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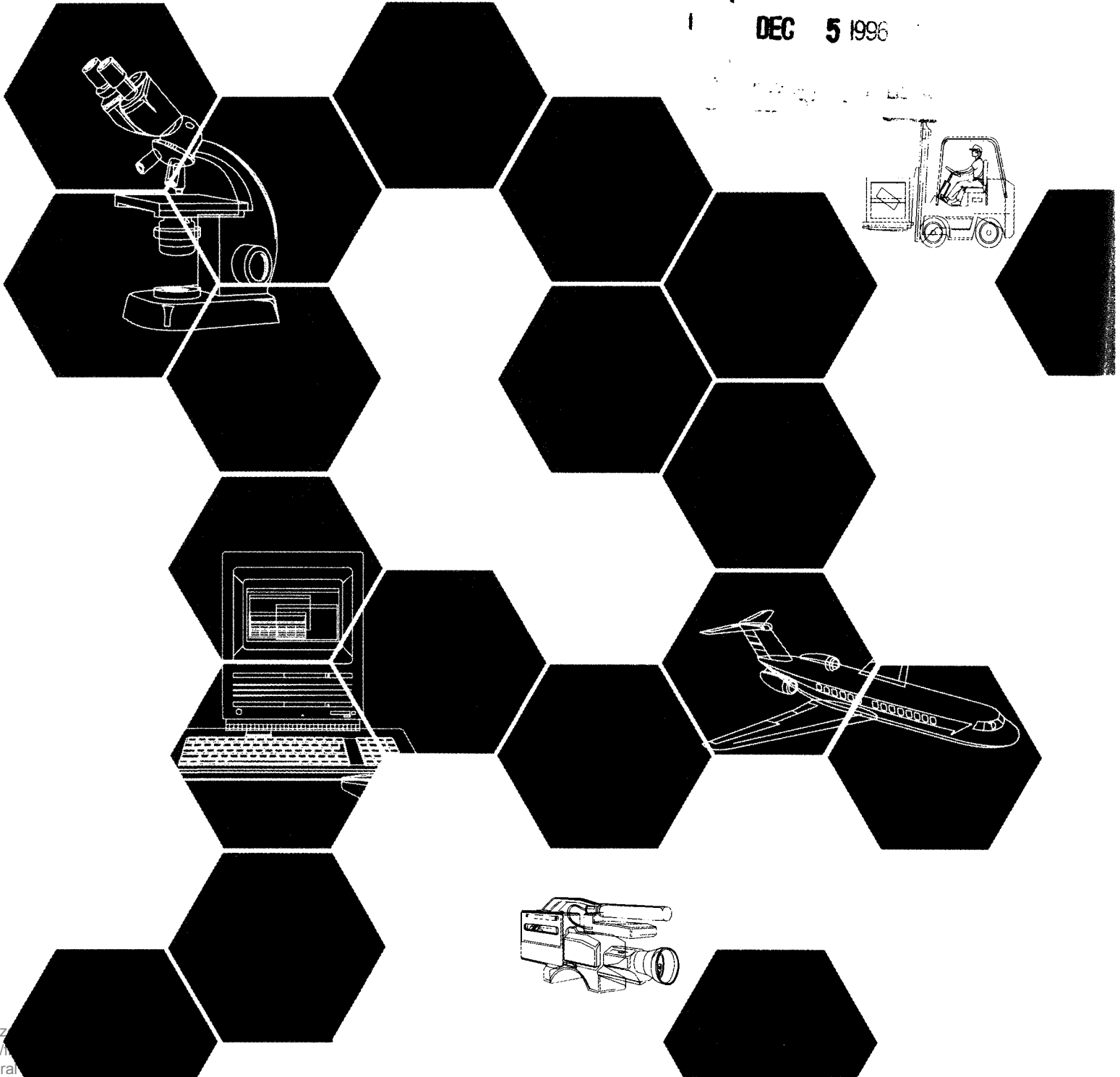


# EMPLOYMENT AND EARNINGS

In this issue: Third quarter 1996 averages for household survey data

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# Employment and Earnings

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# Employment and Unemployment Developments, September 1996

Both unemployment and nonfarm payroll employment were essentially unchanged in September. The jobless rate was 5.2 percent in September; it had been 5.1 percent in August. Payroll employment fell in manufacturing and local government in September, and growth slowed in several other major industries. Average hourly earnings rose by 6 cents over the month.

## Unemployment

About 7.0 million persons were unemployed in September and the unemployment rate was 5.2 percent. Both measures were about the same as they had been in August. Among the major worker groups, the unemployment rate for adult men rose by 0.3 percentage point to 4.5 percent, while the rate for teenagers fell to 15.6 percent. (See table A-3.)

## Total employment and the labor force

Total employment, at 127.4 million in September, continued to trend upward. The proportion of the population 16 years and over that was employed (the employment-population ratio) remained at 63.3 percent. The number of employed persons has increased by about 2.3 million over the past year, and the employment-population ratio has risen by half a percentage point. (See table A-3.)

The number of persons who held more than one job in September was 7.8 million (not seasonally adjusted). These multiple jobholders comprised 6.1 percent of the total employed. This multiple jobholding rate was the same for men and women. (See table A-35.)

The civilian labor force grew by 455,000 in September to 134.3 million, more than offsetting a decline in the previous month. The labor force has grown by 1.8 million since September 1995. (See table A-3.)

## Persons not in the labor force

About 1.5 million persons (not seasonally adjusted) were marginally attached to the labor force in September—that is, they wanted and were available for work but had stopped looking for jobs sometime in the prior 12 months. Of this total, discouraged workers—those who were no longer looking specifically because they believed no jobs were available for them—numbered 391,000. (See table A-34.)

## Industry payroll employment

Nonfarm payroll employment was about unchanged in

September at 120.0 million, after seasonal adjustment, as private sector employment growth slowed markedly and government employment declined. (See table B-3.)

Manufacturing employment declined by 57,000 in September; industry losses now total 331,000 since the most recent peak in March 1995. Job losses were widespread in September, with the largest declines occurring in industrial machinery and transportation equipment. In the latter industry, there has been no net job growth since June. Within nondurable goods, job losses continued in several industries, including food and kindred products, printing and publishing, and apparel.

Construction employment increased by only 9,000 in September. Growth in the industry has slowed considerably in the past 2 months, following relatively strong gains over the first 7 months of the year. The long-term decline in mining employment continued.

Within the service-producing sector, government employment fell by 81,000 in September. This was due mainly to a seasonally adjusted decline of 67,000 in local education, following unusually large gains in the prior 3 months. Changing seasonal patterns due to the earlier start of the school year and the trend toward year-round schools have shifted some of the seasonal job growth in education to the summer months. Despite this drop in September, employment in local education still has expanded by 95,000 since May. Losses continued in Federal Government employment, where job declines have approached a quarter million since the most recent employment peak in May 1992.

Employment growth in services slowed further in September. The increase of 54,000 was just under half of the average monthly gain recorded in the first half of the year and smaller than the modest increases of July and August. Employment growth in September was weak in business and private educational services, and employment declined in child day care. In contrast, employment in health services grew by 30,000, following 3 months of sluggishness.

Retail trade added only 22,000 jobs in September, half the average monthly gain of the past year. Employment declined in general merchandise and apparel stores and grew moderately in eating and drinking places. While the pace of job growth in wholesale trade has slowed considerably since March, the September increase of 5,000 was especially small.

Employment in finance, insurance, and real estate increased modestly in September. Employment growth accel-

erated in insurance, but employment in finance and real estate was little changed over the month. Gains in transportation and public utilities employment were relatively small for the third consecutive month. Within transportation, there was a small increase in air transportation, but employment in trucking and warehousing was flat over the month and has shown no net growth since late last year.

### Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls rose 0.2 hour in September to 34.7 hours, seasonally adjusted. The manufacturing workweek edged up 0.1 hour to 41.8 hours, and factory overtime was unchanged at 4.5 hours. (See table B-8.)

The index of aggregate weekly hours of private produc-

tion or nonsupervisory workers on nonfarm payrolls rose 0.7 percent in September to 138.0 (1982=100), seasonally adjusted, largely reflecting the increase in the average workweek. The manufacturing index edged down 0.2 percent to 106.1. (See table B-9.)

### Hourly and weekly earnings

Average hourly earnings of private production or nonsupervisory workers on nonfarm payrolls rose 6 cents in September to \$11.92, seasonally adjusted. Average weekly earnings increased by 1.1 percent to \$413.62. Over the past year, average hourly earnings have increased by 3.5 percent, and average weekly earnings have risen by 4.4 percent. (See table B-11.)

### Revisions in Establishment-based series

Effective with the July 1996 issue of *Employment and Earnings*, BLS suspended publication of its average hourly and weekly earnings series (table B-15) for March 1995 forward for the following manufacturing industries: Engines and turbines (SIC 351), turbines and turbine generator sets (SIC 3511), household appliances (SIC 363), household refrigerators and freezers (SIC 3632), aircraft and parts (SIC 372), and aircraft engines and engine parts (SIC 3724).

BLS discovered that data for some establishments in these industries were not used in the estimates for several months in 1995 due to problems associated with the conversion to the Electronic Data Interchange (EDI) reporting system.

These series will be recalculated from March 1995 forward to incorporate the omitted data and published in *Employment and Earnings*. We estimate that the recalculations will be completed by the end of 1996.

National, seasonally adjusted establishment-based data for March-September 1996 (Summary table B, and tables B-3 through B-6, and B-8 through B-11) incorporate corrected seasonal adjustment factors. August-September 1996 estimates for total nonfarm, total private, service-producing, services, and hotels and other lodging places differ slightly from those published in table B-1 of the September 1996 *Employment Situation* news release (USD-96-414) because of subsequent corrections to the seasonal factors. The factors previously published for March-October 1996 in the June 1996 issue of this publication contained minor computational errors resulting from the X-12 ARIMA program used to generate these factors. Corrected factors for March-October 1996 appear on pages 4-9 of this issue. These factors and the corrected employment, hours, and earnings estimates also are available on the INTERNET. For additional information, contact the Division of Monthly Industry Employment Statistics at (202) 606-6555.

Scheduled Release Dates			
Employment and unemployment data are scheduled for initial release on the following dates:			
Reference month	Release date	Reference month	Release date
October	November 1	January	February 7
November	December 6	February	March 7
December	January 10	March	April 4



# **Revised Seasonal Adjustment Factors, March–October 1966**

**Table 1. Revised seasonal adjustment factors for employees on nonfarm payrolls by industry**

Industry	1996							
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>Total<sup>1</sup></b>								
<b>Mining<sup>1</sup></b>								
Metal mining .....	0.9881	0.9963	0.9979	1.0135	1.0227	1.0152	1.0088	1.0000
Coal mining .....	.9955	.9951	.9920	.9976	1.0055	1.0043	1.0059	.9999
Oil and gas extraction .....	.9809	.9811	.9819	.9962	1.0123	1.0126	1.0060	1.0139
Nonmetallic minerals, except fuels .....	.9537	1.0006	1.0250	1.0367	1.0417	1.0467	1.0383	1.0291
<b>Construction<sup>1 2</sup></b>								
General building contractors .....	.9433	.9682	.9970	1.0298	1.0468	1.0512	1.0360	1.0315
Heavy construction, except building .....	.8789	.9702	1.0400	1.0728	1.0874	1.0946	1.1068	1.1038
Special trade contractors .....	.9303	.9725	1.0075	1.0385	1.0561	1.0609	1.0489	1.0451
<b>Manufacturing<sup>1</sup></b>								
<b>Durable goods<sup>1</sup></b>								
Lumber and wood products .....	.9829	.9845	.9943	1.0097	1.0135	1.0170	1.0168	1.0098
Furniture and fixtures .....	.9985	.9993	.9996	1.0047	.9832	1.0024	1.0024	1.0053
Stone, clay, and glass products .....	.9757	.9981	1.0106	1.0221	1.0172	1.0220	1.0216	1.0155
Primary metal industries .....	.9991	.9991	1.0004	1.0021	.9927	1.0008	1.0032	1.0001
Blast furnaces and basic steel products .....	.9958	.9960	.9976	1.0007	1.0048	1.0077	1.0035	.9971
Fabricated metal products .....	.9992	.9988	1.0010	1.0051	.9902	.9997	1.0014	1.0024
Industrial machinery and equipment .....	1.0022	1.0010	1.0022	1.0052	.9978	.9962	.9989	.9964
Computer and office equipment .....	.9962	.9962	.9967	1.0041	1.0068	1.0004	.9995	.9991
Electronic and other electrical equipment .....	.9981	.9976	.9980	1.0028	.9944	.9989	1.0006	1.0015
Electronic components and accessories .....	.9983	.9968	.9973	1.0032	1.0008	1.0000	1.0002	1.0002
Transportation equipment .....	1.0019	1.0029	.9997	1.0017	.9859	.9899	1.0013	1.0027
Motor vehicles and equipment .....	.9986	1.0060	.9977	1.0062	.9827	.9903	1.0037	1.0033
Aircraft and parts .....	1.0014	1.0021	1.0007	.9986	.9931	.9932	.9975	1.0018
Instruments and related products .....	.9998	.9986	.9996	1.0015	1.0002	1.0012	1.0015	.9997
Miscellaneous manufacturing .....	.9956	.9956	.9982	1.0049	.9831	1.0040	1.0114	1.0192
<b>Nondurable goods<sup>1</sup></b>								
Food and kindred products .....	.9705	.9680	.9779	1.0000	1.0223	1.0493	1.0462	1.0263
Tobacco products .....	.9653	.9436	.9206	.9223	.9173	1.0326	1.0634	1.0587
Textile mill products .....	.9974	1.0018	1.0041	1.0068	.9912	1.0065	1.0036	1.0014
Apparel and other textile products .....	.9970	.9993	1.0052	1.0116	.9765	1.0069	1.0104	1.0087
Paper and allied products .....	.9934	.9943	.9960	1.0080	1.0067	1.0090	1.0050	1.0000
Printing and publishing .....	.9996	.9990	.9992	.9998	.9992	.9993	.9978	.9986
Chemicals and allied products .....	.9970	.9967	.9963	1.0069	1.0058	1.0056	1.0016	.9991
Petroleum and coal products .....	.9776	.9924	1.0053	1.0183	1.0218	1.0248	1.0152	1.0154
Rubber and misc. plastics products .....	1.0006	.9999	1.0037	1.0060	.9923	.9982	1.0012	1.0022
Leather and leather products .....	.9937	.9936	.9953	1.0036	.9593	1.0147	1.0180	1.0146
<b>Transportation and public utilities<sup>1</sup></b>								
<b>Transportation<sup>1</sup></b>								
Railroad transportation .....	.9894	1.0002	1.0089	1.0031	1.0128	1.0104	1.0076	1.0036
Local and interurban passenger transit <sup>2</sup> .....	1.0311	1.0290	1.0348	.9984	.8591	.8499	1.0315	1.0429
Trucking and warehousing .....	.9746	.9816	.9916	1.0077	1.0111	1.0145	1.0132	1.0154
Water transportation .....	.9686	.9833	1.0386	1.0395	1.0578	1.0398	1.0332	.9997
Transportation by air .....	.9949	.9956	1.0033	1.0029	1.0062	1.0068	1.0009	.9981
Pipelines, except natural gas .....	.9829	.9916	.9913	1.0122	1.0163	1.0171	1.0091	1.0018
Transportation services .....	1.0008	1.0011	1.0026	1.0047	1.0025	1.0026	.9983	.9991
<b>Communications and public utilities<sup>1</sup></b>								
Communications .....	.9956	.9966	.9956	1.0024	1.0043	1.0038	1.0025	1.0036
Electric, gas, and sanitary services .....	.9932	.9945	.9990	1.0076	1.0109	1.0104	1.0025	.9993
<b>Wholesale trade<sup>1</sup></b>								
Durable goods .....	.9962	.9984	1.0016	1.0067	1.0063	1.0040	.9991	.9991
Nondurable goods .....	.9893	.9947	1.0016	1.0078	1.0073	1.0075	1.0073	1.0077
<b>Retail trade<sup>1</sup></b>								
Building materials and garden supplies .....	.9652	1.0070	1.0380	1.0464	1.0352	1.0248	1.0059	1.0011
General merchandise stores .....	.9600	.9621	.9659	.9778	.9791	.9832	.9912	1.0148
Department stores .....	.9615	.9595	.9605	.9754	.9795	.9857	.9945	1.0145
Food stores .....	.9864	.9895	.9982	1.0077	1.0062	1.0042	1.0009	1.0010
Automotive dealers and service stations .....	.9912	.9961	1.0035	1.0101	1.0119	1.0112	1.0067	1.0024
New and used car dealers .....	.9967	.9977	1.0001	1.0029	1.0046	1.0048	1.0058	1.0034
Apparel and accessory stores .....	.9719	.9747	.9802	.9913	.9920	1.0009	.9850	.9926
Furniture and home furnishings stores .....	.9929	.9918	.9913	.9904	.9893	.9902	.9905	.9998
Eating and drinking places .....	.9811	.9975	1.0204	1.0313	1.0219	1.0282	1.0195	.9957
Miscellaneous retail establishments .....	.9794	.9808	.9920	.9852	.9829	.9863	.9933	1.0047

See footnotes at end of table.

**Table 1. Revised seasonal adjustment factors for employees on nonfarm payrolls by industry—Continued**

Industry	1996							
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>Finance, insurance, and real estate<sup>1</sup></b>								
Finance <sup>1</sup>								
Depository institutions .....	0.9968	0.9960	0.9978	1.0058	1.0078	1.0087	1.0003	0.9961
Commercial banks .....	.9958	.9946	.9971	1.0067	1.0090	1.0093	.9998	.9961
Savings institutions .....	1.0015	.9999	.9992	1.0018	1.0059	1.0035	.9961	.9955
Nondepository institutions .....	1.0035	1.0010	1.0014	1.0049	1.0038	1.0008	.9969	.9940
Security and commodity brokers .....	.9975	.9963	.9955	1.0044	1.0097	1.0052	.9995	.9966
Holding and other investment offices .....	1.0038	1.0006	.9998	1.0056	1.0063	1.0016	.9972	.9968
Insurance <sup>1</sup>								
Insurance carriers .....	1.0002	.9989	.9987	1.0031	1.0049	1.0040	.9987	.9977
Insurance agents, brokers, and service .....	.9994	.9968	.9991	1.0036	1.0046	1.0030	.9982	.9979
Real estate .....	.9766	.9870	1.0025	1.0286	1.0365	1.0361	1.0116	.9988
<b>Services<sup>1</sup></b>								
Agricultural services .....	.8954	1.0111	1.0884	1.1155	1.1091	1.0922	1.0565	1.0381
Hotels and other lodging places .....	.9616	.9713	1.0076	1.0557	1.0820	1.0862	1.0307	1.0015
Personal services .....	1.0541	1.0495	.9797	.9773	.9656	.9633	.9736	.9755
Business services .....								
Services to buildings .....	.9839	.9879	.9928	1.0015	1.0027	1.0109	1.0148	1.0219
Personnel supply services .....	.9929	.9959	1.0002	1.0098	1.0064	1.0101	1.0041	1.0008
Help supply services .....	.9673	.9774	.9848	.9956	1.0017	1.0224	1.0362	1.0512
Computer and data processing services .....	.9659	.9759	.9835	.9936	1.0016	1.0235	1.0386	1.0540
Auto repair, services, and parking .....	1.0030	1.0006	.9969	.9998	.9995	1.0008	.9986	.9972
Miscellaneous repair services .....	.9989	1.0004	1.0027	1.0099	1.0085	1.0061	1.0045	.9990
Motion pictures .....	.9924	.9971	1.0040	1.0079	1.0125	1.0092	1.0036	1.0063
Amusement and recreation services .....	1.0124	1.0098	1.0064	1.0048	1.0115	1.0298	.9677	.9782
Health services .....	.9194	.9876	1.0468	1.1550	1.1724	1.1651	1.0554	.9663
Offices and clinics of medical doctors .....	.9985	.9979	.9976	1.0023	1.0035	1.0030	.9993	1.0002
Nursing and personal care facilities .....	.9979	.9970	.9969	1.0024	1.0037	1.0057	1.0000	1.0003
Hospitals .....	.9979	.9964	.9959	1.0009	1.0031	1.0043	1.0013	1.0012
Home health care services .....	.9990	.9983	.9979	1.0025	1.0043	1.0023	.9987	.9994
Legal services .....	.9959	.9939	1.0021	1.0026	1.0010	1.0005	1.0056	1.0026
Educational services <sup>2</sup> .....	.9962	.9952	.9941	1.0162	1.0149	1.0060	.9928	.9952
Social services .....	1.0630	1.0625	1.0190	.9106	.8705	.8578	.9801	1.0656
Child day care services .....	1.0038	1.0034	1.0064	.9981	.9965	.9900	.9937	1.0013
Residential care .....	1.0254	1.0286	1.0331	.9748	.9065	.9066	1.0111	1.0232
Museums and botanical and zoological gardens .....	.9976	.9959	1.0002	1.0089	1.0093	1.0085	.9951	.9959
Membership organizations <sup>2</sup> .....	.9344	.9777	1.0250	1.0814	1.0913	1.0788	1.0312	1.0134
Engineering and management services .....	.9935	.9942	.9984	1.0157	1.0302	1.0163	.9921	.9958
Engineering and architectural services .....	1.0035	1.0046	.9971	1.0058	1.0087	1.0059	.9960	.9968
Management and public relations .....	.9886	.9924	1.0004	1.0108	1.0167	1.0170	1.0044	1.0029
Services, nec .....	.9970	.9989	1.0011	1.0092	1.0111	1.0085	1.0034	1.0017
	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Government<sup>1</sup></b>								
Federal <sup>1</sup>								
Postal Service .....	.9964	.9950	.9938	1.0014	.9946	.9950	.9908	.9965
Federal, except Postal Service .....	.9965	.9973	1.0013	1.0131	1.0151	1.0119	1.0038	.9944
State <sup>1</sup>								
Education .....	1.0758	1.0715	1.0300	.9078	.8456	.8489	.9619	1.0680
Other State government .....	.9948	.9963	.9990	1.0133	1.0200	1.0105	1.0007	.9955
Local <sup>1</sup>								
Education .....	1.0574	1.0527	1.0587	1.0050	.8284	.8158	.9733	1.0374
Other local government .....	.9826	.9844	.9917	1.0282	1.0561	1.0375	.9981	.9867

<sup>1</sup> Seasonally adjusted data are derived by aggregation of the component series.

<sup>2</sup> No adjustment was made to control for the effects of a 4- vs. 5-week interval between surveys.

<sup>3</sup> Seasonal adjustment factors are not computed because the seasonal component, which is small relative to the trend-cycle

and irregular components, cannot be separated with sufficient precision.

NOTE: These factors replace those published in the June 1996 issue of this publication. All factors are multiplicative. Seasonally adjusted series are computed by dividing the original value by the corresponding seasonal factor.

**Table 2. Revised seasonal adjustment factors for women employees on nonfarm payrolls by industry**

Industry	1996							
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>Total<sup>1</sup></b>								
<b>Mining</b> .....	0.9876	0.9883	0.9838	1.0113	1.0196	1.0139	1.0084	1.0058
<b>Construction<sup>2</sup></b> .....	.9777	.9884	.9974	1.0132	1.0208	1.0209	1.0204	1.0149
<b>Manufacturing<sup>1</sup></b>								
<b>Durable goods<sup>1</sup></b>								
Lumber and wood products .....	.9835	.9901	1.0004	1.0085	1.0051	1.0108	1.0103	1.0084
Furniture and fixtures .....	1.0001	1.0025	1.0054	1.0039	.9723	.9931	.9996	1.0034
Stone, clay, and glass products .....	.9868	.9935	1.0039	1.0136	.9987	1.0084	1.0163	1.0116
Primary metal industries .....	.9956	.9980	1.0051	1.0021	.9988	1.0033	1.0021	.9984
Fabricated metal products .....	.9989	.9991	1.0001	1.0065	.9874	.9983	1.0035	1.0021
Industrial machinery and equipment .....	1.0010	1.0017	1.0024	1.0062	.9991	.9954	.9950	.9967
Electronic and other electrical equipment .....	.9978	.9973	1.0003	1.0012	.9917	.9989	1.0001	1.0023
Transportation equipment .....	.9960	.9989	1.0027	1.0023	.9965	.9958	1.0044	1.0000
Instruments and related products .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Miscellaneous manufacturing .....	.9929	.9953	.9979	1.0052	.9766	1.0054	1.0169	1.0263
<b>Nondurable goods<sup>1</sup></b>								
Food and kindred products .....	.9555	.9535	.9606	.9915	1.0281	1.0763	1.0734	1.0410
Tobacco products .....	.9629	.9170	.8611	.8741	.8777	1.0826	1.1084	1.0931
Textile mill products .....	.9957	1.0005	1.0051	1.0064	.9920	1.0095	1.0072	1.0047
Apparel and other textile products .....	.9950	.9980	1.0059	1.0111	.9713	1.0089	1.0122	1.0097
Paper and allied products .....	.9888	.9923	.9930	1.0105	1.0134	1.0169	1.0079	1.0027
Printing and publishing .....	1.0011	1.0006	.9998	1.0004	.9987	.9965	.9954	.9968
Chemicals and allied products .....	.9941	.9946	.9956	1.0095	1.0051	1.0075	1.0027	1.0008
Petroleum and coal products .....	.9774	.9841	.9893	1.0167	1.0233	1.0281	1.0087	1.0074
Rubber and misc. plastics products .....	1.0017	.9989	1.0015	1.0097	.9822	.9960	.9982	1.0051
Leather and leather products <sup>4</sup> .....	.9904	.9918	.9991	1.0053	.9697	1.0161	1.0206	1.0185
<b>Transportation and public utilities</b> .....	.9982	.9977	1.0025	1.0033	.9889	.9877	1.0053	1.0065
<b>Wholesale trade</b> .....	.9941	.9949	1.0008	1.0025	1.0009	.9998	1.0026	1.0060
<b>Retail trade</b> .....	.9738	.9830	.9976	1.0061	1.0011	1.0057	1.0039	1.0034
<b>Finance, insurance, and real estate</b> .....	.9972	.9974	.9986	1.0066	1.0087	1.0083	.9992	.9965
<b>Services</b> .....	.9989	1.0019	1.0019	1.0035	1.0009	1.0004	1.0018	1.0060
<b>Government<sup>1</sup></b>								
Federal .....	.9955	.9959	.9987	1.0100	1.0096	1.0086	1.0014	.9952
State .....	1.0300	1.0277	1.0158	.9680	.9424	.9353	.9841	1.0240
Local .....	1.0343	1.0319	1.0379	1.0125	.8929	.8785	.9801	1.0218

<sup>1</sup> Seasonally adjusted data are derived by aggregation of the component series.

<sup>2</sup> No adjustment was made to control for the effects of a 4- vs. 5-week interval between surveys.

<sup>3</sup> Seasonal adjustment factors are not computed because the seasonal component, which is small relative to the trend-cycle and irregular components, cannot be separated with sufficient precision.

<sup>4</sup> No ARIMA models were identified to extend the unadjusted series for one year. Factors shown are projected using X-12 without the ARIMA option and without an adjustment to control for the effects of a 4- vs. 5-week interval between surveys.

NOTE: These factors replace those published in the June 1996 issue of this publication. All factors are multiplicative. Seasonally adjusted series are computed by dividing the original value by the corresponding seasonal factor.

