6.3
Atlantic City .....	204.2	203.9	200.1	9.1	13.8	13.1	4.4	6.8	6.6
Bergen-Passaic .....	707.3	701.6	694.1	29.3	43.2	41.8	4.1	6.2	6.0
Jersey City .....	277.6	270.2	269.0	18.2	24.6	23.3	6.6	9.1	8.7
Middlesex-Somerset-Hunterdon .....	596.9	600.9	596.8	22.5	31.4	31.6	3.8	5.2	5.3
Monmouth-Ocean .....	510.7	523.8	516.3	22.0	31.6	29.9	4.3	6.0	5.8
Newark .....	958.9	962.2	948.8	49.3	65.6	63.6	5.1	6.8	6.7
Trenton .....	174.7	174.8	172.3	7.3	9.8	9.6	4.2	5.6	5.5
Vineland-Millville-Bridgeton .....	62.0	63.2	63.0	3.9	6.3	6.0	6.3	10.0	9.5
<b>New Mexico</b> .....	703.6	728.8	717.2	43.5	53.3	48.9	6.2	7.3	6.8
Albuquerque .....	266.8	273.4	269.9	13.8	15.4	14.3	5.2	5.6	5.3
Las Cruces .....	58.9	59.5	58.3	3.9	5.0	4.2	6.7	8.3	7.3
Santa Fe .....	73.0	75.1	73.3	2.2	2.9	2.5	3.1	3.9	3.4