**Table 3. Revised seasonal adjustment factors for production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by industry**

Industry	1996							
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>Total private<sup>2</sup></b>								
<b>Mining</b> .....	0.9745	0.9849	0.9908	1.0064	1.0205	1.0208	1.0181	1.0182
<b>Construction<sup>3</sup></b> .....	.9063	.9629	1.0136	1.0507	1.0722	1.0794	1.0699	1.0664
<b>Manufacturing<sup>2</sup></b>								
<b>Durable goods<sup>2</sup></b>								
Lumber and wood products .....	.9789	.9822	.9924	1.0126	1.0141	1.0201	1.0209	1.0118
Furniture and fixtures .....	1.0008	1.0003	.9972	1.0038	.9738	.9984	1.0008	1.0057
Stone, clay, and glass products .....	.9722	.9981	1.0142	1.0264	1.0200	1.0261	1.0260	1.0187
Primary metal industries .....	1.0005	1.0008	1.0013	1.0020	.9885	.9978	1.0021	.9998
Blast furnaces and basic steel products .....	.9953	.9951	.9948	1.0014	1.0047	1.0060	1.0050	.9971
Fabricated metal products .....	.9984	.9992	1.0018	1.0058	.9871	.9973	1.0043	1.0040
Industrial machinery and equipment .....	1.0054	1.0030	1.0031	1.0055	.9936	.9923	.9997	.9956
Electronic and other electrical equipment .....	.9997	.9980	.9978	1.0039	.9889	.9958	.9996	1.0024
Transportation equipment .....	1.0036	1.0075	1.0131	1.0043	.9796	.9861	.9996	1.0004
Motor vehicles and equipment .....	1.0033	1.0120	1.0077	1.0086	.9723	.9747	.9997	1.0015
Instruments and related products .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Miscellaneous manufacturing .....	.9949	.9971	.9975	1.0038	.9801	1.0066	1.0171	1.0239
<b>Nondurable goods<sup>2</sup></b>								
Food and kindred products .....	.9642	.9598	.9697	.9973	1.0248	1.0643	1.0599	1.0334
Tobacco products .....	.9575	.9290	.8889	.8936	.8881	1.0473	1.0875	1.0798
Textile mill products .....	.9971	1.0019	1.0040	1.0083	.9889	1.0060	1.0053	1.0014
Apparel and other textile products .....	.9987	1.0001	1.0062	1.0113	.9689	1.0065	1.0110	1.0109
Paper and allied products .....	.9919	.9932	.9971	1.0105	1.0076	1.0110	1.0066	1.0002
Printing and publishing .....	1.0011	1.0011	.9993	.9989	.9968	.9993	.9973	.9970
Chemicals and allied products .....	.9975	.9972	.9950	1.0067	1.0031	1.0067	1.0026	.9995
Petroleum and coal products .....	.9685	.9922	1.0105	1.0269	1.0299	1.0344	1.0215	1.0215
Rubber and misc. plastics products .....	1.0009	1.0000	1.0017	1.0083	.9874	.9989	1.0007	1.0040
Leather and leather products .....	.9941	.9948	1.0000	1.0090	.9481	1.0187	1.0168	1.0156
<b>Transportation and public utilities</b> .....	.9897	.9925	1.0017	1.0072	.9989	.9991	1.0088	1.0102
<b>Wholesale trade</b> .....	.9916	.9959	1.0010	1.0088	1.0086	1.0068	1.0034	1.0038
<b>Retail trade</b> .....	.9769	.9862	1.0009	1.0097	1.0060	1.0091	1.0050	1.0009
<b>Finance, insurance, and real estate</b> .....	.9922	.9944	.9991	1.0119	1.0164	1.0151	1.0016	.9964
<b>Services</b> .....	.9942	1.0009	1.0034	1.0092	1.0093	1.0075	1.0035	1.0062

<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> Seasonally adjusted data are derived by aggregation of the component series.

<sup>3</sup> No adjustment was made to control for the effects of a 4- vs. 5-week interval between surveys.

<sup>4</sup> Seasonal adjustment factors are not computed because the seasonal component, which is small relative to the trend-cycle and irregular components, cannot be separated with sufficient precision.

NOTE: These factors replace those published in the June 1996 issue of this publication. All factors are multiplicative. Seasonally adjusted series are computed by dividing the original value by the corresponding seasonal factor.

**Table 4. Revised seasonal adjustment factors for average weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by industry**

Industry	1996							
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>Total private<sup>2</sup></b>								
<b>Goods-producing<sup>2</sup></b>								
<b>Mining</b> .....	0.9851	0.9986	1.0005	1.0030	0.9971	1.0102	1.0167	1.0108
<b>Construction<sup>3</sup></b> .....	.9837	.9926	1.0201	1.0230	1.0288	1.0276	1.0326	1.0245
<b>Manufacturing<sup>2</sup></b>								
<b>Durable goods<sup>2</sup></b>								
Lumber and wood products .....	.9941	.9984	1.0048	1.0088	.9908	1.0112	1.0132	1.0140
Furniture and fixtures .....	.9896	.9868	.9840	.9996	.9874	1.0117	1.0214	1.0164
Stone, clay, and glass products .....	.9879	.9959	1.0090	1.0132	1.0062	1.0184	1.0233	1.0165
Primary metal industries .....	.9980	.9931	.9970	1.0029	.9909	.9916	1.0065	.9981
Blast furnaces and basic steel products <sup>4</sup> .....	.9960	.9982	.9974	1.0006	1.0021	.9952	1.0084	.9946
Fabricated metal products .....	.9978	.9873	.9939	1.0015	.9802	1.0032	1.0148	1.0093
Industrial machinery and equipment .....	1.0075	.9883	1.0000	1.0004	.9847	.9968	1.0067	.9998
Electronic and other electrical equipment .....	.9993	.9924	.9942	.9992	.9826	.9962	1.0084	1.0057
Transportation equipment .....	1.0027	.9878	.9991	1.0014	.9716	.9917	1.0091	1.0092
Motor vehicles and equipment .....	1.0055	.9860	.9871	1.0008	.9538	.9798	1.0091	1.0102
Instruments and related products .....	1.0044	.9986	.9975	1.0018	.9896	.9968	1.0017	.9991
Miscellaneous manufacturing .....	1.0024	.9938	.9916	.9990	.9798	1.0036	1.0104	1.0136
<b>Nondurable goods<sup>2</sup></b>								
Food and kindred products .....	.9843	.9789	.9868	.9970	1.0030	1.0218	1.0302	1.0101
Tobacco products .....	.9768	.9751	1.0132	1.0429	.9825	1.0065	1.0304	1.0396
Textile mill products .....	.9976	.9959	.9990	1.0111	.9848	1.0108	1.0128	1.0058
Apparel and other textile products .....	1.0022	.9961	1.0034	1.0075	.9922	1.0067	1.0040	1.0055
Paper and allied products <sup>5</sup> .....	.9924	.9881	.9907	.9983	.9962	1.0012	1.0097	1.0064
Printing and publishing .....	1.0011	.9938	.9931	.9938	.9934	1.0059	1.0113	1.0078
Chemicals and allied products <sup>4</sup> .....	1.0002	.9980	.9954	.9989	.9919	.9907	1.0057	1.0004
Petroleum and coal products .....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Rubber and misc. plastics products .....	1.0001	.9916	.9973	1.0040	.9833	.9986	1.0076	1.0039
Leather and leather products .....	.9975	.9976	.9982	1.0145	.9850	1.0029	1.0066	1.0118
<b>Service-producing<sup>2</sup></b>								
<b>Transportation and public utilities<sup>7</sup></b> .....	.9901	.9944	1.0027	1.0030	1.0107	1.0106	1.0037	1.0045
<b>Wholesale trade<sup>3</sup></b> .....	.9950	.9990	1.0040	1.0029	1.0029	1.0023	1.0013	1.0049
<b>Retail trade<sup>4</sup></b> .....	.9853	.9917	.9979	1.0126	1.0295	1.0245	1.0046	.9991
<b>Finance, insurance, and real estate</b> .....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Services</b> .....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</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> Seasonally adjusted data are derived by aggregation of the component series.

<sup>3</sup> No adjustment was made to control for the effects of a 4- vs. 5-week interval between surveys.

<sup>4</sup> No moving-holiday adjustment was done for April or September because there was no evidence of significant effects associated with the relative timing of Easter or Labor Day, respectively, and the reference period of the payroll survey.

<sup>5</sup> No moving-holiday adjustment was done for September because there was no evidence of significant effects associated

with the relative timing of Labor Day and the reference period of the payroll survey.

<sup>6</sup> Seasonal adjustment factors are not computed because the seasonal component, which is small relative to the trend-cycle and irregular components, cannot be separated with sufficient precision.

<sup>7</sup> No ARIMA models were identified to extend the unadjusted series for one year. Factors shown are projected using X-12 without the ARIMA option and without an adjustment to control for the effects of a 4- vs. 5-week interval between surveys.

NOTE: These factors replace those published in the June 1996 issue of this publication. All factors are multiplicative. Seasonally adjusted series are computed by dividing the original value by the corresponding seasonal factor.

**Table 5. Revised seasonal adjustment factors for average weekly overtime hours of production workers on manufacturing payrolls**

Industry	1996							
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>Manufacturing<sup>1</sup></b>								
<b>Durable goods</b> .....	0.9810	0.9114	0.9249	0.9891	0.9377	1.0333	1.0971	1.0517
<b>Nondurable goods</b> .....	.9469	.9140	.9441	.9862	1.0070	1.0872	1.1380	1.0685

<sup>1</sup> Seasonally adjusted data are derived by aggregation of the component series.

NOTE: These factors replace those published in the June

1996 issue of this publication. All factors are multiplicative. Seasonally adjusted series are computed by dividing the original value by the corresponding seasonal factor.

**Table 6. Revised seasonal adjustment factors for average hourly earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by industry**

Industry	1996							
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>Total private<sup>2</sup></b>								
<b>Goods-producing<sup>2</sup></b>								
<b>Mining</b> .....	1.0035	1.0074	0.9991	0.9990	0.9944	0.9925	1.0012	0.9930
<b>Construction<sup>3</sup></b> .....	.9928	.9943	.9977	.9945	1.0014	1.0036	1.0112	1.0108
<b>Manufacturing</b> .....	.9992	.9990	.9987	.9982	.9998	.9922	1.0002	.9974
<b>Excluding overtime</b> .....	1.0021	1.0017	1.0020	.9983	1.0013	.9914	.9965	.9956
<b>Service-producing<sup>2</sup></b>								
<b>Transportation and public utilities</b> .....	.9977	1.0001	.9952	.9944	.9992	.9961	1.0035	1.0036
<b>Wholesale trade<sup>4</sup></b> .....	.9977	1.0041	1.0007	.9951	.9992	.9953	.9999	1.0002
<b>Retail trade</b> .....	1.0020	1.0030	.9983	.9964	.9948	.9928	1.0045	1.0016
<b>Finance, insurance, and real estate</b> .....	1.0046	1.0091	.9994	.9925	.9940	.9901	.9958	1.0010
<b>Services</b> .....	1.0047	1.0058	.9991	.9900	.9865	.9845	1.0002	1.0020

<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> Seasonally adjusted data are derived by aggregation of the component series.

<sup>3</sup> No adjustment was made to control for the effects of a 4- vs. 5-week interval between surveys.

<sup>4</sup> No ARIMA models were identified to extend the unadjusted series for one year. Factors shown are projected using X-12 without the ARIMA option and without an adjustment to control for the effects of a 4- vs. 5-week interval between surveys.

NOTE: These factors replace those published in the June 1996 issue of this publication. All factors are multiplicative. Seasonally adjusted series are computed by dividing the original value by the corresponding seasonal factor.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Category	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>Labor force status</b>													
Civilian noninstitutional population .....	199,005	199,192	199,355	199,508	199,634	199,773	199,921	200,101	200,278	200,459	200,641	200,847	201,061
Civilian labor force .....	132,501	132,473	132,471	132,352	132,903	133,018	133,655	133,361	133,910	133,669	134,181	133,885	134,340
Percent of population .....	66.6	66.5	66.4	66.3	66.6	66.6	66.9	66.6	66.9	66.7	66.9	66.7	66.8
Employed .....	125,036	125,244	125,062	124,981	125,226	125,663	126,151	126,095	126,462	126,610	126,884	127,055	127,368
Percent of population .....	62.8	62.9	62.7	62.6	62.7	62.9	63.1	63.0	63.1	63.2	63.2	63.3	63.3
Unemployed .....	7,465	7,229	7,409	7,371	7,677	7,355	7,504	7,266	7,448	7,060	7,297	6,830	6,971
Not in labor force .....	66,504	66,719	66,884	67,156	66,730	66,754	66,266	66,741	66,368	66,790	66,460	66,962	66,721
<b>Unemployment rates</b>													
All workers .....	5.6	5.5	5.6	5.6	5.8	5.5	5.6	5.4	5.6	5.3	5.4	5.1	5.2
Men, 20 years and over .....	4.8	4.5	4.9	4.8	4.9	4.9	5.0	4.8	4.8	4.6	4.7	4.2	4.5
Women, 20 years and over .....	4.9	5.0	4.8	4.7	5.1	4.8	4.8	4.7	5.0	4.6	4.9	4.6	4.5
Both sexes, 16 to 19 years .....	17.7	17.1	17.8	18.0	18.2	16.6	17.5	16.7	16.4	15.9	16.4	17.2	15.6
White .....	4.9	4.8	5.0	4.9	5.0	4.9	4.8	4.7	4.9	4.6	4.7	4.4	4.5
Black .....	11.1	10.0	9.6	10.2	10.6	10.3	11.1	10.5	10.2	10.1	10.5	10.5	10.5
Hispanic origin .....	9.1	9.3	9.3	9.3	9.2	9.7	10.0	9.7	9.2	8.8	9.0	8.7	8.2

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

(Numbers in thousands)

Industry	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>	Sept. <sup>P</sup>
<b>Employment</b>													
Total .....	117,623	117,749	117,899	118,136	118,070	118,579	118,750	118,922	119,332	119,537	119,772	120,029	119,989
Total private .....	98,298	98,410	98,561	98,789	98,734	99,214	99,356	99,527	99,873	100,091	100,288	100,438	100,479
Goods-producing industries .....	24,176	24,151	24,133	24,160	24,112	24,254	24,196	24,209	24,263	24,274	24,264	24,295	24,245
Mining .....	574	573	569	570	569	573	574	573	576	575	570	571	569
Construction .....	5,187	5,200	5,211	5,223	5,234	5,349	5,341	5,353	5,384	5,401	5,427	5,438	5,447
Manufacturing .....	18,415	18,378	18,353	18,367	18,309	18,332	18,281	18,283	18,303	18,298	18,267	18,286	18,229
Service-producing industries .....	93,447	93,598	93,766	93,976	93,958	94,325	94,554	94,713	95,069	95,263	95,508	95,734	95,744
Transportation and public utilities .....	6,194	6,212	6,233	6,249	6,254	6,270	6,292	6,294	6,309	6,329	6,333	6,340	6,343
Wholesale trade .....	6,451	6,465	6,478	6,498	6,512	6,529	6,548	6,550	6,567	6,575	6,585	6,598	6,603
Retail trade .....	21,258	21,263	21,300	21,334	21,268	21,340	21,350	21,415	21,485	21,568	21,671	21,676	21,698
Finance, insurance, and real estate .....	6,842	6,859	6,871	6,887	6,894	6,919	6,931	6,942	6,964	6,967	6,987	6,998	7,005
Services .....	33,377	33,460	33,546	33,661	33,694	33,902	34,039	34,117	34,285	34,378	34,448	34,531	34,585
Government .....	19,325	19,339	19,338	19,347	19,336	19,365	19,394	19,395	19,459	19,446	19,484	19,591	19,510
<b>Over-the-month change</b>													
Total .....	124	126	150	237	-66	509	171	172	410	205	235	257	-40
Total private .....	168	112	151	228	-55	480	142	171	346	218	197	150	41
Goods-producing industries .....	-3	-25	-18	27	-48	142	-58	13	54	11	-10	31	-50
Mining .....	-2	-1	-4	1	-1	4	1	-1	3	-1	-5	1	-2
Construction .....	23	13	11	12	11	115	-8	12	31	17	26	11	9
Manufacturing .....	-24	-37	-25	14	-58	23	-51	2	20	-5	-31	19	-57
Service-producing industries .....	127	151	168	210	-18	367	229	159	356	194	245	226	10
Transportation and public utilities .....	7	18	21	16	5	16	22	2	15	20	4	7	3
Wholesale trade .....	14	14	13	20	14	17	19	2	17	8	10	13	5
Retail trade .....	33	5	37	34	-66	72	10	65	70	83	103	5	22
Finance, insurance, and real estate .....	9	17	12	16	7	25	12	11	22	3	20	11	7
Services .....	108	83	86	115	33	208	137	78	168	93	70	83	54
Government .....	-44	14	-1	9	-11	29	29	1	64	-13	38	107	-81
<b>Hours of work<sup>1</sup></b>													
Total private .....	34.4	34.5	34.4	34.3	33.8	34.5	34.5	34.3	34.2	34.7	34.2	34.4	34.7
Manufacturing .....	41.5	41.4	41.5	41.2	40.0	41.4	41.3	41.5	41.7	41.8	41.6	41.7	41.8
Overtime .....	4.4	4.3	4.3	4.2	4.1	4.3	4.3	4.6	4.6	4.6	4.4	4.5	4.5
<b>Indexes of aggregate weekly hours (1982=100)<sup>1</sup></b>													
Total private .....	134.0	134.3	134.3	134.3	131.7	135.5	135.5	135.2	135.3	137.7	136.1	136.9	138.0
Manufacturing .....	106.6	106.2	106.1	105.6	102.0	105.9	105.2	105.7	106.2	106.5	105.8	106.2	106.1
<b>Earnings<sup>1</sup></b>													
Average hourly earnings, total private:													
Current dollars .....	\$11.52	\$11.55	\$11.59	\$11.61	\$11.62	\$11.65	\$11.68	\$11.72	\$11.74	\$11.83	\$11.81	\$11.87	\$11.92
Constant (1982) dollars <sup>2</sup> .....	7.42	7.42	7.44	7.44	7.41	7.42	7.40	7.39	7.44	7.41	7.41	7.45	N.A.
Average weekly earnings, total private .....	396.29	398.48	398.70	398.22	392.76	401.93	402.96	402.00	401.51	410.50	403.90	408.33	\$413.62

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

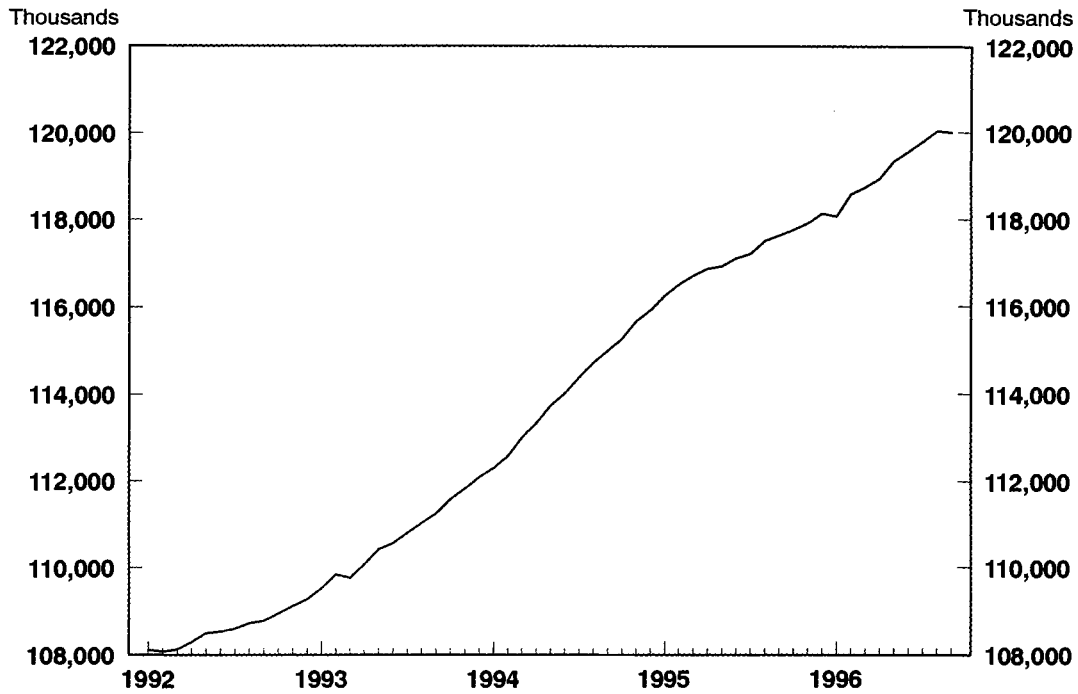
N.A. = not available.

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

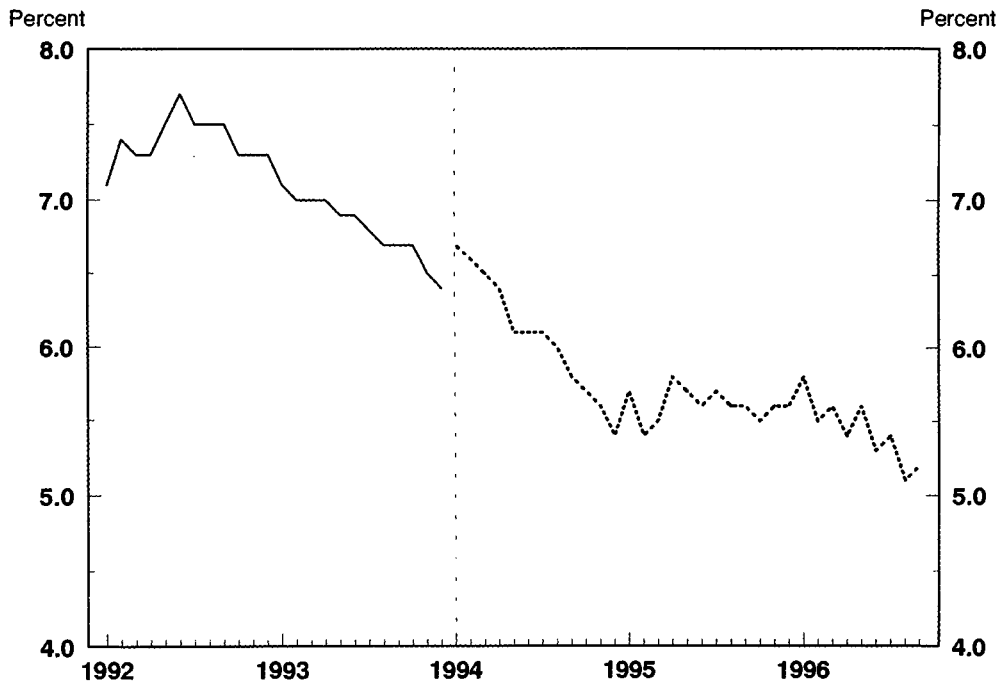
<sup>P</sup> = preliminary.



**Chart 1. Nonfarm payroll employment, seasonally adjusted, 1992-96**



**Chart 2. Unemployment rate, seasonally adjusted, 1992-96**



NOTE: Beginning in 1994, household data reflect the introduction of a major redesign of the Current Population Survey questionnaire and collection methodology and are not directly comparable with data for prior years. Moreover, beginning in 1990, these data reflect 1990 census-based population controls, adjusted for the estimated undercount.

**HOUSEHOLD DATA  
HISTORICAL**

**A-1. Employment status of the civilian noninstitutional population 16 years and over, 1962 to date**

(Numbers in thousands)

Year and month	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Number	Percent of population	Employed				Unemployed		
				Number	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
<b>Annual averages</b>										
1962 <sup>1</sup>	120,153	70,614	58.8	66,702	55.5	4,944	61,759	3,911	5.5	49,539
1963	122,416	71,833	58.7	67,762	55.4	4,687	63,076	4,070	5.7	50,583
1964	124,485	73,091	58.7	69,305	55.7	4,523	64,782	3,786	5.2	51,394
1965	126,513	74,455	58.9	71,088	56.2	4,361	66,726	3,366	4.5	52,058
1966	128,058	75,770	59.2	72,895	56.9	3,979	68,915	2,875	3.8	52,288
1967	129,874	77,347	59.6	74,372	57.3	3,844	70,527	2,975	3.8	52,527
1968	132,028	78,737	59.6	75,920	57.5	3,817	72,103	2,817	3.6	53,291
1969	134,335	80,734	60.1	77,902	58.0	3,606	74,296	2,832	3.5	53,602
1970	137,085	82,771	60.4	78,678	57.4	3,463	75,215	4,093	4.9	54,315
1971	140,216	84,382	60.2	79,367	56.6	3,394	75,972	5,016	5.9	55,834
1972 <sup>1</sup>	144,126	87,034	60.4	82,153	57.0	3,484	78,669	4,882	5.6	57,091
1973 <sup>1</sup>	147,096	89,429	60.8	85,064	57.8	3,470	81,594	4,365	4.9	57,667
1974	150,120	91,949	61.3	86,794	57.8	3,515	83,279	5,156	5.6	58,171
1975	153,153	93,775	61.2	85,846	56.1	3,408	82,438	7,929	8.5	59,377
1976	156,150	96,158	61.6	88,752	56.8	3,331	85,421	7,406	7.7	59,991
1977	159,033	99,009	62.3	92,017	57.9	3,283	88,734	6,991	7.1	60,025
1978 <sup>1</sup>	161,910	102,251	63.2	96,048	59.3	3,387	92,661	6,202	6.1	59,659
1979	164,863	104,962	63.7	98,824	59.9	3,347	95,477	6,137	5.8	59,900
1980	167,745	106,940	63.8	99,303	59.2	3,364	95,938	7,637	7.1	60,806
1981	170,130	108,670	63.9	100,397	59.0	3,368	97,030	8,273	7.6	61,460
1982	172,271	110,204	64.0	99,526	57.8	3,401	96,125	10,678	9.7	62,067
1983	174,215	111,550	64.0	100,834	57.9	3,383	97,450	10,717	9.6	62,665
1984	176,383	113,544	64.4	105,005	59.5	3,321	101,685	8,539	7.5	62,839
1985	178,206	115,461	64.8	107,150	60.1	3,179	103,971	8,312	7.2	62,744
1986 <sup>1</sup>	180,587	117,834	65.3	109,597	60.7	3,163	106,434	8,237	7.0	62,752
1987	182,753	119,865	65.6	112,440	61.5	3,208	109,232	7,425	6.2	62,888
1988	184,613	121,669	65.9	114,968	62.3	3,169	111,800	6,701	5.5	62,944
1989	186,393	123,869	66.5	117,342	63.0	3,199	114,142	6,528	5.3	62,523
1990 <sup>2</sup>	189,164	125,840	66.5	118,793	62.8	3,223	115,570	7,047	5.6	63,324
1991	190,925	126,346	66.2	117,718	61.7	3,269	114,449	8,628	6.8	64,578
1992	192,805	128,105	66.4	118,492	61.5	3,247	115,245	9,613	7.5	64,700
1993	194,838	129,200	66.3	120,259	61.7	3,115	117,144	8,940	6.9	65,638
1994 <sup>2</sup>	196,814	131,056	66.6	123,060	62.5	3,409	119,651	7,996	6.1	65,758
1995	198,584	132,304	66.6	124,900	62.9	3,440	121,460	7,404	5.6	66,280
<b>Monthly data, seasonally adjusted<sup>3</sup></b>										
<b>1995:</b>										
September	199,005	132,501	66.6	125,036	62.8	3,335	121,701	7,465	5.6	66,504
October	199,192	132,473	66.5	125,244	62.9	3,434	121,810	7,229	5.5	66,719
November	199,355	132,471	66.4	125,062	62.7	3,323	121,739	7,409	5.6	66,884
December	199,508	132,352	66.3	124,981	62.6	3,325	121,656	7,371	5.6	67,156
<b>1996:</b>										
January	199,634	132,903	66.6	125,226	62.7	3,529	121,698	7,677	5.8	66,730
February	199,773	133,018	66.6	125,663	62.9	3,519	122,143	7,355	5.5	66,754
March	199,921	133,655	66.9	126,151	63.1	3,487	122,664	7,504	5.6	66,266
April	200,101	133,361	66.6	126,095	63.0	3,368	122,726	7,266	5.4	66,741
May	200,278	133,910	66.9	126,462	63.1	3,491	122,971	7,448	5.6	66,368
June	200,459	133,669	66.7	126,610	63.2	3,382	123,228	7,060	5.3	66,790
July	200,641	134,181	66.9	126,884	63.2	3,502	123,382	7,297	5.4	66,460
August	200,847	133,885	66.7	127,055	63.3	3,421	123,635	6,830	5.1	66,962
September	201,061	134,340	66.8	127,368	63.3	3,535	123,833	6,971	5.2	66,721

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

<sup>2</sup> Data, beginning in 1994, are not strictly comparable with data for 1993 and prior years because of the introduction of a major redesign of the Current Population Survey (household survey) questionnaire and collection methodology. For additional information, see "Revisions in the Current

Population Survey Effective January 1994" in the February 1994 issue of this publication. Beginning in 1990, data incorporate 1990 census-based population controls, adjusted for the estimated undercount. For additional information, see "Revisions in Household Survey Data Effective February 1996" in the March 1996 issue of this publication.

<sup>3</sup> The population figures are not adjusted for seasonal variation.

**A-2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1985 to date**

(Numbers in thousands)

Sex, year, and month	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Number	Percent of population	Employed				Unemployed		
				Number	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
<b>Annual averages</b>										
<b>MEN</b>										
1985	84,469	64,411	76.3	59,891	70.9	2,535	57,356	4,521	7.0	20,058
1986 <sup>1</sup>	85,798	65,422	76.3	60,892	71.0	2,511	58,381	4,530	6.9	20,376
1987	86,899	66,207	76.2	62,107	71.5	2,543	59,564	4,101	6.2	20,692
1988	87,857	66,927	76.2	63,273	72.0	2,493	60,780	3,655	5.5	20,930
1989	88,762	67,840	76.4	64,315	72.5	2,513	61,802	3,525	5.2	20,923
1990	90,377	69,011	76.4	65,104	72.0	2,546	62,559	3,906	5.7	21,367
1991	91,278	69,168	75.8	64,223	70.4	2,589	61,634	4,946	7.2	22,110
1992	92,270	69,964	75.8	64,440	69.8	2,575	61,866	5,523	7.9	22,306
1993	93,332	70,404	75.4	65,349	70.0	2,478	62,871	5,055	7.2	22,927
1994 <sup>2</sup>	94,355	70,817	75.1	66,450	70.4	2,554	63,896	4,367	6.2	23,538
1995	95,178	71,360	75.0	67,377	70.8	2,559	64,818	3,983	5.6	23,818
<b>Monthly data, seasonally adjusted<sup>3</sup></b>										
<b>1995:</b>										
September	95,397	71,348	74.8	67,328	70.6	2,506	64,822	4,020	5.6	24,049
October	95,492	71,238	74.6	67,416	70.6	2,562	64,854	3,822	5.4	24,254
November	95,580	71,208	74.5	67,177	70.3	2,462	64,715	4,031	5.7	24,372
December	95,661	71,182	74.4	67,162	70.2	2,445	64,717	4,020	5.6	24,479
<b>1996:</b>										
January	95,713	71,593	74.8	67,501	70.5	2,619	64,881	4,092	5.7	24,120
February	95,786	71,743	74.9	67,764	70.7	2,617	65,147	3,979	5.5	24,043
March	95,864	72,030	75.1	67,856	70.8	2,590	65,266	4,174	5.8	23,834
April	95,955	71,935	75.0	67,933	70.8	2,519	65,414	4,002	5.6	24,020
May	96,048	72,241	75.2	68,278	71.1	2,599	65,678	3,964	5.5	23,807
June	96,140	72,121	75.0	68,283	71.0	2,505	65,779	3,837	5.3	24,019
July	96,230	72,375	75.2	68,400	71.1	2,603	65,797	3,975	5.5	23,855
August	96,335	71,973	74.7	68,442	71.0	2,549	65,893	3,531	4.9	24,362
September	96,447	72,102	74.8	68,319	70.8	2,609	65,710	3,783	5.2	24,345
<b>Annual averages</b>										
<b>WOMEN</b>										
1985	93,736	51,050	54.5	47,259	50.4	644	46,615	3,791	7.4	42,686
1986 <sup>1</sup>	94,789	52,413	55.3	48,706	51.4	652	48,054	3,707	7.1	42,376
1987	95,853	53,658	56.0	50,334	52.5	666	49,668	3,324	6.2	42,195
1988	96,756	54,742	56.6	51,696	53.4	676	51,020	3,046	5.6	42,014
1989	97,630	56,030	57.4	53,027	54.3	687	52,341	3,003	5.4	41,601
1990	98,787	56,829	57.5	53,689	54.3	678	53,011	3,140	5.5	41,957
1991	99,646	57,178	57.4	53,496	53.7	680	52,815	3,683	6.4	42,468
1992	100,535	58,141	57.8	54,052	53.8	672	53,380	4,090	7.0	42,394
1993	101,506	58,795	57.9	54,910	54.1	637	54,273	3,885	6.6	42,711
1994 <sup>2</sup>	102,460	60,239	58.8	56,610	55.3	655	55,755	3,629	6.0	42,221
1995	103,406	60,944	58.9	57,523	55.6	881	56,642	3,421	5.6	42,462
<b>Monthly data, seasonally adjusted<sup>3</sup></b>										
<b>1995:</b>										
September	103,608	61,153	59.0	57,708	55.7	829	56,879	3,445	5.6	42,455
October	103,700	61,235	59.1	57,828	55.8	872	56,956	3,407	5.6	42,465
November	103,775	61,263	59.0	57,885	55.8	861	57,024	3,378	5.5	42,512
December	103,847	61,170	58.9	57,819	55.7	880	56,939	3,351	5.5	42,677
<b>1996:</b>										
January	103,921	61,310	59.0	57,725	55.5	909	56,816	3,585	5.8	42,610
February	103,986	61,275	58.9	57,899	55.7	902	56,997	3,376	5.5	42,711
March	104,058	61,625	59.2	58,294	56.0	897	57,397	3,331	5.4	42,433
April	104,146	61,426	59.0	58,161	55.8	849	57,312	3,264	5.3	42,721
May	104,230	61,669	59.2	58,184	55.6	891	57,293	3,485	5.7	42,561
June	104,319	61,548	59.0	58,326	55.9	877	57,449	3,222	5.2	42,771
July	104,411	61,806	59.2	58,484	56.0	899	57,585	3,322	5.4	42,605
August	104,512	61,912	59.2	58,613	56.1	871	57,742	3,299	5.3	42,600
September	104,614	62,238	59.5	59,049	56.4	926	58,123	3,189	5.1	42,376

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

<sup>2</sup> Data, beginning in 1994, are not strictly comparable with data for 1993 and prior years because of the introduction of a major redesign of the Current Population Survey (household survey) questionnaire and collection methodology. For additional

information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of this publication. Beginning in 1990, data incorporate 1990 census-based population controls, adjusted for the estimated undercount. For additional information, see "Revisions in Household Survey Data Effective February 1996" in the March 1996 issue of this publication.

<sup>3</sup> The population figures are not adjusted for seasonal variation.



## U.S. DEPARTMENT OF LABOR

Robert B. Reich, *Secretary*

BUREAU OF LABOR STATISTICS

Katharine G. Abraham, *Commissioner*

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Vol. 43 No. 10

### Calendar of Features

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

#### Household data

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

#### Establishment data

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

#### State and area labor force data

Annual revisions	March
Annual averages	May

<sup>1</sup> A new bulletin is forthcoming.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, sex, and age	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	199,005	199,192	199,355	199,508	199,634	199,773	199,921	200,101	200,278	200,459	200,641	200,847	201,061
Civilian labor force .....	132,501	132,473	132,471	132,352	132,903	133,018	133,655	133,361	133,910	133,669	134,181	133,885	134,340
Percent of population .....	66.6	66.5	66.4	66.3	66.6	66.6	66.6	66.6	66.9	66.7	66.9	66.7	66.8
Employed .....	125,036	125,244	125,062	124,981	125,226	125,663	126,151	126,095	126,462	126,610	126,884	127,055	127,368
Employment-population ratio .....	62.8	62.9	62.7	62.6	62.7	62.9	63.1	63.0	63.2	63.2	63.2	63.3	63.3
Unemployed .....	7,465	7,229	7,409	7,371	7,677	7,355	7,504	7,266	7,448	7,060	7,297	6,830	6,971
Unemployment rate .....	5.6	5.5	5.6	5.6	5.8	5.5	5.6	5.4	5.6	5.3	5.4	5.1	5.2
<b>Men, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	95,397	95,492	95,580	95,661	95,713	95,786	95,864	95,955	96,048	96,140	96,230	96,335	96,447
Civilian labor force .....	71,348	71,238	71,208	71,182	71,593	71,743	72,030	71,935	72,241	72,121	72,375	71,973	72,102
Percent of population .....	74.8	74.6	74.5	74.4	74.8	74.9	75.1	75.0	75.2	75.0	75.2	74.7	74.8
Employed .....	67,328	67,416	67,177	67,162	67,501	67,764	67,856	67,933	68,278	68,283	68,400	68,442	68,319
Employment-population ratio .....	70.6	70.6	70.3	70.2	70.5	70.7	70.8	70.8	71.1	71.0	71.1	71.0	70.8
Agriculture .....	2,506	2,562	2,462	2,445	2,619	2,617	2,590	2,519	2,599	2,505	2,603	2,549	2,609
Nonagricultural industries .....	64,822	64,854	64,715	64,717	64,881	65,147	65,266	65,414	65,678	65,779	65,797	65,893	65,710
Unemployed .....	4,020	3,822	4,031	4,020	4,092	3,979	4,174	4,002	3,964	3,837	3,975	3,531	3,783
Unemployment rate .....	5.6	5.4	5.7	5.6	5.7	5.5	5.8	5.6	5.5	5.3	5.5	4.9	5.2
Not in labor force .....	24,049	24,254	24,372	24,479	24,120	24,043	23,834	24,020	23,807	24,019	23,855	24,362	24,345
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	87,940	88,027	88,046	88,172	88,223	88,296	88,366	88,440	88,530	88,570	88,614	88,650	88,733
Civilian labor force .....	67,286	67,193	67,171	67,133	67,563	67,719	67,980	67,821	68,064	68,118	68,274	68,114	68,072
Percent of population .....	76.5	76.3	76.3	76.1	76.6	76.7	76.9	76.7	76.9	76.9	77.0	76.8	76.7
Employed .....	64,023	64,146	63,901	63,879	64,246	64,425	64,594	64,555	64,818	64,962	65,094	65,286	64,978
Employment-population ratio .....	72.8	72.9	72.6	72.4	72.8	73.0	73.1	73.0	73.2	73.3	73.5	73.6	73.2
Agriculture .....	2,296	2,351	2,259	2,252	2,399	2,382	2,403	2,292	2,337	2,292	2,381	2,352	2,377
Nonagricultural industries .....	61,727	61,795	61,642	61,627	61,847	62,043	62,191	62,263	62,481	62,669	62,713	62,933	62,601
Unemployed .....	3,263	3,047	3,270	3,254	3,317	3,294	3,386	3,266	3,246	3,157	3,179	2,829	3,094
Unemployment rate .....	4.8	4.5	4.9	4.8	4.9	4.9	5.0	4.8	4.8	4.6	4.7	4.2	4.5
Not in labor force .....	20,654	20,834	20,875	21,039	20,659	20,577	20,386	20,619	20,466	20,452	20,340	20,536	20,661
<b>Women, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	103,608	103,700	103,775	103,847	103,921	103,986	104,058	104,146	104,230	104,319	104,411	104,512	104,614
Civilian labor force .....	61,153	61,235	61,263	61,170	61,310	61,275	61,625	61,426	61,669	61,548	61,806	61,912	62,238
Percent of population .....	59.0	59.1	59.0	58.9	59.0	58.9	59.2	59.0	59.2	59.0	59.2	59.2	59.5
Employed .....	57,708	57,828	57,885	57,819	57,725	57,899	58,294	58,161	58,184	58,326	58,484	58,613	59,049
Employment-population ratio .....	55.7	55.8	55.8	55.7	55.5	55.7	56.0	55.8	55.8	55.9	56.0	56.1	56.4
Agriculture .....	829	872	861	880	909	902	897	849	891	877	899	871	926
Nonagricultural industries .....	56,879	56,956	57,024	56,939	56,816	56,997	57,397	57,312	57,293	57,449	57,585	57,742	58,123
Unemployed .....	3,445	3,407	3,378	3,351	3,585	3,376	3,331	3,264	3,485	3,222	3,322	3,299	3,189
Unemployment rate .....	5.6	5.6	5.5	5.5	5.8	5.5	5.4	5.3	5.7	5.2	5.4	5.3	5.1
Not in labor force .....	42,455	42,465	42,512	42,677	42,610	42,711	42,433	42,721	42,561	42,771	42,605	42,600	42,376
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	96,409	96,487	96,555	96,633	96,717	96,757	96,798	96,857	96,925	96,999	97,064	97,146	97,226
Civilian labor force .....	57,387	57,516	57,502	57,426	57,591	57,570	57,903	57,763	57,915	57,893	58,102	58,225	58,356
Percent of population .....	59.5	59.6	59.6	59.4	59.5	59.5	59.8	59.6	59.8	59.7	59.9	59.9	60.0
Employed .....	54,568	54,661	54,752	54,715	54,642	54,790	55,146	55,060	55,014	55,211	55,266	55,522	55,711
Employment-population ratio .....	56.6	56.7	56.7	56.6	56.5	56.6	57.0	56.8	56.8	56.9	56.9	57.2	57.3
Agriculture .....	778	816	806	816	857	851	844	813	831	842	863	829	881
Nonagricultural industries .....	53,790	53,845	53,946	53,899	53,785	53,938	54,303	54,247	54,183	54,369	54,403	54,693	54,831
Unemployed .....	2,819	2,855	2,750	2,711	2,949	2,780	2,757	2,704	2,901	2,682	2,837	2,704	2,645
Unemployment rate .....	4.9	5.0	4.8	4.7	5.1	4.8	4.8	4.7	5.0	4.6	4.9	4.6	4.5
Not in labor force .....	39,022	38,971	39,053	39,207	39,126	39,188	38,895	39,093	39,010	39,106	38,962	38,920	38,870
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	14,657	14,678	14,754	14,703	14,694	14,719	14,757	14,805	14,823	14,890	14,963	15,051	15,101
Civilian labor force .....	7,828	7,764	7,798	7,793	7,749	7,729	7,772	7,776	7,932	7,658	7,805	7,545	7,911
Percent of population .....	53.4	52.9	52.9	53.0	52.7	52.5	52.7	52.5	53.5	51.4	52.2	50.1	52.4
Employed .....	6,445	6,437	6,409	6,387	6,338	6,448	6,411	6,480	6,630	6,437	6,524	6,248	6,679
Employment-population ratio .....	44.0	43.9	43.4	43.4	43.1	43.8	43.4	43.8	44.7	43.2	43.6	41.5	44.2
Agriculture .....	261	267	258	257	273	286	240	263	323	248	258	240	278
Nonagricultural industries .....	6,184	6,170	6,151	6,130	6,065	6,161	6,171	6,217	6,308	6,189	6,266	6,008	6,401
Unemployed .....	1,383	1,327	1,389	1,406	1,412	1,282	1,362	1,296	1,301	1,221	1,280	1,297	1,232
Unemployment rate .....	17.7	17.1	17.8	18.0	18.2	16.6	17.5	16.7	16.4	15.9	16.4	17.2	15.6
Not in labor force .....	6,829	6,914	6,956	6,910	6,945	6,990	6,984	7,028	6,891	7,232	7,158	7,506	7,190

<sup>1</sup> The population figures are not adjusted for seasonal variation.  
NOTE: Detail for the seasonally adjusted data shown in tables A-3

through A-12 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	167,200	167,327	167,441	167,545	167,669	167,757	167,853	167,973	168,098	168,222	168,345	168,489	168,639
Civilian labor force .....	112,113	112,147	112,023	111,987	112,198	112,747	112,970	112,613	113,109	112,941	113,076	112,832	113,316
Percent of population .....	67.1	67.0	66.9	66.8	66.9	67.2	67.3	67.0	67.3	67.1	67.2	67.0	67.2
Employed .....	106,666	106,761	106,451	106,445	106,576	107,244	107,497	107,319	107,612	107,757	107,772	107,828	108,256
Employment-population ratio .....	63.8	63.8	63.6	63.5	63.6	63.9	64.0	63.9	64.0	64.1	64.0	64.0	64.2
Unemployed .....	5,447	5,386	5,572	5,542	5,623	5,502	5,473	5,294	5,497	5,184	5,304	5,004	5,060
Unemployment rate .....	4.9	4.8	5.0	4.9	5.0	4.9	4.8	4.7	4.9	4.6	4.7	4.4	4.5
<b>Men, 20 years and over</b>													
Civilian labor force .....	57,715	57,717	57,679	57,693	57,894	58,162	58,309	58,202	58,340	58,426	58,456	58,354	58,303
Percent of population .....	76.9	76.9	76.8	76.8	77.0	77.3	77.5	77.3	77.4	77.5	77.5	77.3	77.1
Employed .....	55,250	55,383	55,150	55,206	55,438	55,688	55,795	55,778	55,914	56,047	56,079	56,174	56,008
Employment-population ratio .....	73.7	73.8	73.4	73.5	73.7	74.0	74.1	74.1	74.2	74.3	74.3	74.4	74.1
Unemployed .....	2,465	2,334	2,529	2,487	2,456	2,475	2,514	2,424	2,426	2,379	2,376	2,179	2,295
Unemployment rate .....	4.3	4.0	4.4	4.3	4.2	4.3	4.3	4.2	4.2	4.1	4.1	3.7	3.9
<b>Women, 20 years and over</b>													
Civilian labor force .....	47,876	47,909	47,832	47,772	47,727	47,968	48,136	47,884	48,103	47,956	47,981	48,124	48,286
Percent of population .....	59.3	59.4	59.2	59.1	59.0	59.3	59.5	59.2	59.4	59.2	59.2	59.3	59.5
Employed .....	45,851	45,820	45,796	45,722	45,604	45,892	46,141	45,937	45,976	46,063	46,009	46,217	46,406
Employment-population ratio .....	56.8	56.8	56.7	56.6	56.4	56.8	57.0	56.8	56.8	56.9	56.8	57.0	57.2
Unemployed .....	2,025	2,089	2,036	2,050	2,123	2,076	1,995	1,947	2,128	1,894	1,972	1,907	1,881
Unemployment rate .....	4.2	4.4	4.3	4.3	4.4	4.3	4.1	4.1	4.4	3.9	4.1	4.0	3.9
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	6,522	6,521	6,512	6,522	6,577	6,616	6,525	6,527	6,666	6,558	6,639	6,354	6,726
Percent of population .....	56.6	56.5	56.3	56.2	56.6	56.8	55.8	55.7	56.6	55.5	56.0	53.5	56.4
Employed .....	5,565	5,558	5,505	5,517	5,533	5,665	5,561	5,604	5,723	5,647	5,684	5,437	5,842
Employment-population ratio .....	48.3	48.1	47.6	47.5	47.6	48.6	47.8	47.8	48.6	47.8	48.0	45.7	49.0
Unemployed .....	957	963	1,007	1,005	1,044	951	964	923	943	911	955	917	885
Unemployment rate .....	14.7	14.8	15.5	15.4	15.9	14.4	14.8	14.1	14.1	13.9	14.4	14.4	13.2
Men .....	15.8	16.8	16.4	16.0	16.6	15.2	16.0	15.2	15.2	14.7	16.6	15.6	14.5
Women .....	13.4	12.5	14.5	14.7	15.1	13.4	13.4	12.9	12.9	13.0	12.0	13.2	11.8
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	23,323	23,357	23,389	23,419	23,424	23,455	23,485	23,519	23,549	23,579	23,611	23,650	23,690
Civilian labor force .....	14,820	14,856	15,006	14,959	14,993	14,827	15,030	14,971	15,149	14,955	15,279	15,361	15,167
Percent of population .....	63.5	63.6	64.2	63.9	64.0	63.2	64.0	63.7	64.3	63.4	64.7	65.0	64.0
Employed .....	13,181	13,370	13,558	13,436	13,409	13,302	13,358	13,399	13,599	13,451	13,671	13,750	13,569
Employment-population ratio .....	56.5	57.2	58.0	57.4	57.2	56.7	56.9	57.0	57.7	57.0	57.9	58.1	57.3
Unemployed .....	1,639	1,486	1,448	1,523	1,584	1,525	1,673	1,573	1,551	1,504	1,609	1,611	1,597
Unemployment rate .....	11.1	10.0	9.6	10.2	10.6	10.3	11.1	10.5	10.2	10.1	10.5	10.5	10.5
<b>Men, 20 years and over</b>													
Civilian labor force .....	6,727	6,676	6,664	6,683	6,748	6,775	6,790	6,696	6,786	6,728	6,867	6,890	6,849
Percent of population .....	72.3	71.7	71.8	71.5	72.2	72.3	72.4	71.3	72.2	71.5	72.9	73.2	72.7
Employed .....	6,096	6,125	6,108	6,062	6,141	6,089	6,049	6,055	6,136	6,110	6,233	6,326	6,177
Employment-population ratio .....	65.5	65.7	65.8	64.9	65.7	65.0	64.5	64.5	65.3	64.9	66.2	67.2	65.6
Unemployed .....	631	551	556	621	607	686	741	641	650	617	634	564	672
Unemployment rate .....	9.4	8.3	8.3	9.3	9.0	10.1	10.9	9.6	9.6	9.2	9.2	8.2	9.8
<b>Women, 20 years and over</b>													
Civilian labor force .....	7,122	7,259	7,366	7,317	7,343	7,193	7,287	7,300	7,373	7,373	7,504	7,511	7,417
Percent of population .....	60.8	61.9	62.7	62.2	62.4	61.1	61.8	61.9	62.4	62.4	63.4	63.4	62.5
Employed .....	6,478	6,637	6,789	6,751	6,678	6,630	6,674	6,687	6,758	6,743	6,830	6,824	6,794
Employment-population ratio .....	55.3	56.6	57.8	57.4	56.8	56.3	56.6	56.7	57.2	57.0	57.7	57.6	57.3
Unemployed .....	644	622	577	566	665	563	613	613	615	630	674	687	623
Unemployment rate .....	9.0	8.6	7.8	7.7	9.1	7.8	8.4	8.4	8.3	8.5	9.0	9.1	8.4

See footnotes at end of table.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1995				1996								
	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 .....	971	921	976	959	902	860	954	976	990	854	908	960	901
Percent of population .....	42.1	39.9	41.2	41.4	39.1	37.2	41.1	41.9	42.3	36.4	38.5	40.2	37.5
Employed .....	607	608	661	623	590	583	635	657	705	598	607	599	598
Employment-population ratio .....	26.3	26.3	27.9	26.9	25.6	25.2	27.4	28.2	30.1	25.4	25.8	25.1	24.9
Unemployed .....	364	313	315	336	312	276	319	319	286	256	301	361	303
Unemployment rate .....	37.5	34.0	32.3	35.0	34.6	32.1	33.5	32.7	28.9	30.0	33.1	37.6	33.6
Men .....	36.0	35.3	33.7	39.0	39.1	30.6	38.2	34.1	27.4	35.3	43.3	38.6	36.6
Women .....	38.9	32.7	30.8	31.4	30.4	33.6	28.4	31.3	30.2	25.0	20.9	36.5	30.7
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> .....	18,752	18,800	18,845	18,889	18,929	18,977	19,025	19,080	19,131	19,184	19,238	19,292	19,346
Civilian labor force .....	12,369	12,410	12,374	12,391	12,655	12,666	12,571	12,511	12,514	12,576	12,641	12,877	12,822
Percent of population .....	66.0	66.0	65.7	65.6	66.9	66.7	66.1	65.6	65.4	65.6	65.7	66.7	66.3
Employed .....	11,247	11,251	11,227	11,237	11,493	11,432	11,308	11,294	11,365	11,472	11,500	11,750	11,766
Employment-population ratio .....	60.0	59.8	59.6	59.5	60.7	60.2	59.4	59.2	59.4	59.8	59.8	60.9	60.8
Unemployed .....	1,122	1,159	1,147	1,154	1,162	1,234	1,262	1,217	1,149	1,104	1,141	1,127	1,057
Unemployment rate .....	9.1	9.3	9.3	9.3	9.2	9.7	10.0	9.7	9.2	8.8	9.0	8.7	8.2

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

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

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

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Full- and part-time status, sex, and age	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>EMPLOYED</b>													
Full-time workers .....	101,817	102,128	102,285	102,233	101,957	102,594	102,618	102,711	103,390	103,325	103,619	103,730	104,378
Men, 16 years and over .....	59,891	60,070	59,916	60,012	59,844	60,144	60,193	60,345	60,900	60,718	60,906	60,970	61,115
Men, 20 years and over .....	58,652	58,880	58,678	58,827	58,702	58,928	58,946	59,169	59,586	59,456	59,663	59,849	59,780
Women, 16 years and over .....	41,929	42,013	42,315	42,161	42,058	42,359	42,427	42,367	42,488	42,700	42,775	42,741	43,260
Women, 20 years and over .....	41,126	41,170	41,520	41,352	41,265	41,560	41,646	41,623	41,607	41,871	41,927	41,982	42,435
Both sexes, 16 to 19 years .....	2,039	2,078	2,087	2,054	1,989	2,106	2,025	1,919	2,196	1,998	2,029	1,899	2,163
Part-time workers .....	23,322	23,176	23,001	22,950	23,188	23,013	23,326	23,239	23,035	23,247	23,248	23,359	23,072
Men, 16 years and over .....	7,557	7,343	7,302	7,254	7,591	7,490	7,540	7,519	7,345	7,611	7,528	7,497	7,312
Men, 20 years and over .....	5,437	5,329	5,319	5,227	5,521	5,375	5,498	5,276	5,185	5,479	5,460	5,509	5,224
Women, 16 years and over .....	15,774	15,801	15,667	15,648	15,609	15,561	15,756	15,741	15,702	15,647	15,687	15,903	15,790
Women, 20 years and over .....	13,456	13,485	13,346	13,376	13,321	13,261	13,437	13,416	13,377	13,344	13,328	13,470	13,304
Both sexes, 16 to 19 years .....	4,429	4,362	4,336	4,347	4,346	4,378	4,390	4,547	4,474	4,424	4,459	4,380	4,544
<b>UNEMPLOYED</b>													
Looking for full-time work .....	5,955	5,846	5,977	5,938	6,116	5,853	6,014	5,843	5,969	5,672	5,825	5,363	5,611
Men, 16 years and over .....	3,448	3,352	3,457	3,443	3,345	3,238	3,465	3,368	3,322	3,234	3,303	2,956	3,309
Men, 20 years and over .....	3,020	2,856	3,045	3,037	2,989	3,009	3,111	3,021	2,953	2,903	2,908	2,560	2,915
Women, 16 years and over .....	2,547	2,596	2,552	2,535	2,714	2,525	2,513	2,473	2,637	2,449	2,542	2,439	2,328
Women, 20 years and over .....	2,258	2,328	2,240	2,219	2,412	2,251	2,216	2,190	2,364	2,247	2,351	2,161	2,063
Both sexes, 16 to 19 years .....	677	662	692	682	715	593	688	632	652	522	566	642	633
Looking for part-time work .....	1,473	1,457	1,452	1,450	1,472	1,516	1,499	1,427	1,455	1,389	1,505	1,476	1,359
Men, 16 years and over .....	608	624	624	636	590	685	668	625	616	624	690	613	506
Men, 20 years and over .....	251	238	242	249	233	307	288	240	278	259	277	271	193
Women, 16 years and over .....	864	847	845	828	864	836	800	811	837	767	807	853	842
Women, 20 years and over .....	530	535	515	481	539	511	537	525	530	438	517	542	566
Both sexes, 16 to 19 years .....	692	684	695	720	699	697	675	662	648	692	711	663	599
<b>UNEMPLOYMENT RATES<sup>1</sup></b>													
Full-time workers .....	5.5	5.4	5.5	5.5	5.7	5.4	5.5	5.4	5.5	5.2	5.3	4.9	5.1
Men, 16 years and over .....	5.4	5.3	5.5	5.4	5.3	5.1	5.4	5.3	5.2	5.1	5.1	4.6	5.1
Men, 20 years and over .....	4.9	4.6	4.9	4.9	4.8	4.9	5.0	4.9	4.7	4.7	4.6	4.1	4.6
Women, 16 years and over .....	5.7	5.8	5.7	5.7	6.1	5.6	5.6	5.5	5.8	5.4	5.6	5.4	5.1
Women, 20 years and over .....	5.2	5.4	5.1	5.1	5.5	5.1	5.1	5.0	5.4	5.1	5.3	4.9	4.6
Both sexes, 16 to 19 years .....	24.9	24.2	24.9	24.9	26.4	22.0	25.3	24.8	22.9	20.7	21.8	25.2	22.6
Part-time workers .....	5.9	5.9	5.9	5.9	6.0	6.2	6.0	5.8	5.9	5.6	6.1	5.9	5.6
Men, 16 years and over .....	7.4	7.8	7.9	8.1	7.2	8.4	8.1	7.7	7.7	7.6	8.4	7.6	6.5
Men, 20 years and over .....	4.4	4.3	4.4	4.5	4.1	5.4	5.0	4.3	5.1	4.5	4.8	4.7	3.6
Women, 16 years and over .....	5.2	5.1	5.1	5.0	5.2	5.1	4.8	4.9	5.1	4.7	4.9	5.1	5.1
Women, 20 years and over .....	3.8	3.8	3.7	3.5	3.9	3.7	3.8	3.8	3.8	3.2	3.7	3.9	4.1
Both sexes, 16 to 19 years .....	13.5	13.6	13.8	14.2	13.9	13.7	13.3	12.7	12.6	13.5	13.7	13.1	11.6