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>New York<sup>1</sup></b>	8,731.0	8,703.0	8,614.0	419.6	604.4	621.4	4.8	6.9	7.2
Albany-Schenectady-Troy	449.9	444.1	442.0	14.8	23.5	23.6	3.3	5.3	5.3
Binghamton	124.1	120.5	118.5	4.4	6.7	6.6	3.6	5.6	5.6
Buffalo	471.3	471.6	464.8	21.7	29.6	29.6	4.6	6.3	6.4
Elmira	44.7	42.9	42.4	1.6	2.4	2.5	3.7	5.6	5.9
Glens Falls	58.4	57.4	55.6	2.5	3.8	3.6	4.3	6.7	6.5
Nassau-Suffolk	1,426.8	1,411.6	1,391.5	58.1	86.1	88.7	4.1	6.1	6.4
New York	3,974.4	3,983.4	3,954.4	230.0	324.5	341.5	5.8	8.1	8.6
New York City <sup>1</sup>	3,283.0	3,297.0	3,279.0	205.0	289.0	306.0	6.2	8.8	9.3
Orange County	138.3	137.7	135.9	6.2	8.9	9.2	4.5	6.4	6.8
Poughkeepsie	131.0	130.8	127.9	4.0	6.5	6.3	3.0	5.0	4.9
Rochester	518.2	516.7	508.9	17.8	23.8	23.5	3.4	4.6	4.6
Syracuse	330.4	328.5	324.4	11.4	19.2	18.6	3.5	5.8	5.7
Utica-Rome	141.8	138.9	137.9	5.1	8.6	8.6	3.6	6.2	6.2
<b>North Carolina<sup>1</sup></b>	3,418.2	3,509.9	3,514.4	118.3	211.8	192.4	3.5	6.0	5.5
Asheville	94.0	94.4	97.2	2.4	4.2	5.0	2.6	4.5	5.1
Charlotte-Gastonia-Rock Hill	654.3	665.9	667.4	19.9	35.1	34.2	3.0	5.3	5.1
Greensboro-Winston-Salem-High Point	521.6	529.5	532.5	16.8	28.5	26.6	3.2	5.4	5.0
Raleigh-Durham	421.6	428.3	431.8	9.4	15.5	15.7	2.2	3.6	3.6
<b>North Dakota</b>	337.7	326.5	326.1	11.6	12.8	14.1	3.4	3.9	4.3
Bismarck	49.1	48.7	48.9	1.6	1.9	1.9	3.2	3.9	3.9
Fargo-Moorhead	90.0	90.7	88.8	2.1	2.6	2.4	2.3	2.9	2.7
Grand Forks	36.2	35.6	35.4	1.3	1.2	1.5	3.6	3.3	4.2
<b>Ohio<sup>1</sup></b>	5,503.6	5,545.9	5,429.1	258.3	349.4	327.0	4.7	6.3	6.0
Akron	334.4	338.6	334.1	13.9	19.6	19.8	4.2	5.8	5.9
Canton	196.4	198.4	194.2	9.9	14.3	13.1	5.0	7.2	6.8
Cincinnati	798.0	810.0	801.5	30.3	41.3	42.3	3.8	5.1	5.3
Cleveland	969.6	976.8	956.3	39.4	52.1	51.3	4.1	5.3	5.4
Columbus	748.3	758.7	748.4	27.4	36.0	34.7	3.7	4.7	4.6
Dayton-Springfield	480.1	478.9	471.6	22.1	26.8	26.2	4.6	5.6	5.6
Toledo	312.3	317.6	304.2	17.1	30.8	21.6	5.5	9.7	7.1
Youngstown-Warren	222.8	222.9	219.7	12.8	15.2	14.7	5.7	6.8	6.7
<b>Oklahoma</b>	1,550.7	1,530.8	1,534.1	80.3	95.1	94.9	5.2	6.2	6.2
Enid	27.4	26.6	26.7	1.0	1.2	1.2	3.6	4.7	4.6
Lawton	48.8	48.5	48.6	2.3	2.9	2.9	4.7	6.0	6.0
Oklahoma City	506.0	494.9	495.4	29.5	26.5	27.0	5.8	5.4	5.5
Tulsa	353.2	351.5	349.5	16.1	20.8	21.3	4.6	5.9	6.1
<b>Oregon</b>	1,531.9	1,558.0	1,546.5	79.1	87.7	86.6	5.2	5.6	5.6
Eugene-Springfield	150.2	150.0	149.6	8.0	9.0	8.9	5.4	6.0	6.0
Medford	73.9	74.1	73.6	4.8	5.9	5.6	6.5	7.9	7.6
Portland	697.7	719.9	715.6	29.5	34.1	34.3	4.2	4.7	4.8
Salem	148.6	147.5	149.5	6.6	7.7	7.5	4.5	5.2	5.0
<b>Pennsylvania<sup>1</sup></b>	5,876.8	6,051.0	5,950.0	253.1	426.3	384.3	4.3	7.0	6.5
Allentown-Bethlehem	334.5	346.0	341.9	15.4	25.3	21.9	4.6	7.3	6.4
Altoona	61.7	64.0	63.0	3.3	5.6	4.7	5.3	8.8	7.5
Beaver County	59.3	61.6	60.0	3.5	6.2	5.8	5.9	10.1	9.7
Erie	134.0	138.8	135.6	5.5	9.5	8.8	4.1	6.8	6.5
Harrisburg-Lebanon-Carlisle	334.8	344.6	339.3	12.5	18.9	17.0	3.7	5.5	5.0
Johnstown	98.1	102.0	101.5	5.7	9.2	8.4	5.8	9.0	8.3
Lancaster	227.0	232.9	229.1	7.3	11.7	11.0	3.2	5.0	4.8
Philadelphia	2,444.8	2,503.0	2,463.9	99.0	167.9	157.9	4.0	6.7	6.4
Pittsburgh	990.3	1,019.0	1,002.0	36.4	60.0	56.1	3.7	5.9	5.6
Reading	173.6	177.6	175.4	7.4	12.2	10.4	4.3	6.9	5.9
Scranton-Wilkes-Barre	363.1	376.2	370.5	19.6	33.8	29.3	5.4	9.0	7.9
Sharon	52.3	53.2	52.9	2.0	3.9	3.8	3.8	7.3	7.1
State College	66.0	68.4	68.0	2.9	4.2	3.8	4.5	6.1	5.6
Williamsport	60.0	60.7	59.4	3.7	4.7	4.1	6.2	7.8	7.0
York	223.0	229.4	225.5	9.8	14.3	12.3	4.4	6.2	5.5
<b>Rhode Island</b>	518.7	514.2	515.4	33.3	42.5	43.6	6.4	8.3	8.5
Pawtucket-Woonsocket-Attleboro	165.6	158.6	160.3	12.5	15.5	15.5	7.6	9.8	9.7
Providence	338.1	339.9	339.7	21.0	28.2	28.7	6.2	8.3	8.5
<b>South Carolina</b>	1,739.8	1,788.0	1,755.9	76.6	105.5	103.1	4.4	5.9	5.9
Charleston	243.1	256.8	253.4	7.6	11.5	11.8	3.1	4.5	4.7
Columbia	246.4	254.8	251.7	8.1	10.6	11.0	3.3	4.2	4.4
Greenville-Spartanburg	344.8	354.8	349.2	13.2	17.3	17.1	3.8	4.9	4.9
<b>South Dakota</b>	365.5	365.1	360.4	12.0	11.8	13.2	3.3	3.2	3.7
Rapid City	41.9	41.7	41.0	1.4	1.4	1.6	3.3	3.3	3.8
Sioux Falls	75.9	75.6	75.1	1.5	1.7	2.0	2.0	2.2	2.7

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		
	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>	Aug. 1990	July 1991	Aug. 1991 <sup>P</sup>
<b>Tennessee</b> .....	2,408.8	2,443.3	2,416.4	118.3	164.5	150.2	4.9	6.7	8.2
Chattanooga .....	212.3	215.2	213.1	9.2	12.8	12.2	4.3	5.9	5.7
Johnson City-Kingsport-Bristol .....	221.7	225.2	223.1	9.0	13.3	11.6	4.0	5.9	5.2
Knoxville .....	290.0	288.6	285.7	12.6	16.1	15.4	4.3	5.6	5.4
Memphis .....	477.4	483.6	477.6	21.3	27.4	26.5	4.5	5.7	5.5
Nashville .....	535.2	544.8	540.1	20.7	26.6	26.1	3.9	4.9	4.8
<b>Texas<sup>1</sup></b> .....	8,458.7	8,737.8	8,545.2	500.9	595.7	540.7	5.9	6.8	6.3
Abilene .....	50.2	50.7	49.6	3.2	3.0	2.7	6.4	6.0	5.5
Amarillo .....	96.3	98.0	95.7	4.5	5.3	4.6	4.7	5.4	4.8
Austin .....	431.1	444.8	435.8	19.3	22.8	21.0	4.5	5.1	4.8
Beaumont-Port Arthur .....	165.9	175.7	172.7	12.1	13.6	13.2	7.3	7.7	7.6
Brazoria .....	87.8	90.7	89.0	4.7	5.8	4.9	5.3	6.4	5.5
Brownsville-Harlingen .....	103.8	111.6	108.5	11.7	14.7	12.9	11.3	13.2	11.9
Bryan-College Station .....	81.4	81.5	58.9	2.0	2.3	2.0	3.3	3.7	3.4
Corpus Christi .....	165.9	174.6	170.7	10.8	14.2	12.9	6.5	8.2	7.6
Dallas .....	1,435.9	1,477.3	1,448.0	74.0	92.0	64.4	5.2	6.2	5.8
El Paso .....	249.5	259.9	252.7	26.0	28.2	25.4	10.4	10.8	10.1
Fort Worth-Arlington .....	739.3	758.9	741.1	36.5	52.8	47.9	4.9	7.0	6.5
Galveston-Texas City .....	111.2	115.1	112.0	7.5	8.8	7.6	6.8	7.5	6.8
Houston .....	1,745.2	1,811.6	1,772.7	91.0	108.2	99.1	5.2	6.0	5.6
Killeen-Temple .....	97.5	99.3	97.8	6.7	8.9	6.3	6.9	7.0	6.5
Laredo .....	52.2	53.6	52.1	4.6	4.8	4.1	6.7	9.0	7.9
Longview-Marshall .....	80.0	81.2	79.3	5.3	6.7	6.1	6.7	8.2	7.7
Lubbock .....	118.7	118.5	115.9	6.0	7.5	6.7	5.2	6.4	5.7
McAllen-Edinburg-Mission .....	152.9	156.2	152.8	24.5	24.9	23.2	16.0	16.0	15.2
Midland .....	48.0	49.6	48.8	2.6	2.8	2.7	5.5	5.6	5.6
Odessa .....	51.0	54.1	53.2	3.0	3.7	3.6	5.8	6.9	6.7
San Angelo .....	43.5	44.1	43.3	2.4	2.6	2.3	5.5	5.8	5.2
San Antonio .....	603.9	616.5	600.1	42.1	43.2	38.0	7.0	7.0	6.3
Sherman-Denison .....	47.0	48.1	47.0	2.4	3.1	2.9	5.1	6.5	6.2
Texarkana .....	56.9	57.1	56.5	3.3	4.4	4.4	5.8	7.8	7.8
Tyler .....	74.5	75.8	73.9	4.7	5.1	4.6	6.3	6.7	6.2
Victoria .....	38.5	37.5	36.8	1.8	2.1	1.8	5.0	5.6	4.9