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



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(In thousands)

Category	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>MARITAL STATUS</b>													
Total .....	125,036	125,244	125,062	124,981	125,226	125,663	126,151	126,095	126,462	126,610	126,884	127,055	127,368
Married men, spouse present .....	42,178	42,281	42,081	42,058	42,171	42,339	42,178	42,067	42,406	42,587	42,478	42,622	42,265
Married women, spouse present .....	32,180	32,185	32,153	32,072	32,078	32,101	32,053	31,868	32,330	32,649	32,713	32,732	32,765
Women who maintain families .....	7,155	7,089	7,274	7,304	7,294	7,295	7,397	7,389	7,314	7,360	7,230	7,291	7,443
<b>OCCUPATION</b>													
Managerial and professional specialty .....	35,607	35,758	35,730	35,712	35,682	35,866	36,149	36,115	36,257	36,696	36,361	36,520	36,741
Technical, sales, and administrative support .....	37,504	37,337	37,291	36,999	37,057	37,328	37,782	37,638	37,681	37,683	37,795	37,858	37,801
Service occupations .....	16,932	16,994	16,947	16,964	16,755	16,727	16,714	16,939	17,312	17,215	17,418	17,397	17,533
Precision production, craft, and repair .....	13,486	13,459	13,344	13,445	13,615	13,786	13,618	13,595	13,439	13,572	13,439	13,701	13,717
Operators, fabricators, and laborers .....	18,002	18,034	18,213	18,264	18,257	18,147	18,058	18,124	18,282	18,137	18,392	18,075	18,047
Farming, forestry, and fishing .....	3,588	3,692	3,590	3,599	3,760	3,744	3,622	3,545	3,560	3,472	3,594	3,500	3,576
<b>CLASS OF WORKER</b>													
Agriculture:													
Wage and salary workers .....	1,754	1,806	1,750	1,755	1,964	1,954	1,859	1,862	2,026	1,900	1,863	1,802	1,833
Self-employed workers .....	1,525	1,543	1,514	1,521	1,547	1,531	1,572	1,484	1,456	1,457	1,564	1,528	1,597
Unpaid family workers .....	43	49	34	46	48	34	41	52	46	35	52	65	97
Nonagricultural industries:													
Wage and salary workers .....	112,586	112,777	112,722	112,618	112,568	113,165	113,461	113,527	114,032	114,130	114,294	114,634	114,908
Private industries .....	94,337	94,533	94,434	94,381	94,524	94,906	95,456	95,237	95,776	95,801	96,000	96,348	96,821
Private households .....	959	973	980	975	931	873	901	844	918	812	935	1,009	1,006
Other industries .....	93,378	93,560	93,454	93,406	93,593	94,032	94,555	94,393	94,858	94,989	95,065	95,339	95,814
Government .....	18,249	18,244	18,288	18,237	18,044	18,259	18,005	18,290	18,256	18,329	18,294	18,286	18,088
Self-employed workers .....	8,954	8,913	8,853	8,877	8,913	8,953	9,092	9,081	8,878	9,073	8,998	8,876	8,763
Unpaid family workers .....	112	102	105	106	85	116	102	101	124	136	130	121	127
<b>PERSONS AT WORK PART TIME<sup>1</sup></b>													
All industries:													
Part time for economic reasons .....	4,502	4,433	4,435	4,447	4,091	4,502	4,479	4,525	4,277	4,301	4,366	4,354	4,309
Slack work or business conditions .....	2,526	2,520	2,526	2,537	2,250	2,533	2,548	2,594	2,216	2,322	2,589	2,477	2,426
Could only find part-time work .....	1,706	1,652	1,648	1,615	1,509	1,621	1,596	1,571	1,719	1,569	1,494	1,610	1,616
Part time for noneconomic reasons .....	17,842	17,678	17,452	17,405	17,198	17,493	17,915	17,487	17,620	18,211	17,814	18,229	17,710
Nonagricultural industries:													
Part time for economic reasons .....	4,355	4,274	4,283	4,306	3,842	4,274	4,223	4,287	4,068	4,146	4,159	4,205	4,128
Slack work or business conditions .....	2,413	2,426	2,419	2,440	2,114	2,382	2,386	2,476	2,092	2,215	2,457	2,350	2,318
Could only find part-time work .....	1,675	1,610	1,622	1,583	1,472	1,607	1,561	1,534	1,663	1,542	1,479	1,600	1,574
Part time for noneconomic reasons .....	17,218	17,054	16,852	16,804	16,520	16,884	17,266	16,994	17,038	17,623	17,157	17,613	17,036

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

usually work full time but worked only 1 to 34 hours during the reference week for reasons such as holidays, illness, and bad weather.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-7. Employed persons by age and sex, seasonally adjusted**

(In thousands)

Age and sex	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over .....	125,036	125,244	125,062	124,981	125,226	125,663	126,151	126,095	126,462	126,610	126,884	127,055	127,368
16 to 24 years .....	18,634	18,640	18,608	18,542	18,422	18,552	18,701	18,758	18,809	18,506	18,528	18,256	18,834
16 to 19 years .....	6,445	6,437	6,409	6,387	6,338	6,448	6,411	6,480	6,630	6,437	6,524	6,248	6,679
16 to 17 years .....	2,594	2,570	2,560	2,544	2,513	2,574	2,645	2,661	2,647	2,667	2,644	2,544	2,723
18 to 19 years .....	3,860	3,862	3,845	3,852	3,786	3,864	3,754	3,816	3,960	3,820	3,886	3,669	3,967
20 to 24 years .....	12,189	12,203	12,199	12,155	12,084	12,105	12,290	12,278	12,179	12,069	12,004	12,008	12,156
25 years and over .....	106,337	106,651	106,440	106,443	106,754	107,065	107,363	107,300	107,599	108,207	108,436	108,892	108,504
25 to 54 years .....	91,186	91,263	91,306	91,360	91,531	91,740	91,915	92,088	92,261	92,781	92,935	93,233	93,078
55 years and over .....	15,218	15,316	15,204	15,119	15,153	15,326	15,416	15,231	15,356	15,459	15,497	15,524	15,421
Men, 16 years and over .....	67,328	67,416	67,177	67,162	67,501	67,764	67,856	67,933	68,278	68,283	68,400	68,442	68,319
16 to 24 years .....	9,859	9,775	9,763	9,766	9,789	9,721	9,755	9,798	9,909	9,725	9,726	9,530	9,717
16 to 19 years .....	3,305	3,270	3,276	3,283	3,254	3,339	3,263	3,379	3,460	3,322	3,306	3,156	3,341
16 to 17 years .....	1,325	1,307	1,282	1,301	1,257	1,311	1,330	1,334	1,353	1,336	1,281	1,211	1,349
18 to 19 years .....	1,983	1,970	1,991	1,992	1,966	2,026	1,937	2,033	2,084	2,037	2,022	1,909	1,998
20 to 24 years .....	6,554	6,505	6,487	6,483	6,535	6,383	6,493	6,420	6,449	6,403	6,420	6,374	6,376
25 years and over .....	57,462	57,696	57,404	57,378	57,697	58,023	58,065	58,121	58,290	58,561	58,706	58,964	58,610
25 to 54 years .....	49,076	49,101	48,980	49,010	49,247	49,503	49,419	49,580	49,668	49,859	50,033	50,162	49,973
55 years and over .....	8,412	8,530	8,463	8,423	8,419	8,510	8,634	8,581	8,685	8,734	8,680	8,706	8,620
Women, 16 years and over .....	57,708	57,828	57,885	57,819	57,725	57,899	58,294	58,161	58,184	58,326	58,484	58,613	59,049
16 to 24 years .....	8,775	8,865	8,845	8,776	8,633	8,831	8,946	8,960	8,900	8,781	8,802	8,726	9,117
16 to 19 years .....	3,140	3,167	3,133	3,104	3,084	3,109	3,148	3,102	3,170	3,116	3,219	3,092	3,338
16 to 17 years .....	1,269	1,263	1,278	1,243	1,256	1,264	1,314	1,327	1,294	1,331	1,364	1,333	1,373
18 to 19 years .....	1,877	1,892	1,854	1,860	1,820	1,838	1,817	1,783	1,876	1,783	1,864	1,760	1,969
20 to 24 years .....	5,635	5,698	5,712	5,672	5,549	5,722	5,798	5,858	5,730	5,666	5,584	5,634	5,779
25 years and over .....	48,875	48,955	49,036	49,065	49,056	49,042	49,297	49,180	49,309	49,646	49,731	49,928	49,894
25 to 54 years .....	42,110	42,162	42,326	42,350	42,284	42,237	42,496	42,508	42,593	42,922	42,902	43,071	43,105
55 years and over .....	6,806	6,786	6,741	6,696	6,734	6,816	6,782	6,650	6,670	6,725	6,818	6,817	6,800

**A-8. Unemployed persons by age and sex, seasonally adjusted**

(In thousands)

Age and sex	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over .....	7,465	7,229	7,409	7,371	7,677	7,355	7,504	7,266	7,448	7,060	7,297	6,830	6,971
16 to 24 years .....	2,687	2,594	2,572	2,640	2,750	2,616	2,659	2,517	2,608	2,453	2,563	2,380	2,386
16 to 19 years .....	1,383	1,327	1,389	1,406	1,412	1,282	1,362	1,296	1,301	1,221	1,280	1,297	1,232
16 to 17 years .....	654	657	646	673	649	642	637	613	639	627	637	602	564
18 to 19 years .....	719	687	739	737	767	645	722	689	658	593	640	698	675
20 to 24 years .....	1,304	1,267	1,183	1,234	1,339	1,334	1,298	1,221	1,306	1,232	1,283	1,083	1,153
25 years and over .....	4,778	4,660	4,848	4,796	4,825	4,762	4,865	4,735	4,822	4,614	4,720	4,459	4,587
25 to 54 years .....	4,201	4,164	4,243	4,223	4,311	4,212	4,233	4,174	4,266	4,032	4,105	3,945	4,096
55 years and over .....	557	558	590	561	550	573	611	518	570	571	607	493	528
Men, 16 years and over .....	4,020	3,822	4,031	4,020	4,092	3,979	4,174	4,002	3,964	3,837	3,975	3,531	3,783
16 to 24 years .....	1,451	1,444	1,432	1,454	1,446	1,464	1,508	1,441	1,468	1,372	1,492	1,237	1,306
16 to 19 years .....	757	775	761	766	776	685	787	736	717	681	795	702	689
16 to 17 years .....	346	357	355	360	361	363	362	358	339	345	408	341	307
18 to 19 years .....	401	414	409	405	415	328	426	389	379	338	389	362	383
20 to 24 years .....	694	669	671	688	670	779	720	706	750	691	696	535	618
25 years and over .....	2,571	2,399	2,622	2,605	2,548	2,544	2,661	2,562	2,496	2,469	2,466	2,307	2,466
25 to 54 years .....	2,235	2,122	2,281	2,281	2,279	2,259	2,330	2,299	2,201	2,134	2,115	2,005	2,210
55 years and over .....	331	296	321	304	310	305	315	267	298	321	345	291	287
Women, 16 years and over .....	3,445	3,407	3,378	3,351	3,585	3,376	3,331	3,264	3,485	3,222	3,322	3,299	3,189
16 to 24 years .....	1,236	1,150	1,140	1,186	1,304	1,152	1,152	1,076	1,140	1,081	1,071	1,144	1,079
16 to 19 years .....	626	552	628	640	636	597	574	561	584	540	485	595	544
16 to 17 years .....	308	300	291	313	288	279	275	255	300	282	229	260	256
18 to 19 years .....	318	273	330	332	352	317	296	300	279	255	251	336	292
20 to 24 years .....	610	598	512	546	668	555	577	515	556	541	586	548	535
25 years and over .....	2,207	2,261	2,226	2,191	2,277	2,219	2,205	2,172	2,326	2,145	2,254	2,153	2,121
25 to 54 years .....	1,966	2,042	1,962	1,942	2,033	1,953	1,903	1,875	2,065	1,897	1,989	1,940	1,886
55 years and over .....	226	262	269	257	240	268	296	251	272	250	262	202	241

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

Age and sex	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over .....	5.6	5.5	5.6	5.6	5.8	5.5	5.6	5.4	5.6	5.3	5.4	5.1	5.2
16 to 24 years .....	12.6	12.2	12.1	12.5	13.0	12.4	12.4	11.8	12.2	11.7	12.2	11.5	11.2
16 to 19 years .....	17.7	17.1	17.8	18.0	18.2	16.6	17.5	16.7	16.4	15.9	16.4	17.2	15.6
16 to 17 years .....	20.1	20.4	20.1	20.9	20.5	20.0	19.4	18.7	19.4	19.0	19.4	19.1	17.2
18 to 19 years .....	15.7	15.1	16.1	16.1	16.9	14.3	16.1	15.3	14.2	13.4	14.1	16.0	14.5
20 to 24 years .....	9.7	9.4	8.8	9.2	10.0	9.9	9.5	9.0	9.7	9.3	9.7	8.3	8.7
25 years and over .....	4.3	4.2	4.4	4.3	4.3	4.3	4.3	4.2	4.3	4.1	4.2	3.9	4.1
25 to 54 years .....	4.4	4.4	4.4	4.4	4.5	4.4	4.4	4.3	4.4	4.2	4.2	4.1	4.2
55 years and over .....	3.5	3.5	3.7	3.6	3.5	3.6	3.8	3.3	3.6	3.6	3.8	3.1	3.3
Men, 16 years and over .....	5.6	5.4	5.7	5.6	5.7	5.5	5.8	5.6	5.5	5.3	5.5	4.9	5.2
16 to 24 years .....	12.8	12.9	12.8	13.0	12.9	13.1	13.4	12.8	12.9	12.4	13.3	11.5	11.9
16 to 19 years .....	18.6	19.2	18.9	18.9	19.2	17.0	19.4	17.9	17.2	17.0	19.4	18.2	17.1
16 to 17 years .....	20.7	21.5	21.7	21.7	22.3	21.7	21.4	21.2	20.0	20.5	24.2	22.0	18.6
18 to 19 years .....	16.8	17.4	17.0	16.9	17.4	13.9	18.0	16.1	15.4	14.2	16.1	15.9	16.1
20 to 24 years .....	9.6	9.3	9.4	9.6	9.3	10.9	10.0	9.9	10.4	9.7	9.8	7.7	8.8
25 years and over .....	4.3	4.0	4.4	4.3	4.2	4.2	4.4	4.2	4.1	4.0	4.0	3.8	4.0
25 to 54 years .....	4.4	4.1	4.4	4.4	4.4	4.4	4.5	4.4	4.2	4.1	4.1	3.8	4.2
55 years and over .....	3.8	3.4	3.7	3.5	3.5	3.5	3.5	3.0	3.3	3.5	3.8	3.2	3.2
Women, 16 years and over .....	5.6	5.6	5.5	5.5	5.8	5.5	5.4	5.3	5.7	5.2	5.4	5.3	5.1
16 to 24 years .....	12.3	11.5	11.4	11.9	13.1	11.5	11.4	10.7	11.4	11.0	10.9	11.6	10.6
16 to 19 years .....	16.6	14.8	16.7	17.1	17.1	16.1	15.4	15.3	15.6	14.8	13.1	16.2	14.0
16 to 17 years .....	19.5	19.2	18.5	20.1	18.7	18.1	17.3	16.1	18.8	17.5	14.4	16.3	15.7
18 to 19 years .....	14.5	12.6	15.1	15.1	16.2	14.7	14.0	14.4	12.9	12.5	11.8	16.0	12.9
20 to 24 years .....	9.8	9.5	8.2	8.8	10.8	8.8	9.1	8.1	8.8	8.7	9.5	8.9	8.5
25 years and over .....	4.3	4.4	4.3	4.3	4.4	4.3	4.3	4.2	4.5	4.1	4.3	4.1	4.1
25 to 54 years .....	4.5	4.6	4.4	4.4	4.6	4.4	4.3	4.2	4.6	4.2	4.4	4.3	4.2
55 years and over .....	3.2	3.7	3.8	3.7	3.4	3.8	4.2	3.6	3.9	3.6	3.7	2.9	3.4

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

Category	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>CHARACTERISTIC</b>													
Total .....	5.6	5.5	5.6	5.6	5.8	5.5	5.6	5.4	5.6	5.3	5.4	5.1	5.2
Men, 20 years and over .....	4.8	4.5	4.9	4.8	4.9	4.9	5.0	4.8	4.8	4.6	4.7	4.2	4.5
Women, 20 years and over .....	4.9	5.0	4.8	4.7	5.1	4.8	4.8	4.7	5.0	4.6	4.9	4.6	4.5
Both sexes, 16 to 19 years .....	17.7	17.1	17.8	18.0	18.2	16.6	17.5	16.7	16.4	15.9	16.4	17.2	15.6
White .....	4.9	4.8	5.0	4.9	5.0	4.9	4.8	4.7	4.9	4.6	4.7	4.4	4.5
Black and other .....	10.1	9.4	9.0	9.3	9.5	9.1	9.8	9.4	9.2	9.0	9.4	8.7	9.3
Black .....	11.1	10.0	9.6	10.2	10.6	10.3	11.1	10.5	10.2	10.1	10.5	10.5	10.5
Hispanic origin .....	9.1	9.3	9.3	9.3	9.2	9.7	10.0	9.7	9.2	8.8	9.0	8.7	8.2
Married men, spouse present .....	3.4	3.2	3.3	3.2	3.3	3.0	3.1	3.0	2.9	3.0	3.0	2.9	3.0
Married women, spouse present .....	3.9	3.9	3.8	3.8	4.0	3.8	3.5	3.7	3.8	3.6	3.5	3.2	3.3
Women who maintain families .....	8.0	7.9	7.7	6.8	8.2	7.5	7.7	6.8	8.7	7.6	9.1	8.8	8.3
<b>OCCUPATION<sup>1</sup></b>													
Managerial and professional specialty .....	2.4	2.4	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.4	2.5	2.1	2.3
Technical, sales, and administrative support .....	4.4	4.5	4.2	4.4	4.6	4.5	4.4	4.4	4.7	4.1	4.6	4.3	4.5
Precision production, craft, and repair .....	6.2	6.1	6.5	5.8	5.3	5.9	5.8	5.5	5.3	5.2	5.5	5.2	5.5
Operators, fabricators, and laborers .....	8.4	8.1	8.3	8.4	8.3	8.2	8.6	8.0	8.3	7.9	7.7	7.8	7.3
Farming, forestry, and fishing .....	7.4	8.3	7.8	7.7	8.4	7.7	7.9	8.0	9.1	7.7	6.3	5.8	7.0
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers .....	5.8	5.7	5.8	5.8	5.8	5.7	5.8	5.7	5.7	5.5	5.5	5.3	5.3
Goods-producing industries .....	6.6	6.5	6.7	6.5	6.3	6.4	6.5	6.1	6.2	6.1	5.9	5.6	5.4
Mining .....	3.3	8.7	7.0	8.1	5.2	6.5	6.8	4.4	2.1	4.7	2.8	4.4	5.1
Construction .....	12.4	11.7	12.0	11.5	10.7	11.2	10.0	10.2	10.0	9.5	10.1	8.8	9.1
Manufacturing .....	4.9	4.8	5.0	5.0	5.0	4.9	5.3	4.8	5.1	5.1	4.6	4.7	4.3
Durable goods .....	4.2	4.3	4.5	4.4	4.4	5.3	5.1	4.8	4.8	4.6	4.2	3.8	4.0
Nondurable goods .....	5.9	5.6	5.8	5.8	5.7	4.4	5.7	4.8	5.5	5.7	5.3	6.0	4.6
Service-producing industries .....	5.5	5.5	5.4	5.5	5.6	5.4	5.5	5.5	5.6	5.2	5.4	5.2	5.2
Transportation and public utilities .....	4.5	4.3	4.2	4.6	3.7	3.8	4.2	4.2	4.2	4.5	4.3	4.2	4.0
Wholesale and retail trade .....	6.9	6.3	6.3	6.4	6.8	6.3	6.9	6.6	6.6	6.4	6.3	6.3	6.0
Finance, insurance, and real estate .....	3.1	3.3	3.0	3.2	2.9	2.2	2.5	2.3	2.5	2.6	2.8	2.4	3.2
Services .....	5.2	5.5	5.5	5.5	5.7	5.7	5.4	5.6	5.7	5.1	5.5	5.2	5.3
Government workers .....	2.8	2.9	2.9	2.8	2.8	3.0	2.8	2.9	3.3	2.7	3.2	2.7	3.0
Agricultural wage and salary workers .....	11.6	12.2	12.0	12.6	10.5	10.7	10.7	10.9	10.0	9.2	8.6	7.4	11.0

<sup>1</sup> Seasonally adjusted data for service occupations are not available because the seasonal component, which is small relative to the trend-cycle

and irregular components, cannot be separated with sufficient precision.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Reason	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>NUMBER OF UNEMPLOYED</b>													
Job losers and persons who completed temporary jobs .....	3,422	3,457	3,485	3,484	3,606	3,595	3,564	3,625	3,388	3,431	3,343	3,054	3,225
On temporary layoff .....	967	1,018	1,049	1,012	1,132	1,032	1,027	1,116	1,154	990	953	889	1,059
Not on temporary layoff .....	2,455	2,439	2,436	2,472	2,474	2,564	2,537	2,509	2,234	2,441	2,391	2,165	2,167
Job leavers .....	875	762	857	881	869	747	782	702	661	676	749	773	807
Reentrants .....	2,551	2,506	2,504	2,466	2,458	2,517	2,588	2,379	2,784	2,419	2,529	2,448	2,404
New entrants .....	601	559	585	603	641	613	591	550	532	528	623	548	545
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs .....	45.9	47.5	46.9	46.9	47.6	48.1	47.4	50.0	46.0	48.6	46.1	44.8	46.2
On temporary layoff .....	13.0	14.0	14.1	13.6	14.9	13.8	13.6	15.4	15.7	14.0	13.1	13.0	15.2
Not on temporary layoff .....	33.0	33.5	32.8	33.3	32.7	34.3	33.7	34.6	30.3	34.6	33.0	31.7	31.0
Job leavers .....	11.7	10.5	11.5	11.9	11.5	10.0	10.4	9.7	9.0	9.6	10.3	11.3	11.6
Reentrants .....	34.2	34.4	33.7	33.2	32.5	33.7	34.4	32.8	37.8	34.3	34.9	35.9	34.4
New entrants .....	8.1	7.7	7.9	8.1	8.5	8.2	7.9	7.6	7.2	7.5	8.6	8.0	7.8
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers and persons who completed temporary jobs .....	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.5	2.6	2.5	2.3	2.4
Job leavers .....	.7	.6	.6	.7	.7	.6	.6	.5	.5	.5	.6	.6	.6
Reentrants .....	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.8	2.1	1.8	1.9	1.8	1.8
New entrants .....	.5	.4	.4	.5	.5	.5	.4	.4	.4	.4	.5	.4	.4

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

(Numbers in thousands)

Duration	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
<b>NUMBER OF UNEMPLOYED</b>													
Less than 5 weeks .....	2,786	2,744	2,767	2,717	2,784	2,793	2,623	2,412	2,815	2,485	2,701	2,486	2,446
5 to 14 weeks .....	2,317	2,348	2,383	2,431	2,413	2,280	2,298	2,337	2,334	2,160	2,322	2,129	2,245
15 weeks and over .....	2,323	2,281	2,305	2,322	2,370	2,307	2,479	2,388	2,336	2,435	2,319	2,248	2,279
15 to 26 weeks .....	1,054	1,010	1,057	1,085	1,118	1,126	1,164	1,106	1,020	1,116	958	978	1,054
27 weeks and over .....	1,269	1,271	1,248	1,237	1,252	1,181	1,316	1,282	1,317	1,319	1,361	1,270	1,225
Average (mean) duration, in weeks .....	16.3	16.2	16.3	16.2	16.0	16.6	17.3	17.4	16.8	17.6	16.8	17.4	17.0
Median duration, in weeks .....	8.1	8.1	8.0	8.1	8.3	8.0	8.3	8.8	8.3	8.1	8.6	8.5	8.9
<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 .....	37.5	37.2	37.1	36.4	36.8	37.8	35.4	33.8	37.6	35.1	36.8	36.2	35.1
5 to 14 weeks .....	31.2	31.8	32.0	32.5	31.9	30.9	31.1	32.7	31.2	30.5	31.6	31.0	32.2
15 weeks and over .....	31.3	30.9	30.9	31.1	31.3	31.3	33.5	33.5	31.2	34.4	31.6	32.8	32.7
15 to 26 weeks .....	14.2	13.7	14.2	14.5	14.8	15.3	15.7	15.5	13.6	15.8	13.1	14.3	15.1
27 weeks and over .....	17.1	17.2	16.7	16.6	16.5	16.0	17.8	18.0	17.6	18.6	18.5	18.5	17.6