Waco .....	91.9	94.8	92.3	5.6	7.0	6.0	6.1	7.3	6.5
Wichita Falls .....	54.9	56.1	55.1	3.4	3.9	3.6	8.1	6.9	6.6
<b>Utah</b> .....	801.6	812.5	819.0	32.4	42.5	42.9	4.0	5.2	5.2
Provo-Orem .....	117.1	119.8	122.1	3.8	5.6	5.7	3.3	4.7	4.6
Salt Lake City-Ogden .....	521.2	524.8	529.5	21.0	27.1	27.4	4.0	5.2	5.2
<b>Vermont</b> .....	309.3	311.1	308.7	14.2	20.2	16.0	4.6	6.5	5.2
Burlington .....	77.6	77.7	76.5	2.5	3.6	3.1	3.3	4.7	4.0
<b>Virginia</b> .....	3,234.6	3,334.2	3,338.5	136.9	196.9	177.7	4.2	6.0	5.3
Charlottesville .....	70.4	72.6	73.1	1.9	3.0	3.1	2.7	4.1	4.2
Danville .....	51.8	53.2	54.0	3.9	5.5	4.5	7.8	10.3	8.3
Lynchburg .....	74.9	76.6	76.5	3.5	5.0	4.3	4.6	6.5	5.6
Norfolk-Virginia Beach-Newport News .....	638.5	649.2	650.0	31.0	40.1	37.2	4.9	6.2	5.7
Richmond-Petersburg .....	467.5	482.2	484.2	18.7	27.5	25.2	4.0	5.7	5.2
Roanoke .....	126.1	129.2	129.9	4.4	6.7	6.3	3.5	5.2	4.9
<b>Washington</b> .....	2,515.2	2,536.0	2,478.8	106.0	150.6	133.2	4.2	5.9	5.4
Seattle .....	1,125.6	1,131.9	1,112.8	35.4	53.7	46.7	3.1	4.7	4.2
<b>West Virginia</b> .....	782.2	797.5	786.3	70.5	80.4	82.3	9.0	10.1	10.5
Charleston .....	121.9	125.5	122.0	7.9	9.5	8.8	6.5	7.5	8.0
Huntington-Ashland .....	132.1	135.5	134.5	8.8	11.9	12.7	6.7	8.8	9.4
Parkersburg-Marietta .....	75.0	75.0	73.4	6.6	5.8	5.4	8.8	7.5	7.3
Wheeling .....	71.9	73.9	71.9	3.6	4.6	4.6	5.0	6.3	6.4
<b>Wisconsin</b> .....	2,619.9	2,663.0	2,643.0	99.2	125.3	116.5	3.8	4.7	4.5
Appleton-Oshkosh-Neenah .....	176.4	179.8	179.2	6.4	6.9	7.2	3.6	3.8	4.0
Eau Claire .....	71.0	73.2	72.3	2.8	3.2	3.3	3.9	4.4	4.5
Green Bay .....	113.6	114.5	114.6	4.0	4.5	4.3	3.5	3.9	3.7
Janesville-Beloit .....	73.8	75.4	75.7	3.3	6.4	8.6	4.5	8.5	8.7
Kenosha .....	52.6	55.8	54.3	2.8	4.1	2.6	5.3	7.4	4.8
La Crosse .....	51.3	51.5	51.1	1.6	2.1	1.9	3.1	4.1	3.7
Madison .....	229.4	232.6	232.3	5.2	6.1	6.4	2.3	2.6	2.7
Milwaukee .....	762.4	762.2	761.5	29.0	33.0	33.5	3.6	4.3	4.4
Racine .....	90.0	91.2	92.3	3.7	5.2	5.1	4.1	5.7	5.5
Sheboygan .....	59.9	62.0	61.0	2.4	3.2	2.7	3.9	5.1	4.5
Wausau .....	64.2	67.7	66.4	2.4	4.0	3.3	3.7	5.9	5.0
<b>Wyoming</b> .....	248.7	249.4	247.6	10.6	9.6	9.5	4.2	3.8	3.8
Casper .....	31.1	30.5	30.9	1.6	1.4	1.5	5.2	4.6	4.8

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

<sup>P</sup> = 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 <sup>3</sup>	729	57,400	2,600	11,800

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

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

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

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



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 <sup>1</sup>								
	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	--	--	--	--	--

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

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 <sup>1</sup>							
	Unemployment				Labor force data other than unemployment and agricultural employment			
	Total or white	Both sexes 16 to 19 years, or part-time labor force <sup>2</sup>	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	-	-	-

<sup>1</sup> See footnote 1, table D.

<sup>2</sup> Part-time labor force for unemployment also includes persons reentering

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

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:

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

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.

### 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

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

### Benchmark adjustments

Employment estimates are compared periodically with benchmarks (comprehensive counts of employment) for the various 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. <sup>1</sup>	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees . . . . .	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees. <sup>2</sup>	Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells.
Average weekly hours . . . . .	Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers. <sup>2</sup>	Average, weighted by production or nonsupervisory worker employment, of the average weekly hours for component cells.
Average weekly overtime hours . . . . .	Production worker overtime hours divided by number of production workers. <sup>2</sup>	Average, weighted by production worker employment, of the average weekly overtime hours for component cells.
Average hourly earnings . . . . .	Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker hours. <sup>2</sup>	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Average weekly earnings . . . . .	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.
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.

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

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

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



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 <sup>1</sup>		
		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	( <sup>3</sup> )	3,082	100
State .....	4,386	5,175	3,498	80
Local .....	11,100	16,616	7,303	66

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> Total Federal employment counts by agency for use in national estimates are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 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 <sup>1</sup>	Relative error <sup>2</sup>	
		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 <sup>3</sup> .....	.3	-	-

<sup>1</sup> The average percent revision in employment for the 1986-90 benchmarks.

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

<sup>3</sup> 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 <sup>1</sup>	Relative error <sup>2</sup> (in percent)	
		Average weekly hours	Average hourly earnings
50,000 .....	2,100	2.2	4.0
100,000 .....	3,900	1.3	2.3
200,000 .....	5,600	1.1	2.0
500,000 .....	14,000	.9	1.6
1,000,000 .....	15,000	.8	1.2
2,000,000 .....	26,000	.5	.9

<sup>1</sup> Assuming 12-month intervals between benchmark revisions.