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	September 1996									
	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force	
<b>TOTAL</b>										
16 years and over .....	201,061	134,230	66.8	127,529	63.4	3,607	123,923	6,700	5.0	66,831
16 to 19 years .....	15,101	7,541	49.9	6,401	42.4	278	6,123	1,140	15.1	7,559
16 to 17 years .....	7,771	3,138	40.4	2,668	34.3	139	2,528	471	15.0	4,633
18 to 19 years .....	7,329	4,403	60.1	3,733	50.9	138	3,595	670	15.2	2,927
20 to 24 years .....	17,288	13,186	76.3	12,000	69.4	329	11,670	1,187	9.0	4,102
25 to 54 years .....	115,818	97,409	84.1	93,541	80.8	2,233	91,308	3,868	4.0	18,409
25 to 34 years .....	40,233	33,930	84.3	32,307	80.3	797	31,510	1,622	4.8	6,303
25 to 29 years .....	19,069	16,053	84.2	15,211	79.8	359	14,852	843	5.2	3,015
30 to 34 years .....	21,164	17,876	84.5	17,097	80.8	438	16,658	780	4.4	3,288
35 to 44 years .....	43,164	36,853	85.4	35,398	82.0	869	34,529	1,455	3.9	6,311
35 to 39 years .....	22,356	18,997	85.0	18,207	81.4	448	17,759	790	4.2	3,359
40 to 44 years .....	20,808	17,857	85.8	17,191	82.6	422	16,769	666	3.7	2,952
45 to 54 years .....	32,420	26,626	82.1	25,836	79.7	566	25,270	790	3.0	5,795
45 to 49 years .....	18,498	15,661	84.7	15,217	82.3	296	14,921	444	2.8	2,838
50 to 54 years .....	13,922	10,965	78.8	10,619	76.3	270	10,349	346	3.2	2,957
55 to 64 years .....	21,041	12,266	58.3	11,894	56.5	415	11,479	371	3.0	8,775
55 to 59 years .....	11,245	7,819	69.5	7,585	67.5	214	7,372	234	3.0	3,426
60 to 64 years .....	9,796	4,447	45.4	4,309	44.0	202	4,108	138	3.1	5,349
65 years and over .....	31,813	3,827	12.0	3,693	11.6	352	3,341	134	3.5	27,986
65 to 69 years .....	9,673	2,171	22.4	2,077	21.5	168	1,909	94	4.3	7,502
70 to 74 years .....	8,603	1,048	12.2	1,024	11.9	120	904	24	2.3	7,555
75 years and over .....	13,538	609	4.5	592	4.4	64	529	16	2.7	12,929
<b>Men</b>										
16 years and over .....	96,447	72,028	74.7	68,614	71.1	2,668	65,947	3,413	4.7	24,419
16 to 19 years .....	7,713	3,887	50.4	3,262	42.3	229	3,033	626	16.1	3,826
16 to 17 years .....	4,022	1,589	39.5	1,336	33.2	116	1,220	252	15.9	2,433
18 to 19 years .....	3,692	2,298	62.3	1,925	52.2	113	1,813	373	16.2	1,393
20 to 24 years .....	8,544	6,940	81.2	6,359	74.4	256	6,103	580	8.4	1,604
25 to 54 years .....	56,800	52,251	92.0	50,319	88.6	1,632	48,687	1,932	3.7	4,549
25 to 34 years .....	19,766	18,414	93.2	17,676	89.4	624	17,051	739	4.0	1,352
25 to 29 years .....	9,349	8,641	92.4	8,270	88.5	292	7,978	371	4.3	708
30 to 34 years .....	10,417	9,773	93.8	9,405	90.3	332	9,073	368	3.8	644
35 to 44 years .....	21,239	19,749	93.0	18,998	89.4	624	18,374	751	3.8	1,490
35 to 39 years .....	11,018	10,300	93.5	9,888	89.7	317	9,571	412	4.0	718
40 to 44 years .....	10,221	9,449	92.4	9,110	89.1	307	8,802	340	3.6	772
45 to 54 years .....	15,795	14,088	89.2	13,646	86.4	384	13,262	442	3.1	1,707
45 to 49 years .....	9,047	8,228	90.9	7,969	88.1	210	7,760	258	3.1	819
50 to 54 years .....	6,748	5,860	86.8	5,677	84.1	175	5,502	183	3.1	888
55 to 64 years .....	10,037	6,708	66.8	6,491	64.7	278	6,212	217	3.2	3,330
55 to 59 years .....	5,412	4,221	78.0	4,078	75.3	143	3,935	144	3.4	1,191
60 to 64 years .....	4,625	2,486	53.8	2,413	52.2	135	2,278	73	2.9	2,139
65 years and over .....	13,353	2,243	16.8	2,184	16.4	272	1,912	59	2.6	11,110
65 to 69 years .....	4,460	1,258	28.2	1,223	27.4	128	1,095	35	2.8	3,202
70 to 74 years .....	3,752	609	16.2	594	15.8	96	497	16	2.6	3,143
75 years and over .....	5,141	376	7.3	367	7.1	48	319	8	2.3	4,765
<b>Women</b>										
16 years and over .....	104,614	62,202	59.5	58,915	56.3	939	57,976	3,287	5.3	42,412
16 to 19 years .....	7,387	3,654	49.5	3,139	42.5	49	3,090	515	14.1	3,733
16 to 17 years .....	3,750	1,550	41.3	1,331	35.5	23	1,308	218	14.1	2,200
18 to 19 years .....	3,638	2,104	57.8	1,808	49.7	26	1,782	297	14.1	1,533
20 to 24 years .....	8,745	6,247	71.4	5,640	64.5	73	5,567	607	9.7	2,498
25 to 54 years .....	59,018	45,158	76.5	43,222	73.2	600	42,622	1,936	4.3	13,859
25 to 34 years .....	20,467	15,516	75.8	14,632	71.5	173	14,458	884	5.7	4,951
25 to 29 years .....	9,719	7,412	76.3	6,940	71.4	67	6,873	472	6.4	2,307
30 to 34 years .....	10,747	8,103	75.4	7,691	71.6	106	7,585	412	5.1	2,644
35 to 44 years .....	21,925	17,104	78.0	16,400	74.8	245	16,155	704	4.1	4,821
35 to 39 years .....	11,338	8,697	76.7	8,319	73.4	131	8,188	378	4.3	2,641
40 to 44 years .....	10,587	8,408	79.4	8,081	76.3	114	7,967	326	3.9	2,180
45 to 54 years .....	16,626	12,538	75.4	12,190	73.3	182	12,008	348	2.8	4,087
45 to 49 years .....	9,452	7,433	78.6	7,247	76.7	86	7,161	186	2.5	2,019
50 to 54 years .....	7,174	5,105	71.2	4,943	68.9	96	4,847	162	3.2	2,069
55 to 64 years .....	11,004	5,558	50.5	5,404	49.1	137	5,267	155	2.8	5,445
55 to 59 years .....	5,832	3,598	61.7	3,508	60.1	71	3,437	90	2.5	2,235
60 to 64 years .....	5,171	1,961	37.9	1,896	36.7	66	1,830	65	3.3	3,211
65 years and over .....	18,461	1,585	8.6	1,510	8.2	80	1,430	75	4.7	16,876
65 to 69 years .....	5,212	913	17.5	854	16.4	40	814	59	6.4	4,299
70 to 74 years .....	4,851	438	9.0	430	8.9	24	406	8	1.8	4,413
75 years and over .....	8,397	233	2.8	225	2.7	16	210	8	3.4	8,164

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	September 1996									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed				Unemployed		Not in labor force
				Total	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
<b>WHITE</b>										
16 years and over .....	168,639	113,275	67.2	108,495	64.3	3,425	105,070	4,780	4.2	55,364
16 to 19 years .....	11,921	6,370	53.4	5,560	46.6	273	5,287	811	12.7	5,551
16 to 17 years .....	6,090	2,663	43.7	2,312	38.0	139	2,173	350	13.2	3,428
18 to 19 years .....	5,831	3,708	63.6	3,248	55.7	134	3,114	460	12.4	2,124
20 to 24 years .....	13,855	10,880	78.5	10,092	72.8	306	9,786	788	7.2	2,975
25 to 54 years .....	96,253	81,776	85.0	79,008	82.1	2,116	76,892	2,768	3.4	14,477
25 to 34 years .....	32,741	27,881	85.2	26,806	81.9	770	26,036	1,076	3.9	4,859
25 to 29 years .....	15,449	13,170	85.2	12,619	81.7	338	12,281	551	4.2	2,279
30 to 34 years .....	17,292	14,711	85.1	14,187	82.0	432	13,755	524	3.6	2,580
35 to 44 years .....	35,912	30,956	86.2	29,875	83.2	811	29,065	1,081	3.5	4,956
35 to 39 years .....	18,529	15,865	85.6	15,285	82.5	416	14,869	580	3.7	2,663
40 to 44 years .....	17,384	15,090	86.8	14,590	83.9	395	14,195	501	3.3	2,293
45 to 54 years .....	27,600	22,939	83.1	22,327	80.9	535	21,792	612	2.7	4,661
45 to 49 years .....	15,638	13,395	85.7	13,049	83.4	283	12,765	346	2.6	2,243
50 to 54 years .....	11,962	9,544	79.8	9,278	77.6	252	9,026	266	2.8	2,418
55 to 64 years .....	18,180	10,739	59.1	10,445	57.5	393	10,052	294	2.7	7,442
55 to 59 years .....	9,676	6,797	70.2	6,621	68.4	200	6,421	176	2.6	2,879
60 to 64 years .....	8,505	3,942	46.3	3,824	45.0	193	3,631	118	3.0	4,563
65 years and over .....	28,430	3,510	12.3	3,391	11.9	338	3,053	119	3.4	24,920
65 to 69 years .....	8,485	1,982	23.4	1,900	22.4	158	1,742	82	4.1	6,503
70 to 74 years .....	7,628	961	12.6	940	12.3	118	823	21	2.2	6,667
75 years and over .....	12,317	566	4.6	550	4.5	62	488	16	2.8	11,751
<b>Men</b>										
16 years and over .....	81,662	61,680	75.5	59,197	72.5	2,528	56,669	2,482	4.0	19,982
16 to 19 years .....	6,087	3,311	54.4	2,853	46.9	227	2,626	458	13.8	2,776
16 to 17 years .....	3,132	1,362	43.5	1,162	37.1	116	1,046	200	14.7	1,769
18 to 19 years .....	2,955	1,949	65.9	1,691	57.2	111	1,580	257	13.2	1,006
20 to 24 years .....	6,947	5,824	83.8	5,427	78.1	242	5,185	397	6.8	1,124
25 to 54 years .....	47,874	44,556	93.1	43,163	90.2	1,538	41,624	1,393	3.1	3,319
25 to 34 years .....	16,338	15,406	94.3	14,895	91.2	600	14,295	511	3.3	932
25 to 29 years .....	7,697	7,217	93.8	6,966	90.5	274	6,694	250	3.5	480
30 to 34 years .....	8,641	8,189	94.8	7,927	91.7	326	7,601	262	3.2	452
35 to 44 years .....	17,920	16,875	94.2	16,308	91.0	579	15,730	567	3.4	1,044
35 to 39 years .....	9,259	8,757	94.6	8,438	91.1	289	8,149	319	3.6	503
40 to 44 years .....	8,660	8,118	93.7	7,870	90.9	290	7,581	248	3.1	542
45 to 54 years .....	13,617	12,275	90.1	11,959	87.8	360	11,599	315	2.6	1,342
45 to 49 years .....	7,748	7,110	91.8	6,925	89.4	197	6,727	186	2.6	638
50 to 54 years .....	5,868	5,164	88.0	5,035	85.8	163	4,872	130	2.5	704
55 to 64 years .....	8,757	5,935	67.8	5,752	65.7	260	5,492	184	3.1	2,822
55 to 59 years .....	4,695	3,712	79.0	3,598	76.6	132	3,466	113	3.1	984
60 to 64 years .....	4,062	2,224	54.7	2,153	53.0	127	2,026	70	3.2	1,838
65 years and over .....	11,996	2,054	17.1	2,003	16.7	260	1,743	51	2.5	9,942
65 to 69 years .....	3,912	1,135	29.0	1,106	28.3	118	988	29	2.6	2,776
70 to 74 years .....	3,356	564	16.8	551	16.4	95	456	13	2.3	2,792
75 years and over .....	4,728	354	7.5	346	7.3	47	299	8	2.4	4,374
<b>Women</b>										
16 years and over .....	86,977	51,595	59.3	49,298	56.7	897	48,401	2,297	4.5	35,382
16 to 19 years .....	5,835	3,059	52.4	2,707	46.4	45	2,661	353	11.5	2,776
16 to 17 years .....	2,958	1,300	43.9	1,150	38.9	23	1,127	150	11.5	1,658
18 to 19 years .....	2,876	1,759	61.2	1,556	54.1	23	1,534	203	11.5	1,117
20 to 24 years .....	6,908	5,057	73.2	4,665	67.5	84	4,602	392	7.7	1,851
25 to 54 years .....	48,378	37,220	76.9	35,845	74.1	577	35,268	1,375	3.7	11,158
25 to 34 years .....	16,402	12,475	76.1	11,911	72.6	170	11,740	564	4.5	3,927
25 to 29 years .....	7,751	5,953	76.8	5,651	72.9	64	5,587	302	5.1	1,799
30 to 34 years .....	8,651	6,522	75.4	6,260	72.4	106	6,154	263	4.0	2,129
35 to 44 years .....	17,993	14,081	78.3	13,567	75.4	232	13,335	514	3.6	3,912
35 to 39 years .....	9,269	7,109	76.7	6,847	73.9	127	6,721	262	3.7	2,161
40 to 44 years .....	8,723	6,972	79.9	6,720	77.0	105	6,614	252	3.6	1,751
45 to 54 years .....	13,983	10,665	76.3	10,368	74.1	175	10,193	297	2.8	3,319
45 to 49 years .....	7,890	6,284	79.7	6,124	77.6	86	6,038	161	2.6	1,605
50 to 54 years .....	6,094	4,380	71.9	4,244	69.6	89	4,155	136	3.1	1,714
55 to 64 years .....	9,423	4,803	51.0	4,693	49.8	133	4,560	110	2.3	4,620
55 to 59 years .....	4,980	3,085	61.9	3,023	60.7	67	2,956	62	2.0	1,895
60 to 64 years .....	4,443	1,718	38.7	1,670	37.6	66	1,605	48	2.8	2,725
65 years and over .....	16,434	1,456	8.9	1,388	8.4	77	1,310	68	4.7	14,978
65 to 69 years .....	4,574	847	18.5	794	17.4	40	754	53	6.2	3,727
70 to 74 years .....	4,272	397	9.3	389	9.1	22	367	8	2.0	3,874
75 years and over .....	7,589	212	2.8	204	2.7	15	189	8	3.6	7,377

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

(Numbers in thousands)

Age, sex, and race	September 1996									
	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force	
<b>BLACK</b>										
16 years and over .....	23,690	15,132	63.9	13,547	57.2	103	13,444	1,585	10.5	8,557
16 to 19 years .....	2,405	863	35.9	591	24.6	-	591	272	31.5	1,542
16 to 17 years .....	1,268	335	26.4	244	19.3	-	245	90	27.0	933
18 to 19 years .....	1,137	528	46.4	347	30.5	-	347	181	34.3	609
20 to 24 years .....	2,468	1,697	68.8	1,339	54.2	10	1,329	358	21.1	771
25 to 54 years .....	14,082	11,235	79.8	10,344	73.5	73	10,271	891	7.9	2,847
25 to 34 years .....	5,361	4,370	81.5	3,902	72.8	20	3,882	467	10.7	991
25 to 29 years .....	2,562	2,060	80.4	1,806	70.5	17	1,789	254	12.3	503
30 to 34 years .....	2,798	2,310	82.5	2,096	74.9	3	2,093	213	9.2	488
35 to 44 years .....	5,280	4,265	80.8	3,972	75.2	39	3,933	293	6.9	1,015
35 to 39 years .....	2,777	2,275	81.9	2,106	75.8	25	2,081	169	7.4	502
40 to 44 years .....	2,503	1,989	79.5	1,866	74.6	14	1,852	123	6.2	513
45 to 54 years .....	3,442	2,601	75.6	2,469	71.7	14	2,456	131	5.0	841
45 to 49 years .....	2,044	1,600	78.3	1,525	74.6	6	1,519	74	4.7	445
50 to 54 years .....	1,398	1,001	71.6	944	67.5	8	936	57	5.7	397
55 to 64 years .....	2,117	1,095	51.7	1,044	49.3	10	1,033	52	4.7	1,021
55 to 59 years .....	1,145	752	65.7	712	62.2	6	706	40	5.3	392
60 to 64 years .....	972	343	35.3	331	34.1	4	327	12	3.4	629
65 years and over .....	2,617	242	9.3	230	8.8	10	220	12	5.0	2,375
65 to 69 years .....	922	144	15.6	133	14.4	10	123	12	8.0	778
70 to 74 years .....	726	66	9.1	66	9.1	-	66	-	( <sup>1</sup> )	659
75 years and over .....	970	32	3.3	32	3.3	-	31	-	( <sup>1</sup> )	938
<b>Men</b>										
16 years and over .....	10,616	7,269	68.5	6,480	61.0	88	6,392	789	10.8	3,348
16 to 19 years .....	1,198	428	35.7	291	24.2	-	291	138	32.1	770
16 to 17 years .....	652	163	25.0	118	18.1	-	119	45	27.5	489
18 to 19 years .....	546	265	48.6	172	31.6	-	172	93	35.0	281
20 to 24 years .....	1,107	795	71.8	639	57.7	4	635	156	19.6	313
25 to 54 years .....	6,365	5,393	84.7	4,935	77.5	64	4,871	459	8.5	971
25 to 34 years .....	2,425	2,105	86.8	1,905	78.6	18	1,888	200	9.5	320
25 to 29 years .....	1,139	972	85.3	867	76.1	15	852	105	10.8	167
30 to 34 years .....	1,286	1,134	88.2	1,039	80.8	3	1,036	95	8.4	152
35 to 44 years .....	2,390	2,029	84.9	1,870	78.2	34	1,836	159	7.8	361
35 to 39 years .....	1,250	1,083	86.6	1,006	80.5	23	983	77	7.1	167
40 to 44 years .....	1,140	946	83.0	864	75.8	11	853	82	8.7	194
45 to 54 years .....	1,550	1,259	81.3	1,160	74.8	12	1,147	100	7.9	290
45 to 49 years .....	928	783	84.5	725	78.1	6	719	59	7.5	144
50 to 54 years .....	622	476	76.5	435	69.9	34	429	41	8.6	146
55 to 64 years .....	917	520	56.7	489	53.3	10	479	31	5.9	397
55 to 59 years .....	500	354	70.7	326	65.2	6	319	28	7.9	146
60 to 64 years .....	417	166	39.8	163	39.0	4	159	3	1.8	251
65 years and over .....	1,029	133	12.9	127	12.4	10	118	5	4.0	896
65 to 69 years .....	427	86	20.0	80	18.8	10	71	5	6.2	342
70 to 74 years .....	292	31	10.5	31	10.6	-	31	-	( <sup>1</sup> )	261
75 years and over .....	310	16	5.2	16	5.2	-	16	-	( <sup>1</sup> )	294
<b>Women</b>										
16 years and over .....	13,073	7,864	60.2	7,067	54.1	15	7,052	796	10.1	5,210
16 to 19 years .....	1,207	435	36.0	301	24.9	-	301	134	30.9	772
16 to 17 years .....	616	172	27.9	126	20.5	-	126	46	26.5	444
18 to 19 years .....	591	263	44.5	174	29.5	-	174	89	33.7	328
20 to 24 years .....	1,360	902	66.3	700	51.4	6	694	202	22.4	458
25 to 54 years .....	7,718	5,841	75.7	5,409	70.1	9	5,400	432	7.4	1,876
25 to 34 years .....	2,936	2,264	77.1	1,997	68.0	2	1,994	267	11.8	672
25 to 29 years .....	1,423	1,088	76.4	939	66.0	2	937	149	13.7	335
30 to 34 years .....	1,512	1,176	77.8	1,058	69.9	-	1,058	118	10.1	336
35 to 44 years .....	2,890	2,236	77.4	2,102	72.8	5	2,097	133	6.0	654
35 to 39 years .....	1,527	1,193	78.1	1,101	72.1	2	1,098	92	7.7	335
40 to 44 years .....	1,362	1,043	76.6	1,002	73.5	3	999	41	4.0	319
45 to 54 years .....	1,892	1,341	70.9	1,310	69.2	1	1,309	32	2.4	551
45 to 49 years .....	1,117	816	73.1	801	71.7	-	801	16	1.9	300
50 to 54 years .....	775	525	67.7	509	65.7	1	508	16	3.0	250
55 to 64 years .....	1,200	576	48.0	555	46.3	-	555	21	3.6	624
55 to 59 years .....	644	398	61.8	386	59.9	-	386	12	3.0	246
60 to 64 years .....	555	177	31.9	169	30.4	-	168	9	4.9	378
65 years and over .....	1,588	110	6.9	103	6.5	-	103	7	6.2	1,479
65 to 69 years .....	495	59	11.8	52	10.6	-	52	6	( <sup>1</sup> )	436
70 to 74 years .....	434	36	8.2	35	8.1	-	35	-	( <sup>1</sup> )	399
75 years and over .....	660	16	2.4	15	2.3	-	15	-	( <sup>1</sup> )	644

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



**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-14. Employment status of the civilian noninstitutional population by race, sex, and age**

(Numbers in thousands)

Employment status and race	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996
<b>TOTAL</b>								
Civilian noninstitutional population .....	199,005	201,061	87,940	88,733	96,409	97,226	14,657	15,101
Civilian labor force .....	132,341	134,230	67,374	68,140	57,520	58,548	7,447	7,541
Percent of population .....	66.5	66.8	76.6	76.8	59.7	60.2	50.8	49.9
Employed .....	125,173	127,529	64,417	65,353	54,586	55,776	6,170	6,401
Agriculture .....	3,430	3,607	2,375	2,439	793	890	262	278
Nonagricultural industries .....	121,744	123,923	62,042	62,914	53,793	54,886	5,908	6,123
Unemployed .....	7,167	6,700	2,957	2,788	2,934	2,772	1,277	1,140
Unemployment rate .....	5.4	5.0	4.4	4.1	5.1	4.7	17.1	15.1
Not in labor force .....	66,664	66,831	20,566	20,593	38,889	38,678	7,210	7,559
<b>White</b>								
Civilian noninstitutional population .....	167,200	168,639	75,006	75,575	80,670	81,143	11,524	11,921
Civilian labor force .....	112,039	113,275	57,773	58,369	48,074	48,536	6,192	6,370
Percent of population .....	67.0	67.2	77.0	77.2	59.6	59.8	53.7	53.4
Employed .....	106,886	108,495	55,595	56,344	45,988	46,591	5,303	5,560
Agriculture .....	3,181	3,425	2,176	2,301	760	851	245	273
Nonagricultural industries .....	103,705	105,070	53,418	54,043	45,228	45,740	5,058	5,287
Unemployed .....	5,152	4,780	2,178	2,024	2,086	1,945	889	811
Unemployment rate .....	4.6	4.2	3.8	3.5	4.3	4.0	14.4	12.7
Not in labor force .....	55,161	55,364	17,233	17,206	32,595	32,607	5,332	5,551
<b>Black</b>								
Civilian noninstitutional population .....	23,323	23,690	9,300	9,418	11,716	11,866	2,307	2,405
Civilian labor force .....	14,786	15,132	6,724	6,840	7,135	7,429	927	863
Percent of population .....	63.4	63.9	72.3	72.6	60.9	62.6	40.2	35.9
Employed .....	13,173	13,547	6,120	6,190	6,455	6,767	599	591
Agriculture .....	95	103	83	88	5	15	7	-
Nonagricultural industries .....	13,078	13,444	6,036	6,102	6,449	6,751	593	591
Unemployed .....	1,613	1,585	605	651	681	662	328	272
Unemployment rate .....	10.9	10.5	9.0	9.5	9.5	8.9	35.4	31.5
Not in labor force .....	8,536	8,557	2,576	2,578	4,581	4,437	1,380	1,542

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Enrollment status, educational attainment, race, and Hispanic origin	September 1996									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time	Part time	Total	Looking for full-time work	Looking for part-time work	
<b>TOTAL ENROLLED</b>										
Total, 16 to 24 years .....	17,172	8,292	48.3	7,399	1,475	5,924	893	193	700	10.8
16 to 19 years .....	11,661	4,998	42.9	4,370	432	3,939	628	98	530	12.6
20 to 24 years .....	5,511	3,294	59.8	3,029	1,043	1,986	265	95	170	8.1
High school .....	8,269	3,276	39.6	2,817	151	2,666	459	73	386	14.0
College .....	8,903	5,016	56.3	4,582	1,324	3,258	434	120	314	8.7
Full-time students .....	7,582	3,904	51.5	3,555	668	2,888	348	80	268	8.9
Part-time students .....	1,321	1,112	84.2	1,027	656	370	86	40	46	7.7
Men, 16 to 24 years .....	8,605	4,010	46.6	3,571	801	2,770	438	79	359	10.9
16 to 19 years .....	5,946	2,453	41.3	2,111	235	1,875	342	47	296	14.0
20 to 24 years .....	2,659	1,557	58.5	1,461	565	895	96	33	63	6.2
High school .....	4,443	1,721	38.7	1,458	93	1,365	262	40	222	15.2
College .....	4,162	2,289	55.0	2,113	707	1,405	176	39	137	7.7
Full-time students .....	3,548	1,747	49.2	1,609	358	1,252	138	19	119	7.9
Part-time students .....	613	542	88.3	503	350	154	38	20	18	7.1
Women, 16 to 24 years .....	8,567	4,283	50.0	3,828	674	3,154	455	114	341	10.6
16 to 19 years .....	5,715	2,545	44.5	2,260	196	2,063	286	51	234	11.2
20 to 24 years .....	2,852	1,737	60.9	1,568	478	1,090	169	62	107	9.7
High school .....	3,826	1,556	40.7	1,359	57	1,301	197	33	164	12.7
College .....	4,741	2,727	57.5	2,469	617	1,853	258	81	177	9.5
Full-time students .....	4,033	2,157	53.5	1,946	310	1,636	211	62	149	9.8
Part-time students .....	708	570	80.6	523	307	216	47	19	28	8.3
<b>White</b>										
Total, 16 to 24 years .....	13,616	7,068	51.9	6,387	1,249	5,138	681	131	550	9.6
16 to 19 years .....	9,253	4,325	46.7	3,839	371	3,468	486	74	412	11.2
20 to 24 years .....	4,363	2,743	62.9	2,548	878	1,670	195	57	137	7.1
Men .....	6,807	3,445	50.6	3,103	688	2,415	342	54	288	9.9
Women .....	6,809	3,623	53.2	3,284	561	2,723	339	77	262	9.3
High school .....	6,442	2,780	43.2	2,448	127	2,321	332	51	281	11.9
College .....	7,174	4,288	59.8	3,939	1,122	2,817	349	81	268	8.1
Full-time students .....	6,059	3,354	55.4	3,074	570	2,504	280	49	231	8.4
Part-time students .....	1,115	934	83.8	865	552	313	69	32	37	7.4
<b>Black</b>										
Total, 16 to 24 years .....	2,451	785	32.0	621	128	493	164	57	108	20.9
16 to 19 years .....	1,766	454	25.7	349	45	305	104	22	83	23.0
20 to 24 years .....	684	331	48.4	272	83	189	60	35	25	18.0
Men .....	1,195	354	29.6	275	62	213	79	23	56	22.3
Women .....	1,255	431	34.3	346	66	280	85	33	52	19.7
High school .....	1,432	356	24.8	255	14	241	101	22	79	28.4
College .....	1,018	430	42.2	366	114	252	63	34	29	14.7
Full-time students .....	908	341	37.5	287	63	224	54	30	24	15.8
Part-time students .....	110	89	80.4	79	51	28	9	5	5	10.4
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	1,820	688	37.8	574	127	446	114	49	65	16.6
16 to 19 years .....	1,341	402	29.9	339	33	306	63	30	33	15.7
20 to 24 years .....	479	286	59.7	235	95	140	51	19	32	17.8
Men .....	921	334	36.2	301	73	228	33	19	14	9.9
Women .....	898	354	39.4	273	55	219	81	30	50	22.8
High school .....	1,084	248	22.9	205	23	182	44	19	25	17.6
College .....	736	439	59.7	369	105	264	70	30	40	15.9
Full-time students .....	558	292	52.3	249	41	208	43	13	30	14.8
Part-time students .....	178	147	82.7	120	64	57	27	17	10	18.2

See footnotes at end of table.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Enrollment status, educational attainment, race, and Hispanic origin	September 1996									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time	Part time	Total	Looking for full-time work	Looking for part-time work	
<b>TOTAL NOT ENROLLED</b>										
Total, 16 to 24 years .....	15,217	12,435	81.7	11,002	9,118	1,884	1,434	1,320	114	11.5
16 to 19 years .....	3,440	2,543	73.9	2,031	1,485	546	512	448	64	20.1
20 to 24 years .....	11,777	9,893	84.0	8,971	7,633	1,338	922	872	50	9.3
Less than a high school diploma .....	3,667	2,345	63.9	1,862	1,425	437	483	435	48	20.6
High school graduates, no college .....	6,483	5,433	83.8	4,748	3,898	851	685	642	43	12.6
Less than a bachelor's degree .....	3,614	3,268	90.4	3,083	2,615	478	175	155	20	5.3
College graduates .....	1,452	1,390	95.7	1,298	1,180	119	92	88	4	6.6
Men, 16 to 24 years .....	7,652	6,817	89.1	6,050	5,412	638	767	726	41	11.3
16 to 19 years .....	1,767	1,434	81.1	1,151	958	193	283	256	27	19.7
20 to 24 years .....	5,884	5,383	91.5	4,899	4,454	445	484	470	15	9.0
Less than a high school diploma .....	1,912	1,488	77.8	1,210	1,041	169	278	256	22	18.7
High school graduates, no college .....	3,352	3,069	91.5	2,713	2,457	256	356	348	8	11.6
Less than a bachelor's degree .....	1,751	1,651	94.3	1,561	1,389	171	90	79	11	5.5
College graduates .....	837	610	95.7	566	525	41	44	43	1	7.2
Women, 16 to 24 years .....	7,565	5,618	74.3	4,952	3,706	1,246	666	594	72	11.9
16 to 19 years .....	1,672	1,109	66.3	880	526	353	229	182	37	20.7
20 to 24 years .....	5,892	4,509	76.5	4,072	3,179	893	437	402	35	9.7
Less than a high school diploma .....	1,756	857	48.8	652	384	268	205	179	26	23.9
High school graduates, no college .....	3,131	2,364	75.5	2,035	1,441	594	329	294	35	13.9
Less than a bachelor's degree .....	1,863	1,617	86.8	1,532	1,225	307	85	76	9	5.2
College graduates .....	816	780	95.7	732	655	78	48	45	3	6.1
<b>White</b>										
Total, 16 to 24 years .....	12,160	10,182	83.7	9,264	7,747	1,517	918	828	90	9.0
16 to 19 years .....	2,668	2,045	76.6	1,720	1,273	447	325	272	52	15.9
20 to 24 years .....	9,492	8,138	85.7	7,544	6,474	1,070	594	556	38	7.3
Men .....	6,227	5,890	94.4	5,177	4,685	492	513	477	36	9.0
Women .....	5,934	4,483	75.7	4,087	3,062	1,025	406	351	55	9.0
Less than a high school diploma .....	2,803	1,876	66.9	1,550	1,212	338	326	289	37	17.4
High school graduates, no college .....	5,084	4,345	85.5	3,947	3,262	685	396	364	34	9.2
Less than a bachelor's degree .....	3,026	2,764	91.3	2,837	2,244	593	127	111	16	4.6
College graduates .....	1,248	1,198	96.0	1,130	1,029	101	68	64	4	5.7
<b>Black</b>										
Total, 16 to 24 years .....	2,423	1,775	73.2	1,309	1,011	298	466	442	23	26.2
16 to 19 years .....	639	409	64.0	242	167	75	167	157	11	40.9
20 to 24 years .....	1,784	1,365	76.6	1,067	844	223	298	286	13	21.9
Men .....	1,111	869	78.2	654	527	128	214	210	5	24.7
Women .....	1,312	906	69.0	654	484	170	251	233	19	27.7
Less than a high school diploma .....	715	381	53.2	238	154	84	142	133	9	37.4
High school graduates, no college .....	1,167	915	78.4	846	505	341	269	260	9	29.4
Less than a bachelor's degree .....	432	376	86.9	337	268	69	39	34	5	10.4
College graduates .....	108	103	95.6	66	84	4	16	16	-	15.1
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	2,578	1,876	72.8	1,641	1,353	288	235	226	9	12.5
16 to 19 years .....	625	407	65.0	326	235	91	80	74	7	19.8
20 to 24 years .....	1,952	1,469	75.2	1,315	1,117	197	154	152	2	10.5
Men .....	1,349	1,160	86.0	1,018	924	94	141	138	4	12.2
Women .....	1,229	716	58.2	623	428	194	93	88	5	13.0
Less than a high school diploma .....	1,254	785	62.6	669	552	117	116	113	3	14.8
High school graduates, no college .....	927	744	80.2	645	523	121	99	95	5	13.3
Less than a bachelor's degree .....	316	269	85.1	252	208	44	17	16	1	6.2
College graduates .....	80	78	97.2	75	70	6	3	2	1	3.9