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

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 products . . . . .	1,600	1,600
Construction . . . . .	12,800	13,600	Leather and leather products . . . . .	1,300	1,200
General building contractors . . . . .	5,300	5,500	Service-producing industries . . . . .	70,600	69,600
Manufacturing . . . . .	14,100	14,400	Transportation and public utilities . . . . .	12,800	11,600
Durable goods . . . . .	12,200	11,600	Transportation . . . . .	10,500	9,000
Lumber and wood products . . . . .	2,100	1,900	Communications and public utilities . . . . .	5,000	4,500
Furniture and fixtures . . . . .	1,500	1,400	Wholesale trade . . . . .	7,200	6,200
Stone, clay, and glass products . . . . .	1,400	1,400	Durable goods . . . . .	5,000	4,200
Primary metal industries . . . . .	3,800	3,300	Nondurable goods . . . . .	4,500	3,900
Blast furnaces and basic 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 and equipment . . . . .	3,900	3,300	Food stores . . . . .	6,300	5,500
Electronic and other electrical equipment . . . . .	4,100	3,800	Automotive dealers and service stations . . . . .	4,200	5,000
Transportation equipment . . . . .	6,800	6,600	Eating and drinking places . . . . .	8,200	6,400
Motor vehicles and equipment . . . . .	5,700	6,100	Finance, insurance, and real estate . . . . .	7,500	6,400
Instruments and related products . . . . .	2,000	2,100	Finance . . . . .	4,300	3,900
Miscellaneous manufacturing . . . . .	1,700	1,600	Insurance . . . . .	3,600	3,100
Nondurable goods . . . . .	7,500	7,600	Real estate . . . . .	4,000	3,600
Food and kindred products . . . . .	5,100	4,600	Services . . . . .	31,300	32,800
Tobacco products . . . . .	1,000	900	Business services . . . . .	12,100	11,800
Textile mill products . . . . .	1,900	1,700	Health services . . . . .	8,200	7,900
Apparel and other textile products . . . . .	3,300	3,300	Government . . . . .	54,200	48,000
Paper and allied products . . . . .	1,700	1,500	Federal . . . . .	17,500	14,000
			State . . . . .	20,700	17,200
			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	
	<b>BLS Region</b>	<b>BLS Region</b>
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, Employ- ment Data and Research Division, 7000 Franklin Blvd., Bldg. 1100, Sacramento 95823	VI NEW MEXICO Employment Security Commission, 401 Broad- way, TIWA Bldg., Albuquerque 87103
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	II NEW YORK Department of Labor, Division of Research and Statistics, State Campus, Room 400, Bldg. 12, Albany 12240-0020
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	IV NORTH CAROLINA Employment Security Commission, Labor Market Information Division, P.O. Box 25903, Raleigh 27611
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	VIII NORTH DAKOTA Job Service, P.O. Box 1537, Bismarck 58502
	III DIST. OF COL. Department of Employment Services, Division of Labor Market Information and Analysis, Room 201, 500 C St., NW., Washington, DC 20001	V OHIO Bureau of Employment Services, Labor Market Information Division, 1160 Dublin Rd., Columbus 43215
	IV FLORIDA Florida Department of Labor and Employment Security, Bureau of Labor Market Information, Suite 203, 2574 Seagate Dr., Tallahassee 32399-0674	VI OKLAHOMA Employment Security Commission, Research and Planning Division, 2401 North Lincoln, Oklahoma City 73105
	IV GEORGIA Department of Labor, Labor Information Systems, 148 International Blvd., NE., Atlanta 30303	X OREGON Employment Division, 875 Union St., NE., Salem 97311
	IX HAWAII Department of Labor and Industrial Relations, Research and Statistics Office, Room 304, 830 Punchbowl St., Honolulu 96813	III PENNSYLVANIA Department of Labor and Industry, Research and Statistics Division, Room 1216, 7th and Forster Sts., Harrisburg 17121
	X IDAHO Department of Employment, 317 Main St., Boise 83735	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 ILLINOIS Department of Employment Security, (2 South), 401 South State St., Chicago 60605	I RHODE ISLAND Department of Employment Security, 24 Mason St., Providence 02903
	V INDIANA Department of Employment and Training Services, Statistical Services Division, 10 North Senate Avenue, Indianapolis 46204	IV SOUTH CAROLINA Employment Security Commission, Labor Market Information Division, P.O. Box 995, Columbia 29202
	VII IOWA Department of Employment Services, 1000 East Grand Avenue, Des Moines 50319	VIII SOUTH DAKOTA Department of Labor, Labor Market Information Center, P.O. Box 4730, Aberdeen 57401
	VII KANSAS Department of Human Resources, 401 Topeka Avenue, Topeka 66603	IV TENNESSEE Department of Employment Security, Research and Statistics Division, 519 Cordell Hull Office Bldg., Nashville 37219
	IV KENTUCKY Department for Employment Services, Labor Market Research and Analysis Branch, 275 East Main St., Frankfort 40621	VI TEXAS Employment Commission, Room 208-T, 1117 Trinity St., Austin 78778
	VI LOUISIANA Department of Labor, Research and Statistics Section, 1001 North 23rd St., Baton Rouge 70804-9094	VIII UTAH Department of Employment Security, Labor Market Information Services, P.O. Box 11249, Salt Lake City 84147
	I MAINE Department of Labor, Division of Economic Analysis and Research, 20 Union St., Augusta 04330	I VERMONT Department of Employment and Training, Office of Policy and Public Information, P.O. Box 488, Montpelier 05602
	III MARYLAND Department of Employment and Training, Research and Analysis Division, 1100 North Eutaw St., Baltimore 21201	III VIRGINIA Employment Commission, Economic Information Services, P.O. Box 1358, Richmond 23211
	I MASSACHUSETTS Department of Employment and Training, Government Center, Charles F. Hurley Bldg., Boston 02114	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 MICHIGAN Employment Security Commission, Research and Statistics Division, Room 516, 7310 Woodward Avenue, Detroit 48202	X WASHINGTON Employment Security Department, Labor Market and Economic Analysis Branch, 605 Woodview Dr., Olympia 98503
	V MINNESOTA Department of Jobs and Training, Research and Statistics Division, 5th Fl., 390 North Robert St., St. Paul 55101	III WEST VIRGINIA Department of Employment Security, Division of Labor and Economic Security, 112 California Avenue, Charleston 25305
	IV MISSISSIPPI Employment Security Commission, Labor Market Information Division, P.O. Box 1699, Jackson 39215-1699	V WISCONSIN Department of Industry, Labor, and Human Relations, Labor Market Information Bureau, 201 East Washington Avenue, Madison 53707
	VII MISSOURI Division of Employment Security, P.O. Box 59, Jefferson City 65104	VIII WYOMING Employment Security Commission, Research and Analysis Section, P.O. Box 2760, Casper 82602