NOTE: In the summer months, the educational attainment levels of youth not enrolled in school are increased by the temporary movement of high school and college students into that group. Detail for the above race and Hispanic-origin

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Age, sex, and race	September 1996									
	Employed <sup>1</sup>								Unemployed	
	Full-time workers				Part-time workers				Looking for full-time work	Looking for part-time work
	Total	At work		Not at work	Total	At work <sup>2</sup>		Not at work		
35 hours or more		1 to 34 hours for economic or noneconomic reasons	Part time for economic reasons			Part time for noneconomic reasons				
<b>TOTAL</b>										
Total, 16 years and over .....	104,490	93,144	8,272	3,075	23,039	2,841	18,930	1,268	5,248	1,452
16 to 19 years .....	1,916	1,597	289	31	4,484	265	4,073	146	546	594
16 to 17 years .....	219	174	41	4	2,449	32	2,344	73	111	359
18 to 19 years .....	1,698	1,423	248	26	2,035	233	1,730	73	435	235
20 years and over .....	102,574	91,547	7,983	3,044	18,555	2,575	14,857	1,123	4,702	858
20 to 24 years .....	8,676	7,651	841	184	3,324	576	2,618	130	967	220
25 years and over .....	93,898	83,895	7,142	2,860	15,231	2,000	12,239	993	3,736	637
25 to 54 years .....	82,524	74,071	6,140	2,314	11,017	1,723	8,680	614	3,365	503
55 years and over .....	11,374	9,825	1,003	546	4,214	277	3,559	378	371	134
<b>Men, 16 years and over .....</b>	<b>61,332</b>	<b>55,481</b>	<b>4,241</b>	<b>1,610</b>	<b>7,282</b>	<b>1,110</b>	<b>5,796</b>	<b>376</b>	<b>2,859</b>	<b>554</b>
16 to 19 years .....	1,194	995	179	20	2,068	94	1,903	71	303	323
20 years and over .....	60,139	54,486	4,062	1,591	5,214	1,016	3,893	305	2,557	231
20 to 24 years .....	5,019	4,481	468	69	1,340	247	1,058	35	503	78
25 years and over .....	55,120	50,004	3,594	1,521	3,874	769	2,835	270	2,054	153
25 to 54 years .....	48,213	43,941	3,067	1,205	2,106	641	1,337	128	1,826	106
55 years and over .....	6,906	6,063	527	316	1,768	128	1,498	142	228	47
<b>Women, 16 years and over .....</b>	<b>43,158</b>	<b>37,663</b>	<b>4,031</b>	<b>1,464</b>	<b>15,757</b>	<b>1,731</b>	<b>13,134</b>	<b>892</b>	<b>2,389</b>	<b>898</b>
16 to 19 years .....	723	602	110	11	2,416	171	2,171	74	243	271
20 years and over .....	42,435	37,061	3,921	1,453	13,341	1,560	10,963	818	2,146	626
20 to 24 years .....	3,657	3,170	373	114	1,983	329	1,560	95	464	142
25 years and over .....	38,778	33,891	3,548	1,339	11,357	1,231	9,403	723	1,682	484
25 to 54 years .....	34,311	30,129	3,073	1,109	8,911	1,082	7,343	487	1,539	397
55 years and over .....	4,467	3,762	475	230	2,446	149	2,061	236	142	87
<b>White</b>										
<b>Men, 16 years and over .....</b>	<b>53,019</b>	<b>48,067</b>	<b>3,583</b>	<b>1,369</b>	<b>6,178</b>	<b>853</b>	<b>4,997</b>	<b>328</b>	<b>2,028</b>	<b>454</b>
16 to 19 years .....	1,044	871	159	14	1,809	65	1,679	65	197	261
20 years and over .....	51,975	47,197	3,424	1,355	4,369	788	3,318	263	1,831	193
20 to 24 years .....	4,329	3,897	385	47	1,098	191	880	27	334	63
25 years and over .....	47,647	43,300	3,039	1,308	3,271	596	2,438	236	1,498	130
25 to 54 years .....	41,475	37,862	2,588	1,025	1,687	499	1,085	103	1,307	87
55 years and over .....	6,172	5,438	451	283	1,583	97	1,353	133	191	43
<b>Women, 16 years and over .....</b>	<b>35,343</b>	<b>30,804</b>	<b>3,330</b>	<b>1,209</b>	<b>13,955</b>	<b>1,339</b>	<b>11,819</b>	<b>797</b>	<b>1,578</b>	<b>719</b>
16 to 19 years .....	601	503	89	8	2,106	150	1,894	62	149	203
20 years and over .....	34,742	30,301	3,240	1,200	11,849	1,189	9,925	735	1,429	515
20 to 24 years .....	3,023	2,633	299	91	1,642	237	1,327	78	279	113
25 years and over .....	31,719	27,668	2,942	1,109	10,207	952	8,598	657	1,150	403
25 to 54 years .....	27,878	24,446	2,526	906	7,968	832	6,702	434	1,052	323
55 years and over .....	3,842	3,222	416	203	2,239	120	1,896	223	98	80
<b>Black</b>										
<b>Men, 16 years and over .....</b>	<b>5,732</b>	<b>5,038</b>	<b>501</b>	<b>193</b>	<b>748</b>	<b>189</b>	<b>524</b>	<b>35</b>	<b>709</b>	<b>80</b>
16 to 19 years .....	113	91	16	6	177	21	151	6	88	50
20 years and over .....	5,619	4,947	484	187	571	168	374	29	621	30
20 to 24 years .....	476	388	64	24	163	47	113	4	145	11
25 years and over .....	5,143	4,559	420	163	408	121	261	26	476	19
25 to 54 years .....	4,659	4,156	364	139	275	100	157	18	442	17
55 years and over .....	483	403	56	25	133	21	104	8	34	2
<b>Women, 16 years and over .....</b>	<b>5,801</b>	<b>5,045</b>	<b>558</b>	<b>197</b>	<b>1,266</b>	<b>336</b>	<b>865</b>	<b>66</b>	<b>677</b>	<b>120</b>
16 to 19 years .....	99	82	14	3	202	17	178	7	90	44
20 years and over .....	5,703	4,964	545	194	1,064	319	687	59	586	76
20 to 24 years .....	451	365	63	23	248	83	154	12	176	26
25 years and over .....	5,251	4,598	481	171	816	236	533	47	411	49
25 to 54 years .....	4,762	4,190	426	146	647	209	400	38	383	50
55 years and over .....	489	408	56	25	169	26	133	10	28	-

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

status.

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-17. Employed persons by occupation, sex, and age**

(In thousands)

Occupation	Total		Men				Women			
	16 years and over		16 years and over		20 years and over		16 years and over		20 years and over	
	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996
Total .....	125,173	127,529	67,646	68,614	64,417	65,353	57,527	58,915	54,586	55,776
Managerial and professional specialty .....	35,596	36,759	18,495	18,842	18,352	18,746	17,102	17,917	16,964	17,770
Executive, administrative, and managerial .....	17,509	18,035	9,993	9,989	9,922	9,957	7,517	8,045	7,466	7,995
Officials and administrators, public administration .....	690	727	348	376	348	377	342	351	340	351
Other executive, administrative, and managerial .....	12,595	12,903	7,745	7,730	7,682	7,703	4,850	5,173	4,808	5,132
Management-related occupations .....	4,225	4,405	1,899	1,883	1,892	1,877	2,326	2,522	2,318	2,512
Professional specialty .....	18,087	18,725	8,502	8,853	8,431	8,789	9,585	9,871	9,498	9,775
Engineers .....	2,010	1,973	1,855	1,819	1,856	1,815	155	154	155	154
Mathematical and computer scientists .....	1,174	1,343	790	943	782	940	384	400	381	400
Natural scientists .....	542	486	408	323	408	321	134	163	134	163
Health diagnosing occupations .....	1,018	995	772	725	772	725	246	270	246	270
Health assessment and treating occupations .....	2,819	2,828	417	412	417	411	2,402	2,416	2,398	2,412
Teachers, college and university .....	779	891	389	503	386	499	390	387	386	376
Teachers, except college and university .....	4,465	4,824	1,109	1,247	1,095	1,235	3,356	3,577	3,314	3,530
Lawyers and judges .....	949	1,008	683	717	683	717	266	291	263	292
Other professional specialty occupations .....	4,331	4,377	2,079	2,164	2,033	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Technical, sales, and administrative support .....	37,380	37,725	13,215	13,345	12,530	12,692	24,166	24,380	22,709	22,742
Technicians and related support .....	3,985	3,988	1,896	1,840	1,867	1,813	2,089	2,148	2,052	2,114
Health technologists and technicians .....	1,685	1,574	307	238	303	236	1,378	1,336	1,359	1,308
Engineering and science technicians .....	1,162	1,176	915	898	895	889	247	278	230	274
Technicians, except health, engineering, and science .....	1,138	1,237	674	703	668	689	464	534	463	532
Sales occupations .....	15,097	15,405	7,568	7,705	7,093	7,284	7,529	7,701	6,553	6,622
Supervisors and proprietors .....	4,464	4,489	2,676	2,774	2,640	2,749	1,788	1,715	1,773	1,691
Sales representatives, finance and business services .....	2,392	2,489	1,364	1,391	1,345	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Sales representatives, commodities, except retail .....	1,512	1,666	1,192	1,239	1,188	1,223	320	427	313	418
Sales workers, retail and personal services .....	6,621	6,674	2,314	2,279	1,897	1,898	4,307	4,396	3,381	3,366
Sales-related occupations .....	108	87	23	23	22	23	85	65	84	65
Administrative support, including clerical .....	18,299	18,332	3,751	3,801	3,570	3,595	14,548	14,531	14,105	14,006
Supervisors .....	712	657	267	262	267	258	445	395	439	391
Computer equipment operators .....	510	392	206	167	200	164	304	224	299	210
Secretaries, stenographers, and typists .....	4,106	3,874	108	82	101	83	3,998	3,793	3,913	3,691
Financial records processing .....	2,196	2,308	178	198	173	199	2,018	2,110	1,988	2,092
Mail and message distributing .....	1,027	974	592	604	584	588	435	370	428	353
Other administrative support, including clerical .....	9,748	10,127	2,399	2,488	2,247	2,304	7,348	7,639	7,039	7,268
Service occupations .....	16,582	17,200	6,692	7,036	5,745	6,013	9,891	10,164	8,817	9,092
Private household .....	798	834	38	44	30	42	760	790	678	701
Protective service .....	2,205	2,179	1,875	1,839	1,851	1,816	331	340	323	327
Service, except private household and protective .....	13,579	14,187	4,779	5,153	3,865	4,154	8,800	9,034	7,816	8,064
Food service .....	5,631	5,998	2,328	2,617	1,650	1,861	3,303	3,381	2,654	2,705
Health service .....	2,246	2,394	271	272	247	267	1,974	2,122	1,897	2,045
Cleaning and building service .....	2,909	3,050	1,646	1,704	1,510	1,566	1,262	1,346	1,156	1,282
Personal service .....	2,793	2,744	533	559	458	460	2,260	2,185	2,109	2,032
Precision production, craft, and repair .....	13,655	13,881	12,464	12,578	12,204	12,279	1,191	1,303	1,170	1,270
Mechanics and repairers .....	4,488	4,596	4,328	4,383	4,260	4,249	160	213	160	207
Construction trades .....	5,236	5,191	5,120	5,059	4,978	4,946	117	132	109	128
Other precision production, craft, and repair .....	3,930	4,094	3,016	3,136	2,965	3,084	914	958	900	934
Operators, fabricators, and laborers .....	18,164	18,199	13,731	13,793	12,814	12,877	4,433	4,405	4,224	4,201
Machine operators, assemblers, and inspectors .....	7,947	7,778	4,974	4,845	4,796	4,712	2,973	2,934	2,887	2,845
Transportation and material moving occupations .....	5,298	5,462	4,822	4,932	4,706	4,825	476	530	462	513
Motor vehicle operators .....	4,038	4,143	3,611	3,679	3,515	3,585	427	464	415	450
Other transportation and material moving occupations .....	1,260	1,319	1,212	1,253	1,192	1,241	48	66	46	63
Handlers, equipment cleaners, helpers, and laborers .....	4,919	4,959	3,935	4,017	3,312	3,340	984	942	875	844
Construction laborers .....	852	851	813	812	768	732	38	39	37	40
Other handlers, equipment cleaners, helpers, and laborers .....	4,067	4,108	3,122	3,205	2,545	2,609	946	903	838	804
Farming, forestry, and fishing .....	3,795	3,766	3,050	3,020	2,772	2,745	745	746	702	702
Farm operators and managers .....	1,399	1,382	1,064	1,042	1,036	1,029	335	340	332	340
Other farming, forestry, and fishing occupations .....	2,396	2,384	1,986	1,977	1,736	1,716	410	406	370	362

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996
<b>TOTAL</b>						
Total, 16 years and over (thousands) .....	125,173	127,529	67,646	68,614	57,527	58,915
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	28.4	28.8	27.3	27.5	29.7	30.4
Executive, administrative, and managerial .....	14.0	14.1	14.8	14.6	13.1	13.7
Professional specialty .....	14.4	14.7	12.6	12.9	16.7	16.8
Technical, sales, and administrative support .....	29.9	29.6	19.5	19.4	42.0	41.4
Technicians and related support .....	3.2	3.1	2.8	2.7	3.6	3.6
Sales occupations .....	12.1	12.1	11.2	11.2	13.1	13.1
Administrative support, including clerical .....	14.6	14.4	5.5	5.5	25.3	24.7
Service occupations .....	13.2	13.5	9.9	10.3	17.2	17.3
Private household .....	.6	.7	.1	.1	1.3	1.3
Protective service .....	1.8	1.7	2.8	2.7	.6	.6
Service, except private household and protective .....	10.8	11.1	7.1	7.5	15.3	15.3
Precision production, craft, and repair .....	10.9	10.9	18.4	18.3	2.1	2.2
Operators, fabricators, and laborers .....	14.5	14.3	20.3	20.1	7.7	7.5
Machine operators, assemblers, and inspectors .....	6.3	6.1	7.4	7.1	5.2	5.0
Transportation and material moving occupations .....	4.2	4.3	7.1	7.2	.8	.9
Handlers, equipment cleaners, helpers, and laborers .....	3.9	3.9	5.8	5.9	1.7	1.6
Farming, forestry, and fishing .....	3.0	3.0	4.5	4.4	1.3	1.3
<b>White</b>						
Total, 16 years and over (thousands) .....	106,886	108,495	58,392	59,197	48,495	49,298
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	29.5	29.7	28.5	28.3	30.9	31.4
Executive, administrative, and managerial .....	14.6	14.7	15.5	15.2	13.6	14.2
Professional specialty .....	14.9	15.0	13.0	13.1	17.2	17.2
Technical, sales, and administrative support .....	30.0	29.8	19.7	19.5	42.5	42.2
Technicians and related support .....	3.2	3.1	2.8	2.7	3.7	3.7
Sales occupations .....	12.5	12.5	11.7	11.6	13.4	13.5
Administrative support, including clerical .....	14.3	14.2	5.2	5.2	25.4	25.0
Service occupations .....	12.3	12.4	9.0	9.3	16.2	16.1
Private household .....	.6	.6	( <sup>1</sup> )	.1	1.2	1.3
Protective service .....	1.6	1.6	2.6	2.6	.5	.5
Service, except private household and protective .....	10.0	10.1	6.3	6.7	14.5	14.3
Precision production, craft, and repair .....	11.3	11.3	19.0	19.0	2.0	2.1
Operators, fabricators, and laborers .....	13.7	13.5	19.2	19.1	7.0	6.9
Machine operators, assemblers, and inspectors .....	5.8	5.8	6.9	6.8	4.6	4.5
Transportation and material moving occupations .....	4.1	4.2	6.9	6.9	.8	.9
Handlers, equipment cleaners, helpers, and laborers .....	3.7	3.6	5.4	5.3	1.7	1.5
Farming, forestry, and fishing .....	3.3	3.3	4.8	4.8	1.4	1.4
<b>Black</b>						
Total, 16 years and over (thousands) .....	13,173	13,547	6,426	6,480	6,747	7,067
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	20.8	20.3	18.4	16.4	23.1	23.8
Executive, administrative, and managerial .....	9.9	9.6	9.8	8.4	9.9	10.6
Professional specialty .....	10.9	10.7	8.6	7.9	13.2	13.2
Technical, sales, and administrative support .....	29.0	27.8	17.1	17.6	40.2	37.1
Technicians and related support .....	2.9	2.7	2.4	1.9	3.5	3.4
Sales occupations .....	8.9	8.8	6.8	7.7	10.9	9.8
Administrative support, including clerical .....	17.1	16.3	8.0	8.1	25.8	23.8
Service occupations .....	20.1	22.2	17.0	17.9	23.1	26.1
Private household .....	.8	1.0	.1	.1	1.5	1.8
Protective service .....	3.0	2.8	4.8	4.5	1.3	1.2
Service, except private household and protective .....	16.3	18.4	12.1	13.4	20.3	23.0
Precision production, craft, and repair .....	8.7	7.7	15.3	13.8	2.4	2.1
Operators, fabricators, and laborers .....	20.2	20.9	30.1	32.0	10.8	10.7
Machine operators, assemblers, and inspectors .....	9.2	8.4	10.6	9.6	8.0	7.2
Transportation and material moving occupations .....	5.6	5.9	10.3	11.0	1.1	1.3
Handlers, equipment cleaners, helpers, and laborers .....	5.4	6.6	9.2	11.3	1.8	2.2
Farming, forestry, and fishing .....	1.2	1.2	2.1	2.3	.3	.1

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	September 1996												
	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 .....	3,607	119	109	38	16	179	-	32	29	11	32	11	3,032
Mining .....	592	91	52	20	13	40	-	3	209	22	122	21	-
Construction .....	8,105	1,232	181	36	40	426	-	33	4,568	85	577	907	21
Manufacturing .....	20,577	2,838	1,882	643	806	2,012	-	259	3,921	6,290	768	1,050	108
Durable goods .....	12,274	1,685	1,251	423	319	1,090	-	133	2,778	3,568	440	493	93
Nondurable goods .....	8,303	1,152	631	220	487	922	-	126	1,143	2,723	328	557	15
Transportation and public utilities .....	8,916	1,123	524	358	289	2,343	-	240	1,278	133	2,185	438	3
Wholesale and retail trade .....	26,656	2,483	499	173	11,072	2,404	-	5,048	1,454	330	1,145	1,968	81
Wholesale trade .....	4,999	609	97	49	2,085	753	-	47	306	130	470	396	57
Retail trade .....	21,657	1,874	402	124	8,987	1,651	-	5,001	1,148	201	675	1,572	24
Finance, insurance, and real estate .....	8,155	2,268	289	175	2,037	2,768	-	327	168	14	9	32	68
Services .....	45,170	6,562	14,227	2,331	1,107	6,836	834	8,863	2,057	869	573	494	418
Private households .....	986	2	12	1	2	5	834	63	7	1	5	6	45
Other service industries .....	44,184	6,559	14,215	2,330	1,105	6,830	-	8,800	2,050	867	568	488	372
Professional services .....	29,940	3,992	12,480	1,938	200	5,008	-	5,285	418	163	297	87	72
Public administration .....	5,752	1,320	961	213	26	1,325	-	1,561	198	24	50	38	36

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	September 1996									
	Agriculture			Nonagricultural industries						
	Wage and salary workers	Self-employed workers	Unpaid family workers	Wage and salary workers					Self-employed workers	Unpaid family workers
				Total	Private industries			Government		
Total	Private household workers	Other private industries								
Total, 16 years and over .....	1,899	1,616	92	114,960	96,909	976	95,932	18,052	8,825	138
16 to 19 years .....	210	36	31	6,030	5,791	111	5,679	239	84	9
16 to 17 years .....	93	29	18	2,481	2,418	49	2,368	63	41	7
18 to 19 years .....	117	7	13	3,549	3,373	62	3,311	176	43	3
20 to 24 years .....	263	55	11	11,444	10,492	135	10,357	953	215	11
25 to 34 years .....	507	264	26	29,871	26,090	171	25,919	3,781	1,616	24
35 to 44 years .....	500	365	4	31,806	26,246	169	26,076	5,560	2,695	28
45 to 54 years .....	225	334	8	22,887	17,771	183	17,588	5,116	2,352	31
55 to 64 years .....	120	285	10	10,209	8,195	136	8,059	2,014	1,237	32
65 years and over .....	74	278	1	2,714	2,326	70	2,255	388	625	3
Men, 16 years and over .....	1,438	1,183	47	60,562	52,518	107	52,411	8,045	5,357	27
16 to 19 years .....	166	35	28	3,007	2,919	22	2,897	88	23	-
16 to 17 years .....	72	27	18	1,206	1,183	16	1,166	23	12	2
18 to 19 years .....	94	8	11	1,801	1,736	5	1,731	65	11	-
20 to 24 years .....	203	51	2	5,979	5,520	19	5,502	459	122	1
25 to 34 years .....	408	203	14	16,111	14,382	26	14,356	1,728	937	4
35 to 44 years .....	356	268	-	16,744	14,320	15	14,305	2,424	1,628	2
45 to 54 years .....	161	223	-	11,770	9,524	13	9,511	2,246	1,490	2
55 to 64 years .....	87	189	2	5,444	4,519	3	4,516	926	756	12
65 years and over .....	56	215	1	1,508	1,334	11	1,323	174	402	2
Women, 16 years and over .....	461	433	45	54,398	44,391	869	43,522	10,007	3,467	111
16 to 19 years .....	45	1	3	3,023	2,872	90	2,782	151	61	7
16 to 17 years .....	21	2	-	1,275	1,235	33	1,202	40	29	4
18 to 19 years .....	23	-	3	1,748	1,637	57	1,580	111	32	2
20 to 24 years .....	60	4	9	5,465	4,971	116	4,855	494	93	10
25 to 34 years .....	99	61	13	13,760	11,707	145	11,562	2,053	679	19
35 to 44 years .....	144	97	5	15,062	11,925	155	11,771	3,137	1,068	26
45 to 54 years .....	64	111	8	11,117	8,247	170	8,077	2,870	863	28
55 to 64 years .....	32	96	8	4,765	3,676	133	3,543	1,089	482	20
65 years and over .....	17	63	-	1,206	992	59	933	214	223	1



**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Hours of work	September 1996					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over .....	123,186	3,445	119,741	100.0	100.0	100.0
1 to 34 hours .....	29,204	1,052	28,152	23.7	30.5	23.5
1 to 4 hours .....	1,167	87	1,080	.9	2.5	.9
5 to 14 hours .....	4,844	239	4,605	3.9	6.9	3.8
15 to 29 hours .....	14,696	497	14,199	11.9	14.4	11.9
30 to 34 hours .....	8,496	229	8,267	6.9	6.7	6.9
35 hours and over .....	93,983	2,393	91,589	76.3	69.5	76.5
35 to 39 hours .....	8,667	166	8,501	7.0	4.8	7.1
40 hours .....	44,575	749	43,826	36.2	21.7	36.6
41 hours and over .....	40,741	1,479	39,262	33.1	42.9	32.8
41 to 48 hours .....	14,701	256	14,445	11.9	7.4	12.1
49 to 59 hours .....	14,947	375	14,572	12.1	10.9	12.2
60 hours and over .....	11,093	848	10,245	9.0	24.6	8.6
Average hours, total at work .....	39.8	43.0	39.7	-	-	-
Average hours, persons who usually work full time .....	43.9	50.8	43.8	-	-	-

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

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

(Numbers in thousands)

Reason for working less than 35 hours	September 1996					
	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 .....	29,204	8,272	20,932	28,152	8,008	20,144
Economic reasons .....	4,012	1,303	2,708	3,852	1,238	2,614
Slack work or business conditions .....	2,215	1,063	1,152	2,114	1,016	1,098
Could only find part-time work .....	1,531	-	1,531	1,495	-	1,495
Seasonal work .....	66	40	26	48	27	21
Job started or ended during week .....	200	200	-	195	195	-
Noneconomic reasons .....	25,192	6,969	18,223	24,300	6,770	17,530
Child-care problems .....	902	81	821	890	81	808
Other family or personal obligations .....	5,302	658	4,645	5,116	643	4,473
Health or medical limitations .....	705	-	705	677	-	677
In school or training .....	6,533	120	6,413	6,314	112	6,202
Retired or Social Security limit on earnings .....	1,819	-	1,819	1,689	-	1,689
Vacation or personal day .....	2,920	2,920	-	2,857	2,857	-
Holiday, legal or religious .....	138	138	-	135	135	-
Weather-related curtailment .....	502	502	-	442	442	-
All other reasons .....	6,370	2,550	3,820	6,182	2,501	3,681
Average hours:						
Economic reasons .....	22.8	24.0	22.2	22.8	23.9	22.2
Other reasons .....	21.2	25.3	19.6	21.3	25.4	19.7

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

(Numbers in thousands)

Industry and class of worker	September 1996							
	Total at work	Worked 1 to 34 hours				Worked 35 hours or more	Average hours	
		Total	For economic reasons	For noneconomic reasons			Total at work	Persons who usually work full time
				Usually work full time	Usually work part time			
Total 16 years and over .....	119,741	28,152	3,852	6,770	17,530	91,589	39.7	43.8
Wage and salary workers .....	111,278	25,451	3,430	6,268	15,753	85,827	39.7	43.5
Mining .....	553	32	3	25	3	522	50.3	50.5
Construction .....	6,428	1,059	267	453	338	5,369	41.5	42.9
Manufacturing .....	19,660	2,206	270	1,189	746	17,453	43.0	43.9
Durable goods .....	11,744	1,097	111	675	312	10,647	43.6	44.3
Nondurable goods .....	7,915	1,109	160	515	434	6,806	42.0	43.4
Transportation and public utilities .....	8,103	1,198	204	488	506	6,905	42.8	44.5
Wholesale and retail trade .....	24,037	8,104	1,134	1,067	5,903	15,933	37.2	43.8
Finance, insurance, and real estate .....	7,226	1,224	86	411	727	6,002	40.5	42.8
Service industries .....	39,706	10,797	1,418	2,093	7,287	28,909	38.4	43.2
Private households .....	934	552	106	25	422	382	28.2	42.4
All other industries .....	38,772	10,245	1,312	2,068	6,865	28,527	38.6	43.3
Public administration .....	5,565	831	47	541	243	4,734	41.0	42.1
Self-employed workers .....	8,326	2,626	419	500	1,707	5,700	39.9	47.1
Unpaid family workers .....	138	75	3	2	70	62	33.5	( <sup>1</sup> )

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, race, and marital status	September 1996							
	Total at work	Worked 1 to 34 hours				Worked 35 hours or more	Average hours	
		Total	For economic reasons	For noneconomic reasons			Total at work	Persons who usually work full time
				Usually work full time	Usually work part time			
<b>TOTAL</b>								
Total, 16 years and over .....	119,741	28,152	3,852	6,770	17,530	91,589	39.7	43.8
16 to 19 years .....	5,961	4,331	307	204	3,820	1,630	24.4	39.3
16 to 17 years .....	2,455	2,280	41	23	2,216	174	17.5	36.7
18 to 19 years .....	3,506	2,050	266	181	1,604	1,456	29.3	39.7
20 years and over .....	113,780	23,822	3,545	6,567	13,710	89,959	40.5	43.8
20 to 24 years .....	11,360	3,821	722	623	2,476	7,539	36.2	41.8
25 years and over .....	102,420	20,000	2,823	5,944	11,233	82,420	41.0	44.0
25 to 54 years .....	88,451	15,576	2,452	5,118	8,006	72,875	41.7	44.1
55 years and over .....	13,969	4,424	371	826	3,227	9,545	37.0	43.1
<b>Men, 16 years and over .....</b>	<b>64,068</b>	<b>10,251</b>	<b>1,678</b>	<b>3,341</b>	<b>5,232</b>	<b>53,817</b>	<b>42.8</b>	<b>45.3</b>
16 to 19 years .....	2,956	1,974	115	124	1,736	981	26.2	39.7
16 to 17 years .....	1,185	1,077	18	11	1,048	108	18.5	37.9
18 to 19 years .....	1,771	898	97	112	688	874	31.3	39.9
20 years and over .....	61,112	8,276	1,562	3,217	3,497	52,835	43.6	45.4
20 to 24 years .....	5,999	1,652	313	339	1,000	4,347	38.3	42.7
25 years and over .....	55,113	6,624	1,250	2,878	2,496	48,488	44.1	45.6
25 to 54 years .....	47,401	4,709	1,102	2,427	1,180	42,692	44.9	45.8
55 years and over .....	7,711	1,915	148	451	1,316	5,796	39.5	44.5
<b>Women, 16 years and over .....</b>	<b>55,674</b>	<b>17,901</b>	<b>2,174</b>	<b>3,429</b>	<b>12,298</b>	<b>37,772</b>	<b>36.3</b>	<b>41.6</b>
16 to 19 years .....	3,005	2,356	191	80	2,085	649	22.7	38.8
16 to 17 years .....	1,270	1,204	23	12	1,169	66	16.6	34.9
18 to 19 years .....	1,735	1,153	168	68	916	583	27.3	39.3
20 years and over .....	52,669	15,545	1,983	3,349	10,213	37,123	37.1	41.7
20 to 24 years .....	5,361	2,169	409	284	1,476	3,192	34.0	40.6
25 years and over .....	47,308	13,376	1,574	3,065	8,737	33,932	37.4	41.8
25 to 54 years .....	41,050	10,867	1,350	2,691	6,826	30,183	38.0	41.9
55 years and over .....	6,257	2,509	223	375	1,911	3,749	33.8	41.1
<b>Race</b>								
White, 16 years and over .....	101,523	24,168	2,965	5,691	15,512	77,355	39.9	44.0
Men .....	55,074	8,601	1,307	2,823	4,471	46,474	43.1	45.6
Women .....	46,449	15,567	1,658	2,868	11,041	30,881	36.0	41.8
Black, 16 years and over .....	12,959	2,890	715	840	1,335	10,069	38.7	41.6
Men .....	6,170	1,165	277	393	496	5,005	40.3	42.8
Women .....	6,789	1,725	439	447	839	5,064	37.2	40.5
<b>Marital status</b>								
Men, 16 years and over:								
Married, spouse present .....	39,787	4,363	695	1,992	1,676	35,425	44.7	46.0
Widowed, divorced, or separated .....	7,301	1,077	263	442	373	6,223	43.3	45.1
Single (never married) .....	16,979	4,811	720	908	3,184	12,169	38.0	43.2
Women, 16 years and over:								
Married, spouse present .....	30,704	9,587	849	1,853	6,885	21,117	36.6	41.7
Widowed, divorced, or separated .....	11,229	2,939	529	869	1,540	8,291	38.1	41.7
Single (never married) .....	13,741	5,375	796	707	3,873	8,365	34.2	41.5

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

(Numbers in thousands)

Occupation and sex	September 1996							
	Total at work	Worked 1 to 34 hours				Worked 35 hours or more	Average hours	
		Total	For economic reasons	For noneconomic reasons			Total at work	Persons who usually work full time
				Usually work full time	Usually work part time			
Total, 16 years and over <sup>1</sup> .....	119,578	28,120	3,839	6,744	17,537	91,458	39.7	43.8
Managerial and professional specialty .....	35,574	6,025	559	1,835	3,631	29,549	42.6	45.5
Executive, administrative, and managerial .....	17,463	2,274	196	928	1,149	15,189	44.4	46.2
Professional specialty .....	18,111	3,751	362	907	2,481	14,360	40.9	44.7
Technical, sales, and administrative support .....	36,377	10,121	1,047	2,224	6,851	26,255	37.9	42.7
Technicians and related support .....	3,876	787	70	264	453	3,088	39.7	42.5
Sales occupations .....	14,840	4,340	531	672	3,138	10,500	39.1	45.1
Administrative support, including clerical .....	17,661	4,994	446	1,288	3,260	12,667	36.5	40.7
Service occupations .....	16,580	6,614	1,144	739	4,731	9,966	34.5	42.2
Private household .....	797	474	85	21	368	323	28.0	42.7
Protective service .....	2,103	336	46	114	176	1,767	43.2	45.7
Service, except private household and protective .....	13,680	5,804	1,013	605	4,187	7,875	33.6	41.4
Precision production, craft, and repair .....	13,439	1,828	422	840	567	11,611	42.6	43.8
Operators, fabricators, and laborers .....	17,608	3,532	669	1,106	1,757	14,077	40.6	43.3
Machine operators, assemblers, and inspectors .....	7,542	1,139	204	564	371	6,403	40.9	42.1
Transportation and material moving occupations .....	5,289	909	195	241	473	4,380	43.6	46.5
Handlers, equipment cleaners, helpers, and laborers .....	4,778	1,484	271	301	913	3,293	36.7	41.7
Men, 16 years and over <sup>1</sup> .....	63,724	10,124	1,661	3,308	5,155	53,601	42.8	45.3
Managerial and professional specialty .....	18,347	2,034	217	858	959	16,313	45.7	47.4
Executive, administrative, and managerial .....	9,713	885	99	464	322	8,828	47.1	48.2
Professional specialty .....	8,634	1,149	118	394	637	7,485	44.1	46.4
Technical, sales, and administrative support .....	13,000	2,188	244	690	1,254	10,812	42.6	45.4
Technicians and related support .....	1,789	216	15	135	66	1,573	42.8	43.8
Sales occupations .....	7,500	1,179	122	294	763	6,321	44.1	47.2
Administrative support, including clerical .....	3,711	792	107	261	424	2,918	39.4	42.5
Service occupations .....	6,816	2,038	371	281	1,386	4,778	37.6	43.6
Private household .....	41	22	3	4	15	19	( <sup>2</sup> )	( <sup>2</sup> )
Protective service .....	1,767	233	25	83	125	1,534	44.4	46.6
Service, except private household and protective .....	5,008	1,783	342	194	1,247	3,225	35.3	42.3
Precision production, craft, and repair .....	12,192	1,511	366	740	404	10,681	42.9	44.0
Operators, fabricators, and laborers .....	13,370	2,354	463	739	1,151	11,017	41.6	44.2
Machine operators, assemblers, and inspectors .....	4,717	518	92	279	147	4,200	42.1	43.0
Transportation and material moving occupations .....	4,776	688	157	219	312	4,087	44.7	47.0
Handlers, equipment cleaners, helpers, and laborers .....	3,877	1,148	214	241	692	2,730	37.3	42.0
Women, 16 years and over <sup>1</sup> .....	55,853	17,996	2,178	3,435	12,382	37,857	36.3	41.6
Managerial and professional specialty .....	17,227	3,991	342	977	2,672	13,236	39.3	43.2
Executive, administrative, and managerial .....	7,751	1,389	97	465	827	6,362	41.0	43.6
Professional specialty .....	9,477	2,602	244	513	1,845	6,874	37.9	42.8
Technical, sales, and administrative support .....	23,377	7,934	802	1,534	5,597	15,443	35.3	40.8
Technicians and related support .....	2,087	571	55	129	387	1,516	37.1	41.1
Sales occupations .....	7,340	3,161	409	378	2,374	4,179	34.0	42.2
Administrative support, including clerical .....	13,950	4,202	339	1,027	2,836	9,748	35.8	40.2
Service occupations .....	9,765	4,576	774	458	3,345	5,188	32.4	40.9
Private household .....	757	452	82	17	353	305	28.2	43.0
Protective service .....	336	103	21	31	52	233	36.8	40.4
Service, except private household and protective .....	8,672	4,022	671	410	2,940	4,650	32.6	40.8
Precision production, craft, and repair .....	1,246	317	55	99	162	929	39.0	42.2
Operators, fabricators, and laborers .....	4,238	1,178	206	367	606	3,060	37.1	40.5
Machine operators, assemblers, and inspectors .....	2,825	621	112	286	224	2,204	38.8	40.5
Transportation and material moving occupations .....	513	221	38	22	161	293	33.4	40.5
Handlers, equipment cleaners, helpers, and laborers .....	900	337	56	59	221	564	34.2	40.3

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

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-26. Unemployed persons by marital status, race, age, and sex**

Marital status, race, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996
Total, 16 years and over .....	3,642	3,413	5.1	4.7	3,525	3,287	5.8	5.3
Married, spouse present .....	1,328	1,181	3.0	2.7	1,393	1,188	4.1	3.5
Widowed, divorced, or separated .....	475	483	5.9	5.8	635	719	5.2	5.7
Single (never married) .....	1,839	1,749	9.5	8.8	1,497	1,380	9.8	8.8
White, 16 years and over .....	2,680	2,482	4.4	4.0	2,472	2,297	4.9	4.5
Married, spouse present .....	1,070	951	2.8	2.5	1,138	1,000	3.8	3.4
Widowed, divorced, or separated .....	362	346	5.4	5.0	460	520	4.7	5.2
Single (never married) .....	1,248	1,185	7.9	7.3	874	777	7.5	6.6
Black, 16 years and over .....	748	789	10.4	10.8	865	796	11.4	10.1
Married, spouse present .....	174	178	5.1	5.3	166	109	6.4	4.2
Widowed, divorced, or separated .....	91	126	9.0	10.7	147	147	7.2	6.9
Single (never married) .....	484	485	17.4	17.6	553	540	18.5	17.3
Total, 25 years and over .....	2,304	2,207	3.8	3.6	2,247	2,166	4.4	4.1
Married, spouse present .....	1,220	1,099	2.9	2.6	1,221	1,062	3.8	3.3
Widowed, divorced, or separated .....	454	459	5.8	5.7	571	657	4.8	5.4
Single (never married) .....	630	650	6.3	6.1	455	446	6.0	5.7
White, 25 years and over .....	1,746	1,628	3.4	3.1	1,649	1,553	3.8	3.6
Married, spouse present .....	990	886	2.6	2.4	1,010	900	3.6	3.2
Widowed, divorced, or separated .....	351	322	5.4	4.8	404	470	4.3	4.9
Single (never married) .....	405	419	5.1	4.9	235	183	4.3	3.3
Black, 25 years and over .....	425	495	7.2	8.2	464	460	7.4	7.0
Married, spouse present .....	153	164	4.7	5.0	132	87	5.3	3.5
Widowed, divorced, or separated .....	85	126	8.6	10.9	140	135	7.1	6.6
Single (never married) .....	187	205	11.7	12.5	192	238	10.7	12.1

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996
Total, 16 years and over <sup>1</sup> .....	7,167	6,700	5.4	5.0	5.1	4.7	5.8	5.3
Managerial and professional specialty .....	942	946	2.6	2.5	2.2	2.3	3.0	2.7
Executive, administrative, and managerial .....	453	492	2.5	2.7	2.1	2.5	3.1	2.8
Professional specialty .....	489	454	2.6	2.4	2.3	2.2	2.9	2.6
Technical, sales, and administrative support .....	1,791	1,806	4.6	4.6	3.5	4.2	5.1	4.8
Technicians and related support .....	127	132	3.1	3.2	2.5	3.5	3.6	2.9
Sales occupations .....	797	801	5.0	4.9	3.1	3.6	6.9	6.3
Administrative support, including clerical .....	867	873	4.5	4.5	4.9	5.8	4.4	4.2
Service occupations .....	1,360	1,259	7.6	6.8	7.3	5.9	7.8	7.5
Private household .....	102	83	11.3	9.1	( <sup>2</sup> )	( <sup>2</sup> )	10.7	8.8
Protective service .....	95	73	4.1	3.2	3.5	2.4	7.5	7.4
Service, except private household and protective .....	1,163	1,103	7.9	7.2	8.5	7.0	7.5	7.4
Precision production, craft, and repair .....	770	692	5.3	4.7	5.3	4.7	5.5	4.8
Mechanics and repairers .....	189	166	4.0	3.5	4.1	3.6	2.9	1.2
Construction trades .....	458	374	8.0	6.7	7.9	6.8	12.8	2.1
Other precision production, craft, and repair .....	122	152	3.0	3.6	2.4	2.8	4.9	5.9
Operators, fabricators, and laborers .....	1,477	1,242	7.5	6.4	7.1	6.1	8.7	7.3
Machine operators, assemblers, and inspectors .....	550	537	6.5	6.5	5.5	6.1	8.1	7.0
Transportation and material moving occupations .....	340	225	6.0	4.0	5.9	3.7	7.6	6.3
Handlers, equipment cleaners, helpers, and laborers .....	587	480	10.7	8.8	10.6	8.9	10.9	8.6
Construction laborers .....	184	105	17.7	10.9	17.1	10.8	( <sup>2</sup> )	( <sup>2</sup> )
Other handlers, equipment cleaners, helpers, and laborers .....	403	375	9.0	8.4	8.7	8.4	10.0	8.3
Farming, forestry, and fishing .....	248	230	6.1	5.7	5.4	6.0	8.9	4.8
No previous work experience .....	555	500	-	-	-	-	-	-
16 to 19 years .....	383	363	-	-	-	-	-	-
20 to 24 years .....	89	44	-	-	-	-	-	-
25 years and over .....	83	93	-	-	-	-	-	-

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

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996
Total, 16 years and over .....	7,167	6,700	5.4	5.0	5.1	4.7	5.8	5.3
Nonagricultural private wage and salary workers .....	5,573	5,142	5.6	5.0	5.2	4.8	6.0	5.4
Mining .....	18	28	3.1	4.7	3.4	4.9	1.3	3.3
Construction .....	645	479	9.9	7.2	10.2	7.5	6.6	4.2
Manufacturing .....	974	840	4.6	4.0	3.9	3.8	6.1	4.6
Durable goods .....	502	476	4.0	3.8	3.8	3.6	4.7	4.5
Lumber and wood products .....	48	37	6.2	5.2	5.7	5.1	9.6	5.8
Furniture and fixtures .....	22	52	3.4	7.4	3.1	6.9	4.1	8.6
Stone, clay, and glass products .....	22	15	3.9	2.7	4.0	2.4	3.7	3.9
Primary metal industries .....	23	24	2.8	3.0	2.5	3.5	3.8	-
Fabricated metal products .....	51	54	3.7	4.0	3.3	4.2	5.2	3.2
Machinery and computing equipment .....	71	98	2.9	3.9	2.5	3.6	4.0	5.0
Electrical machinery, equipment, and supplies .....	70	70	3.6	3.5	3.2	2.9	4.2	4.8
Transportation equipment .....	118	70	5.0	2.9	5.7	2.6	2.4	3.9
Automobiles .....	62	40	4.6	2.8	5.3	2.7	2.2	3.1
Other transportation equipment .....	56	31	5.6	3.0	6.2	2.4	2.9	5.0
Professional and photographic equipment .....	13	22	1.7	3.0	1.5	2.2	2.1	4.2
Other durable goods industries .....	64	33	8.7	4.9	6.4	7.0	11.9	3.8
Nondurable goods .....	472	364	5.5	4.3	4.1	4.1	7.4	4.6
Food and kindred products .....	112	93	6.1	5.1	4.3	5.7	9.1	3.8
Textile mill products .....	40	30	6.1	4.7	4.7	4.7	7.6	4.7
Apparel and other textile products .....	118	64	11.2	6.2	9.3	4.1	12.0	7.1
Paper and allied products .....	19	14	2.7	2.1	2.4	1.5	3.9	4.0
Printing and publishing .....	66	84	3.8	4.6	3.9	5.0	3.7	4.0
Chemicals and allied products .....	48	37	3.6	2.9	2.4	2.6	6.0	3.5
Rubber and miscellaneous plastics products .....	46	35	5.1	4.1	4.8	3.2	5.9	5.6
Other nondurable goods industries .....	24	7	5.8	1.9	5.6	3.0	6.1	.4
Transportation and public utilities .....	296	271	4.2	3.8	4.0	4.2	4.6	2.9
Transportation .....	232	200	5.3	4.5	5.4	5.0	5.3	3.2
Communications and other public utilities .....	63	70	2.3	2.6	1.6	2.6	3.7	2.6
Wholesale and retail trade .....	1,756	1,535	6.8	5.8	5.5	5.0	8.2	6.8
Wholesale trade .....	189	156	3.9	3.2	3.5	3.0	4.6	3.7
Retail trade .....	1,568	1,379	7.5	6.4	6.2	5.6	8.6	7.2
Finance, insurance, and real estate .....	226	251	3.2	3.3	2.5	3.4	3.6	3.3
Service industries .....	1,658	1,738	5.2	5.3	5.2	4.9	5.2	5.5
Professional services .....	732	697	3.9	3.6	3.9	3.7	3.8	3.5
Other service industries .....	926	1,041	7.3	7.7	6.4	5.9	8.2	9.5
Agricultural wage and salary workers .....	189	188	9.3	9.0	8.2	9.4	13.1	7.7
Government, self-employed, and unpaid family workers .....	850	870	2.9	2.9	2.6	2.9	3.1	3.0
No previous work experience .....	555	500	-	-	-	-	-	-

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

(Numbers in thousands)

Reason	Total, 16 years and over		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years		White		Black	
	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996
<b>NUMBER OF UNEMPLOYED</b>												
Total unemployed .....	7,167	6,700	2,957	2,788	2,934	2,772	1,277	1,140	5,152	4,780	1,613	1,585
Job losers and persons who completed temporary jobs .....	3,017	2,812	1,729	1,669	1,076	985	211	158	2,346	2,037	525	648
On temporary layoff .....	635	674	373	402	229	232	32	40	530	504	63	136
Not on temporary layoff .....	2,382	2,138	1,356	1,267	847	753	179	117	1,815	1,533	462	511
Permanent job losers .....	1,653	1,450	958	898	626	489	69	62	1,303	1,070	281	307
Persons who completed temporary jobs .....	728	688	398	369	221	264	109	55	512	463	180	204
Job leavers .....	961	892	372	370	486	414	102	108	758	685	153	165
Reentrants .....	2,635	2,495	781	725	1,273	1,259	581	511	1,721	1,748	750	627
New entrants .....	555	500	74	23	98	114	383	363	328	310	185	145
<b>PERCENT DISTRIBUTION</b>												
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs .....	42.1	42.0	58.5	59.9	36.7	35.5	16.5	13.8	45.5	42.6	32.6	40.9
On temporary layoff .....	8.9	10.1	12.6	14.4	7.8	8.4	2.5	3.5	10.3	10.5	3.9	8.6
Not on temporary layoff .....	33.2	31.9	45.9	45.5	28.9	27.2	14.0	10.3	35.2	32.1	28.6	32.3
Job leavers .....	13.4	13.3	12.6	13.3	16.6	14.9	8.0	9.5	14.7	14.3	9.5	10.4
Reentrants .....	36.8	37.2	26.4	26.0	43.4	45.4	45.5	44.8	33.4	36.6	46.5	39.5
New entrants .....	7.7	7.5	2.5	.8	3.3	4.1	30.0	31.8	6.4	6.5	11.5	9.1
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>												
Job losers and persons who completed temporary jobs .....	2.3	2.1	2.6	2.4	1.9	1.7	2.8	2.1	2.1	1.8	3.6	4.3
Job leavers .....	.7	.7	.6	.5	.8	.7	1.4	1.4	.7	.6	1.0	1.1
Reentrants .....	2.0	1.9	1.2	1.1	2.2	2.1	7.8	6.8	1.5	1.5	5.1	4.1
New entrants .....	.4	.4	.1	( <sup>1</sup> )	.2	.2	5.1	4.8	.3	.3	1.3	1.0

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



**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Reason, sex, and age	September 1996						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over .....	6,700	100.0	38.5	29.8	31.7	14.0	17.7
Job losers and persons who completed temporary jobs .....	2,812	100.0	36.1	30.4	33.4	15.5	18.0
On temporary layoff .....	674	100.0	62.7	24.9	12.4	10.0	2.4
Not on temporary layoff .....	2,138	100.0	27.8	32.2	40.1	17.2	22.9
Permanent job losers .....	1,450	100.0	22.2	32.2	45.6	19.4	26.2
Persons who completed temporary jobs .....	688	100.0	39.5	32.1	28.4	12.5	15.8
Job leavers .....	892	100.0	50.6	28.8	20.6	10.4	10.2
Reentrants .....	2,495	100.0	38.8	28.2	33.0	13.1	19.9
New entrants .....	500	100.0	28.8	36.3	34.9	16.2	18.7
Men, 20 years and over .....	2,788	100.0	35.8	26.8	37.4	15.2	22.3
Job losers and persons who completed temporary jobs .....	1,669	100.0	35.6	28.2	36.2	15.9	20.3
On temporary layoff .....	402	100.0	63.9	21.9	14.1	10.3	3.8
Not on temporary layoff .....	1,267	100.0	26.6	30.2	43.2	17.6	25.5
Permanent job losers .....	898	100.0	22.4	30.0	47.6	18.5	29.2
Persons who completed temporary jobs .....	369	100.0	36.8	30.8	32.4	15.7	16.7
Job leavers .....	370	100.0	53.5	22.5	24.0	8.9	15.1
Reentrants .....	725	100.0	28.0	25.7	46.3	16.4	29.9
New entrants .....	23	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women, 20 years and over .....	2,772	100.0	37.4	31.3	31.2	14.3	16.9
Job losers and persons who completed temporary jobs .....	985	100.0	34.2	33.1	32.7	16.6	16.1
On temporary layoff .....	232	100.0	56.5	31.8	11.7	11.3	4
Not on temporary layoff .....	753	100.0	27.4	33.5	39.1	18.3	20.9
Permanent job losers .....	489	100.0	20.6	34.3	45.1	22.3	22.8
Persons who completed temporary jobs .....	264	100.0	39.8	32.1	28.1	10.7	17.4
Job leavers .....	414	100.0	40.9	37.5	21.6	13.2	8.4
Reentrants .....	1,259	100.0	40.7	27.6	31.7	12.5	19.1
New entrants .....	114	100.0	16.4	34.7	48.9	18.1	30.8
Both sexes, 16 to 19 years .....	1,140	100.0	47.9	33.4	18.6	10.1	8.5
Job losers and persons who completed temporary jobs .....	158	100.0	54.0	37.3	8.8	3.6	5.2
On temporary layoff .....	40	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Not on temporary layoff .....	117	100.0	42.9	44.9	12.1	5.1	7.0
Permanent job losers .....	62	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Persons who completed temporary jobs .....	55	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Job leavers .....	108	100.0	77.9	17.0	5.1	5.1	-
Reentrants .....	511	100.0	49.6	33.0	17.4	9.6	7.9
New entrants .....	363	100.0	34.0	37.3	28.7	15.1	13.5

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

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

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996
Total, 16 years and over .....	7,167	6,700	100.0	100.0	5,584	5,248	100.0	100.0
Less than 5 weeks .....	2,916	2,581	40.7	38.5	1,997	1,739	35.8	33.1
5 to 14 weeks .....	2,075	1,998	28.9	29.8	1,683	1,646	30.1	31.4
5 to 10 weeks .....	1,339	1,254	18.7	18.7	1,050	1,000	18.8	19.0
11 to 14 weeks .....	735	744	10.3	11.1	633	646	11.3	12.3
15 weeks and over .....	2,176	2,122	30.4	31.7	1,904	1,864	34.1	35.5
15 to 26 weeks .....	953	935	13.3	14.0	813	807	14.6	15.4
27 weeks and over .....	1,223	1,187	17.1	17.7	1,091	1,057	19.5	20.1
27 to 51 weeks .....	538	524	7.5	7.8	480	493	8.6	9.4
52 weeks and over .....	685	662	9.6	9.9	611	564	10.9	10.8
Average (mean) duration, in weeks .....	16.2	16.9	-	-	18.0	18.6	-	-
Median duration, in weeks .....	7.8	8.5	-	-	9.2	9.9	-	-

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

Sex, age, race, and marital status	September 1996								
	Thousands of persons						Weeks		
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over			Average (mean) duration	Median duration	
				Total	15 to 26 weeks	27 weeks and over			
<b>TOTAL</b>									
Total, 16 years and over .....	6,700	2,581	1,998	2,122	935	1,187	16.9	8.5	
16 to 19 years .....	1,140	547	381	212	115	97	10.7	5.3	
20 to 24 years .....	1,187	584	345	258	132	126	11.8	5.0	
25 to 34 years .....	1,622	615	455	552	279	273	16.9	8.9	
35 to 44 years .....	1,455	447	443	566	235	330	20.4	10.7	
45 to 54 years .....	790	245	243	302	106	196	21.8	11.4	
55 to 64 years .....	371	99	108	165	51	113	24.4	12.3	
65 years and over .....	134	45	22	66	16	50	29.9	14.0	
<b>Men, 16 years and over</b> .....	<b>3,413</b>	<b>1,291</b>	<b>960</b>	<b>1,162</b>	<b>483</b>	<b>679</b>	<b>18.1</b>	<b>9.1</b>	
16 to 19 years .....	626	294	212	119	60	59	10.8	6.3	
20 to 24 years .....	580	325	139	116	59	57	11.1	4.0	
25 to 34 years .....	739	264	209	266	124	142	18.4	9.9	
35 to 44 years .....	751	199	229	323	139	184	21.2	12.1	
45 to 54 years .....	442	133	96	212	67	145	26.3	13.9	
55 to 64 years .....	217	56	63	98	25	73	25.7	12.0	
65 years and over .....	59	20	10	29	10	19	( <sup>1</sup> )	( <sup>1</sup> )	
<b>Women, 16 years and over</b> .....	<b>3,287</b>	<b>1,290</b>	<b>1,038</b>	<b>959</b>	<b>452</b>	<b>507</b>	<b>15.7</b>	<b>8.0</b>	
16 to 19 years .....	515	252	169	93	54	39	10.5	4.8	
20 to 24 years .....	607	259	206	142	73	69	12.4	7.0	
25 to 34 years .....	884	352	246	286	155	131	15.6	8.2	
35 to 44 years .....	704	248	214	243	97	146	19.4	9.5	
45 to 54 years .....	348	112	147	90	39	51	16.0	8.8	
55 to 64 years .....	155	43	45	67	27	41	22.7	12.5	
65 years and over .....	75	25	13	37	6	31	29.9	14.5	
<b>Race</b>									
White, 16 years and over .....	4,780	2,025	1,394	1,361	595	766	15.6	7.4	
Men .....	2,482	1,008	701	773	318	454	17.1	8.3	
Women .....	2,297	1,017	692	588	276	312	13.9	6.5	
Black, 16 years and over .....	1,585	435	488	662	296	366	20.9	11.5	
Men .....	789	231	212	345	148	197	21.1	12.5	
Women .....	796	203	276	317	149	169	20.7	10.3	
<b>Marital status</b>									
<b>Men, 16 years and over:</b>									
Married, spouse present .....	1,181	381	310	491	209	283	20.9	11.3	
Widowed, divorced, or separated .....	483	162	121	199	64	135	22.5	11.1	
Single (never married) .....	1,749	748	529	472	211	262	15.0	7.7	
<b>Women, 16 years and over:</b>									
Married, spouse present .....	1,188	550	334	304	144	159	14.1	6.2	
Widowed, divorced, or separated .....	719	205	247	267	91	176	21.4	10.5	
Single (never married) .....	1,380	535	457	389	216	172	14.2	7.9	

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Occupation and industry	September 1996							
	Thousands of persons						Weeks	
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over			Average (mean) duration	Median duration
				Total	15 to 26 weeks	27 weeks and over		
<b>OCCUPATION</b>								
Managerial and professional specialty .....	946	331	280	334	153	181	18.0	9.8
Technical, sales, and administrative support .....	1,806	720	535	550	258	292	15.9	8.1
Service occupations .....	1,259	538	362	359	167	192	14.8	7.7
Precision production, craft, and repair .....	692	240	211	241	103	138	19.1	9.1
Operators, fabricators, and laborers .....	1,242	448	378	416	146	270	18.8	9.3
Farming, forestry, and fishing .....	230	145	43	42	24	18	9.9	3.6
<b>INDUSTRY<sup>1</sup></b>								
Agriculture .....	188	110	40	38	22	15	10.2	3.8
Construction .....	499	214	144	141	65	77	14.5	7.2
Manufacturing .....	850	260	266	324	117	207	19.8	10.5
Durable goods .....	485	153	148	184	62	122	20.1	10.6
Nondurable goods .....	365	107	118	140	55	85	19.4	10.4
Transportation and public utilities .....	314	100	83	131	64	67	18.2	10.4
Wholesale and retail trade .....	1,550	644	460	446	204	242	15.1	7.9
Finance, insurance, and real estate .....	263	94	78	91	35	56	18.1	9.0
Services .....	1,999	797	601	602	287	315	16.8	8.3
Public administration .....	178	59	48	71	23	48	23.1	9.4
No previous work experience .....	500	144	182	174	81	93	19.8	10.1

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

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

(In thousands)

Category	Total		Age						Sex			
	Sept. 1995	Sept. 1996	16 to 24 years		25 to 54 years		55 years and over		Men		Women	
			Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996
	Total not in the labor force .....	66,664	66,831	11,583	11,661	18,687	18,409	36,394	36,761	24,109	24,419	42,556
Do not want a job now <sup>1</sup> .....	61,150	61,612	9,656	9,810	16,082	15,945	35,412	35,857	22,009	22,472	39,141	39,140
Want a job <sup>1</sup> .....	5,514	5,219	1,926	1,851	2,606	2,464	982	904	2,100	1,948	3,414	3,271
Did not search for work in previous year .....	3,194	3,087	1,062	947	1,415	1,431	718	709	1,160	1,042	2,035	2,045
Searched for work in previous year <sup>2</sup> .....	2,320	2,132	865	904	1,191	1,033	264	195	940	906	1,380	1,226
Not available to work now .....	737	614	312	277	367	310	58	27	261	225	476	390
Available to work now .....	1,583	1,518	552	627	824	723	206	167	679	681	903	836
Reason not currently looking:												
Discouragement over job prospects <sup>3</sup> .....	341	391	95	95	182	232	64	64	193	218	148	173
Reasons other than discouragement .....	1,242	1,127	457	533	643	491	143	103	487	464	755	663
Family responsibilities .....	230	195	49	33	166	148	15	14	23	36	207	159
In school or training .....	222	291	201	256	21	32	-	4	124	137	99	155
Ill health or disability .....	159	93	16	14	96	59	46	20	74	50	85	42
Other <sup>4</sup> .....	631	548	190	230	360	253	81	66	266	241	365	307

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

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

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

discrimination.

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

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

(Numbers in thousands)

Characteristic	Both sexes				Men				Women			
	Number		Rate <sup>1</sup>		Number		Rate <sup>1</sup>		Number		Rate <sup>1</sup>	
	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996
<b>AGE</b>												
Total, 16 years and over <sup>2</sup> .....	7,666	7,808	6.1	6.1	4,157	4,197	6.1	6.1	3,510	3,611	6.1	6.1
16 to 19 years .....	318	296	5.2	4.6	138	144	4.3	4.4	181	151	6.1	4.8
20 years and over .....	7,348	7,512	6.2	6.2	4,019	4,053	6.2	6.2	3,329	3,460	6.1	6.2
20 to 24 years .....	812	826	6.7	6.9	406	386	6.2	6.1	406	440	7.4	7.8
25 years and over .....	6,535	6,686	6.1	6.1	3,613	3,667	6.2	6.2	2,923	3,019	6.0	6.0
25 to 54 years .....	5,855	6,000	6.4	6.4	3,228	3,269	6.5	6.5	2,627	2,731	6.2	6.3
55 years and over .....	681	686	4.4	4.4	385	397	4.6	4.6	296	289	4.3	4.2
55 to 64 years .....	569	562	4.9	4.7	321	314	5.1	4.8	248	248	4.7	4.6
65 years and over .....	111	124	3.0	3.4	64	84	3.0	3.8	48	40	2.9	2.7
<b>RACE AND HISPANIC ORIGIN</b>												
White .....	6,822	6,845	6.4	6.3	3,714	3,679	6.4	6.2	3,109	3,166	6.4	6.4
Black .....	634	705	4.8	5.2	329	389	5.1	6.0	305	315	4.5	4.5
Hispanic origin .....	453	405	4.0	3.4	278	236	4.1	3.3	175	169	3.8	3.5
<b>MARITAL STATUS</b>												
Married, spouse present .....	4,402	4,514	5.9	6.0	2,716	2,717	6.4	6.4	1,686	1,797	5.2	5.5
Widowed, divorced, or separated .....	1,242	1,307	6.5	6.7	398	459	5.3	5.9	845	848	7.3	7.2
Single (never married) .....	2,022	1,987	6.4	6.1	1,043	1,021	5.9	5.6	979	966	7.1	6.7
<b>FULL- OR PART-TIME STATUS</b>												
Primary job full time, secondary job part time .....	4,395	4,253	-	-	2,669	2,565	-	-	1,726	1,688	-	-
Primary and secondary jobs both part time .....	1,662	1,714	-	-	490	506	-	-	1,173	1,208	-	-
Primary and secondary jobs both full time .....	287	258	-	-	205	199	-	-	82	58	-	-
Hours vary on primary or secondary job .....	1,296	1,547	-	-	790	914	-	-	506	633	-	-

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

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

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

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

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	Sept. 1995	Sept. 1996	Total		Employed		Unemployed			
			Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996	Number		Percent of labor force	
							Sept. 1995	Sept. 1996	Sept. 1995	Sept. 1996
<b>VIETNAM-ERA VETERANS</b>										
Total, 40 years and over .....	7,658	7,746	6,608	6,561	6,429	6,337	179	224	2.7	3.4
40 to 54 years .....	6,562	6,469	5,961	5,814	5,788	5,623	173	191	2.9	3.3
40 to 44 years .....	1,441	1,187	1,321	1,067	1,274	1,008	48	59	3.6	5.5
45 to 49 years .....	3,241	3,049	2,955	2,757	2,877	2,675	79	83	2.7	3.0
50 to 54 years .....	1,880	2,233	1,684	1,990	1,637	1,940	47	49	2.8	2.5
55 years and over .....	1,096	1,277	647	747	641	714	6	33	.9	4.4
<b>NONVETERANS</b>										
Total, 40 to 54 years .....	17,538	18,485	15,755	16,803	15,269	16,254	486	548	3.1	3.3
40 to 44 years .....	8,191	8,609	7,501	7,990	7,284	7,738	217	252	2.9	3.2
45 to 49 years .....	5,316	5,893	4,794	5,373	4,653	5,201	141	172	2.9	3.2
50 to 54 years .....	4,032	3,984	3,460	3,439	3,332	3,315	128	124	3.7	3.6

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.

**ESTABLISHMENT DATA  
HISTORICAL EMPLOYMENT**

**B-1. Employees on nonfarm payrolls by major industry, 1946 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
Annual averages															
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	( <sup>1</sup> )	( <sup>1</sup> )
1956	52,369	45,091	21,104	822	3,039	17,243	31,264	4,244	3,027	7,831	2,389	6,497	2,209	( <sup>1</sup> )	( <sup>1</sup> )
1957	52,855	45,239	20,967	828	2,962	17,176	31,889	4,241	3,037	7,848	2,438	6,708	2,217	1,328	4,071
1958	51,322	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	4,230
1959 <sup>2</sup>	53,270	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	60,763	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	44,158	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	71,211	58,331	22,935	609	3,704	18,623	48,276	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	56,030	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	91,152	75,121	25,497	1,139	4,188	20,170	65,655	5,165	5,375	15,171	5,298	18,615	2,772	3,640	9,619
1982	89,544	73,707	23,812	1,128	3,904	18,780	65,732	5,081	5,295	15,158	5,340	19,021	2,739	3,640	9,458
1983	90,152	74,282	23,330	952	3,946	18,432	66,821	4,952	5,283	15,587	5,466	19,664	2,774	3,662	9,434
1984	94,408	78,384	24,718	966	4,380	19,372	69,690	5,156	5,568	16,512	5,684	20,746	2,807	3,734	9,482
1985	97,387	80,992	24,842	927	4,668	19,248	72,544	5,233	5,727	17,315	5,948	21,927	2,875	3,832	9,687
1986	99,344	82,651	24,533	777	4,810	18,947	74,811	5,247	5,761	17,880	6,273	22,957	2,899	3,893	9,901
1987	101,958	84,948	24,674	717	4,958	18,999	77,284	5,362	5,848	18,422	6,533	24,110	2,943	3,967	10,100
1988	105,210	87,824	25,125	713	5,098	19,314	80,086	5,514	6,030	19,023	6,630	25,504	2,971	4,076	10,339
1989	107,895	90,117	25,254	692	5,171	19,391	82,642	5,625	6,187	19,475	6,668	26,907	2,988	4,182	10,609
1990	109,419	91,115	24,905	709	5,120	19,076	84,514	5,793	6,173	19,601	6,709	27,934	3,085	4,305	10,914
1991	108,256	89,854	23,745	689	4,650	18,406	84,511	5,762	6,081	19,284	6,646	28,336	2,966	4,355	11,081
1992	108,604	89,959	23,231	635	4,492	18,104	85,373	5,721	5,997	19,356	6,602	29,052	2,969	4,408	11,267
1993	110,730	91,889	23,352	610	4,668	18,075	87,378	5,829	5,981	19,773	6,757	30,197	2,915	4,488	11,438
1994	114,172	95,044	23,908	601	4,966	18,321	90,264	5,993	6,162	20,507	6,896	31,579	2,870	4,576	11,682
1995	117,203	97,892	24,206	580	5,158	18,468	92,997	6,165	6,412	21,173	6,830	33,107	2,822	4,642	11,847
Monthly data, seasonally adjusted															
<b>1995:</b>															
September	117,623	98,298	24,176	574	5,187	18,415	93,447	6,194	6,451	21,258	6,842	33,377	2,812	4,638	11,875
October	117,749	98,410	24,151	573	5,200	18,378	93,598	6,212	6,465	21,263	6,859	33,460	2,801	4,636	11,902
November	117,899	98,561	24,133	569	5,211	18,353	93,766	6,233	6,478	21,300	6,871	33,546	2,796	4,634	11,908
December	118,136	98,789	24,160	570	5,223	18,367	93,976	6,249	6,498	21,334	6,887	33,661	2,790	4,634	11,923
<b>1996:</b>															
January	118,070	98,734	24,112	569	5,234	18,309	93,958	6,254	6,512	21,268	6,894	33,694	2,783	4,625	11,928
February	118,579	99,214	24,254	573	5,349	18,332	94,325	6,270	6,529	21,340	6,919	33,902	2,780	4,636	11,949
March	118,750	99,356	24,196	574	5,341	18,281	94,554	6,292	6,548	21,350	6,931	34,039	2,780	4,639	11,975
April	118,922	99,527	24,209	573	5,353	18,283	94,713	6,294	6,550	21,415	6,942	34,117	2,776	4,643	11,976
May	119,332	99,873	24,263	576	5,384	18,303	95,069	6,309	6,567	21,485	6,964	34,285	2,776	4,655	12,028
June	119,537	100,091	24,274	575	5,401	18,298	95,263	6,329	6,575	21,568	6,967	34,378	2,756	4,654	12,036
July	119,072	100,288	24,264	570	5,427	18,267	95,508	6,333	6,585	21,671	6,987	34,448	2,752	4,659	12,073
August <sup>1</sup>	120,229	100,438	24,295	571	5,438	18,286	95,734	6,340	6,598	21,676	6,996	34,531	2,742	4,665	12,184
September <sup>2</sup>	119,989	100,479	24,245	569	5,447	18,229	95,744	6,343	6,603	21,698	7,005	34,585	2,737	4,665	12,108

<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 1995 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1995) and all seasonally adjusted data (beginning January 1992) are subject to revision.

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**B-2. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry, 1964 to date**

Year and month	Total private <sup>1</sup>			Mining			Construction		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
<b>Annual averages</b>									
1964 .....	38.7	\$2.36	\$91.33	41.9	\$2.81	\$117.74	37.2	\$3.55	\$132.06
1965 .....	38.8	2.46	95.45	42.3	2.92	123.52	37.4	3.70	138.38
1966 .....	38.6	2.56	98.82	42.7	3.05	130.24	37.6	3.89	146.26
1967 .....	38.0	2.68	101.84	42.6	3.19	135.89	37.7	4.11	154.95
1968 .....	37.8	2.85	107.73	42.6	3.35	142.71	37.3	4.41	164.49
1969 .....	37.7	3.04	114.61	43.0	3.60	154.80	37.9	4.79	181.54
1970 .....	37.1	3.23	119.83	42.7	3.85	164.40	37.3	5.24	195.45
1971 .....	36.9	3.45	127.31	42.4	4.06	172.14	37.2	5.69	211.67
1972 .....	37.0	3.70	136.90	42.6	4.44	189.14	36.5	6.06	221.19
1973 .....	36.9	3.94	145.39	42.4	4.75	201.40	36.8	6.41	235.89
1974 .....	36.5	4.24	154.76	41.9	5.23	219.14	36.6	6.81	249.25
1975 .....	36.1	4.53	163.53	41.9	5.95	249.31	36.4	7.31	266.08
1976 .....	36.1	4.86	175.45	42.4	6.46	273.90	36.8	7.71	283.73
1977 .....	36.0	5.25	189.00	43.4	6.94	301.20	36.5	8.10	295.65
1978 .....	35.8	5.69	203.70	43.4	7.67	332.88	36.8	8.66	318.69
1979 .....	35.7	6.16	219.91	43.0	8.49	365.07	37.0	9.27	342.99
1980 .....	35.3	6.66	235.10	43.3	9.17	397.06	37.0	9.94	367.78
1981 .....	35.2	7.25	255.20	43.7	10.04	438.75	36.9	10.82	399.26
1982 .....	34.8	7.68	267.26	42.7	10.77	459.88	36.7	11.63	426.82
1983 .....	35.0	8.02	280.70	42.5	11.28	479.40	37.1	11.94	442.97
1984 .....	35.2	8.32	292.86	43.3	11.63	503.58	37.8	12.13	458.51
1985 .....	34.9	8.57	299.09	43.4	11.98	519.93	37.7	12.32	464.46
1986 .....	34.8	8.76	304.85	42.2	12.46	525.81	37.4	12.48	466.75
1987 .....	34.8	8.98	312.50	42.4	12.54	531.70	37.8	12.71	480.44
1988 .....	34.7	9.28	322.02	42.3	12.80	541.44	37.9	13.08	495.73
1989 .....	34.6	9.66	334.24	43.0	13.26	570.18	37.9	13.54	513.17
1990 .....	34.5	10.01	345.35	44.1	13.68	603.29	38.2	13.77	526.01
1991 .....	34.3	10.32	353.98	44.4	14.19	630.04	38.1	14.00	533.40
1992 .....	34.4	10.57	363.61	43.9	14.54	638.31	38.0	14.15	537.70
1993 .....	34.5	10.83	373.64	44.3	14.60	646.78	38.5	14.38	553.63
1994 .....	34.7	11.12	385.86	44.8	14.88	666.62	38.9	14.73	573.00
1995 .....	34.5	11.44	394.68	44.7	15.30	683.91	38.8	15.08	585.10
<b>Monthly data, not seasonally adjusted</b>									
<b>1995:</b>									
September .....	34.6	\$11.55	\$399.63	45.4	\$15.35	\$696.89	39.9	\$15.34	\$612.07
October .....	34.7	11.60	402.52	45.4	15.34	696.44	40.1	15.34	615.13
November .....	34.4	11.59	398.70	44.8	15.35	687.68	38.6	15.24	588.26
December .....	34.5	11.61	400.55	45.0	15.54	699.30	38.1	15.13	576.45
<b>1996:</b>									
January .....	33.4	11.71	391.11	43.8	15.63	684.59	36.7	15.24	559.31
February .....	34.1	11.69	398.63	45.1	15.62	704.46	38.1	15.14	576.83
March .....	34.2	11.69	399.80	45.0	15.51	697.95	38.1	15.13	576.45
April .....	34.1	11.75	400.68	44.9	15.55	698.20	38.6	15.19	586.33
May .....	34.3	11.73	402.34	45.2	15.44	697.89	38.8	15.27	592.48
June .....	34.9	11.76	410.42	46.0	15.57	716.22	39.6	15.32	606.67
July .....	34.6	11.74	406.20	44.8	15.53	695.74	39.8	15.48	616.10
August <sup>p</sup> .....	34.8	11.76	409.25	45.2	15.51	701.05	39.8	15.55	618.89
September <sup>p</sup> .....	34.9	11.96	417.40	45.8	15.82	724.56	39.7	15.74	624.88

See footnotes at end of table.

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**B-2. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry, 1964 to date—Continued**

Year and month	Manufacturing				Transportation and public utilities			Wholesale trade		
	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages										
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	12.97	504.53	38.1	10.79	411.10
1991 .....	40.7	11.18	10.71	455.03	38.7	13.22	511.61	38.1	11.15	424.82
1992 .....	41.0	11.46	10.95	469.86	38.9	13.45	523.21	38.2	11.39	435.10
1993 .....	41.4	11.74	11.18	486.04	39.6	13.62	539.35	38.2	11.74	448.47
1994 .....	42.0	12.07	11.43	506.94	39.9	13.86	553.01	38.4	12.06	463.10
1995 .....	41.6	12.37	11.74	514.59	39.5	14.23	562.09	38.3	12.43	476.07
Monthly data, not seasonally adjusted										
<b>1995:</b>										
September .....	42.0	\$12.47	\$11.78	\$523.74	39.7	\$14.35	\$569.70	38.3	\$12.51	\$479.13
October .....	41.7	12.43	11.78	518.33	39.7	14.46	574.06	38.5	12.55	483.18
November .....	41.9	12.49	11.83	523.33	39.5	14.46	571.17	38.2	12.53	478.65
December .....	42.0	12.60	11.93	529.20	39.6	14.44	571.82	38.3	12.61	482.96
<b>1996:</b>										
January .....	39.8	12.66	12.06	503.87	38.5	14.45	556.33	37.6	12.65	475.64
February .....	41.3	12.57	11.97	519.14	39.4	14.45	569.33	38.0	12.66	481.08
March .....	41.3	12.54	11.94	517.90	39.5	14.44	570.38	38.1	12.67	482.73
April .....	41.2	12.73	12.11	524.48	39.2	14.49	568.01	38.1	12.76	486.16
May .....	41.6	12.71	12.08	528.74	39.3	14.43	567.10	38.2	12.72	485.90
June .....	41.9	12.75	12.10	534.23	40.1	14.47	580.25	38.8	12.85	498.58
July .....	41.1	12.79	12.16	525.67	39.8	14.51	577.50	38.1	12.80	487.68
August <sup>p</sup> .....	41.8	12.79	12.11	534.62	40.2	14.55	584.91	38.4	12.82	492.29
September <sup>p</sup> .....	42.3	12.90	12.18	545.67	40.3	14.66	590.80	38.6	13.00	501.80

See footnotes at end of table.

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**B-2. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry, 1964 to date—Continued**

Year and month	Retail trade			Finance, insurance, and real estate			Services		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages									
1964 .....	37.0	\$1.75	\$64.75	37.3	\$2.30	\$85.79	36.1	\$1.94	\$70.03
1965 .....	36.6	1.82	66.61	37.2	2.39	88.91	35.9	2.05	73.60
1966 .....	35.9	1.91	68.57	37.3	2.47	92.13	35.5	2.17	77.04
1967 .....	35.3	2.01	70.95	37.1	2.58	95.72	35.1	2.29	80.38
1968 .....	34.7	2.16	74.95	37.0	2.75	101.75	34.7	2.42	83.97
1969 .....	34.2	2.30	78.66	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	6.75	194.40	35.8	9.97	356.93	32.5	9.83	319.48
1991 .....	28.6	6.94	198.48	35.7	10.39	370.92	32.4	10.23	331.45
1992 .....	28.8	7.12	205.06	35.8	10.82	387.36	32.5	10.54	342.55
1993 .....	28.8	7.29	209.95	35.8	11.35	406.33	32.5	10.78	350.35
1994 .....	28.9	7.49	216.46	35.8	11.83	423.51	32.5	11.04	358.80
1995 .....	28.8	7.69	221.47	35.9	12.33	442.65	32.4	11.39	369.04
Monthly data, not seasonally adjusted									
<b>1995:</b>									
September .....	28.9	\$7.77	\$224.55	35.7	\$12.40	\$442.68	32.3	\$11.45	\$369.84
October .....	28.8	7.77	223.78	36.4	12.53	456.09	32.6	11.54	376.20
November .....	28.6	7.78	222.51	35.6	12.49	444.64	32.3	11.57	373.71
December .....	29.0	7.80	226.20	35.7	12.57	448.75	32.3	11.66	376.62
<b>1996:</b>									
January .....	27.5	7.89	216.98	35.5	12.62	448.01	31.8	11.73	373.01
February .....	28.2	7.87	221.93	35.7	12.71	453.75	32.2	11.72	377.38
March .....	28.5	7.90	225.15	35.7	12.74	454.82	32.2	11.72	377.38
April .....	28.4	7.92	224.93	35.6	12.76	454.26	32.2	11.72	377.38
May .....	28.7	7.92	227.30	35.6	12.75	453.90	32.2	11.68	376.10
June .....	29.4	7.97	234.32	36.5	12.76	465.74	32.8	11.67	382.78
July .....	29.4	7.92	232.85	35.5	12.69	450.50	32.5	11.62	377.65
August <sup>p</sup> .....	29.5	7.95	234.53	35.7	12.71	453.75	32.7	11.63	380.30
September <sup>p</sup> .....	29.1	8.04	233.96	36.6	12.91	472.51	32.6	11.90	387.94

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

<sup>p</sup> = preliminary.

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



**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>a</sup>	Sept. <sup>a</sup>
<b>Total</b> .....	117,623	117,749	117,899	118,136	118,070	118,579	118,750	118,922	119,332	119,537	119,772	120,029	119,989
<b>Total private</b> .....	98,298	98,410	98,561	98,789	98,734	99,214	99,356	99,527	99,873	100,091	100,288	100,438	100,479
<b>Goods-producing</b> .....	24,176	24,151	24,133	24,160	24,112	24,254	24,196	24,209	24,263	24,274	24,264	24,295	24,245
<b>Mining</b> .....	574	573	569	570	569	573	574	573	576	575	570	571	569
Metal mining .....	51	51	50	51	51	51	51	51	52	52	52	52	52
Coal mining .....	104	104	103	102	101	102	101	101	101	101	100	100	99
Oil and gas extraction .....	313	312	309	310	310	313	314	314	316	314	310	311	310
Nonmetallic minerals, except fuels .....	106	106	107	107	107	107	108	107	107	108	108	108	108
<b>Construction</b> .....	5,187	5,200	5,211	5,223	5,234	5,349	5,341	5,353	5,384	5,401	5,427	5,438	5,447
General building contractors .....	1,195	1,198	1,200	1,202	1,205	1,218	1,223	1,223	1,229	1,232	1,231	1,232	1,232
Heavy construction, except building .....	756	755	751	750	741	764	770	765	764	768	769	770	765
Special trade contractors .....	3,236	3,247	3,260	3,271	3,288	3,367	3,348	3,361	3,391	3,401	3,427	3,436	3,450
<b>Manufacturing</b> .....	18,415	18,378	18,353	18,367	18,309	18,332	18,281	18,283	18,303	18,298	18,267	18,286	18,229
<b>Durable goods</b> .....	10,648	10,631	10,628	10,667	10,643	10,659	10,623	10,654	10,679	10,696	10,680	10,707	10,673
Lumber and wood products .....	762	762	762	763	750	756	755	761	762	767	764	769	765
Furniture and fixtures .....	506	504	504	506	503	502	500	498	500	500	500	500	500
Stone, clay, and glass products .....	536	536	535	534	532	536	536	534	537	536	535	536	535
Primary metal industries .....	707	708	710	709	709	708	706	704	705	708	700	706	705
Blast furnaces and basic steel products .....	240	240	241	240	240	240	239	238	239	239	237	237	238
Fabricated metal products .....	1,437	1,439	1,441	1,441	1,442	1,443	1,442	1,440	1,442	1,450	1,454	1,456	1,458
Industrial machinery and equipment .....	2,066	2,075	2,079	2,084	2,085	2,083	2,087	2,086	2,087	2,088	2,088	2,085	2,074
Computer and office equipment .....	352	355	356	357	357	357	358	358	360	359	357	359	356
Electronic and other electrical equipment .....	1,633	1,637	1,640	1,645	1,646	1,652	1,651	1,650	1,652	1,651	1,656	1,652	1,649
Electronic components and accessories .....	591	596	600	605	609	614	614	615	614	614	616	615	612
Transportation equipment .....	1,780	1,751	1,737	1,764	1,757	1,759	1,726	1,763	1,774	1,775	1,766	1,786	1,774
Motor vehicles and equipment .....	968	966	958	959	956	957	926	955	968	967	950	968	961
Aircraft and parts .....	447	421	417	446	446	446	445	447	449	446	453	454	456
Instruments and related products .....	834	832	830	831	831	831	832	834	834	835	832	832	830
Miscellaneous manufacturing .....	387	387	390	390	388	389	388	386	386	386	385	385	383
<b>Nondurable goods</b> .....	7,767	7,747	7,725	7,700	7,666	7,673	7,658	7,629	7,624	7,602	7,587	7,579	7,556
Food and kindred products .....	1,678	1,676	1,676	1,674	1,672	1,675	1,675	1,667	1,665	1,647	1,640	1,641	1,634
Tobacco products .....	42	42	42	41	41	41	41	41	41	41	40	38	39
Textile mill products .....	657	655	652	649	640	644	642	636	637	637	637	634	633
Apparel and other textile products .....	913	901	891	883	868	873	862	858	853	847	849	835	833
Paper and allied products .....	690	688	686	685	684	682	681	677	679	676	672	674	673
Printing and publishing .....	1,539	1,538	1,537	1,535	1,533	1,531	1,531	1,527	1,526	1,528	1,527	1,527	1,522
Chemicals and allied products .....	1,030	1,031	1,030	1,025	1,026	1,025	1,027	1,024	1,024	1,020	1,019	1,020	1,018
Petroleum and coal products .....	142	142	140	140	140	140	140	139	139	140	139	140	139
Rubber and misc. plastics products .....	972	971	969	967	964	963	960	962	963	969	968	976	972
Leather and leather products .....	104	103	102	101	98	99	99	98	97	97	96	94	93
<b>Service-producing</b> .....	93,447	93,598	93,766	93,976	93,958	94,325	94,554	94,713	95,069	95,263	95,508	95,734	95,744
<b>Transportation and public utilities</b> .....	6,194	6,212	6,233	6,249	6,254	6,270	6,292	6,294	6,309	6,329	6,333	6,340	6,343
Transportation .....	3,936	3,947	3,964	3,977	3,980	3,994	4,011	4,015	4,027	4,045	4,051	4,054	4,060
Railroad transportation .....	236	236	236	237	235	234	233	233	232	231	229	231	232
Local and interurban passenger transit .....	430	431	433	436	436	439	442	442	450	454	458	459	458
Trucking and warehousing .....	1,868	1,872	1,878	1,874	1,874	1,879	1,884	1,882	1,891	1,891	1,888	1,880	1,878
Water transportation .....	174	173	174	172	172	171	171	173	167	171	172	173	172
Transportation by air .....	796	802	808	820	822	827	835	837	836	844	848	853	859
Pipelines, except natural gas .....	15	14	14	14	14	14	14	14	14	14	14	14	14
Transportation services .....	417	419	421	424	427	430	432	434	437	440	442	444	447
Communications and public utilities .....	2,258	2,265	2,269	2,272	2,274	2,276	2,281	2,279	2,282	2,284	2,282	2,286	2,283
Communications .....	1,346	1,352	1,358	1,362	1,367	1,371	1,378	1,378	1,384	1,388	1,391	1,398	1,397
Electric, gas, and sanitary services .....	912	913	911	910	907	905	903	901	898	896	891	888	886
<b>Wholesale trade</b> .....	6,451	6,465	6,478	6,498	6,512	6,529	6,548	6,550	6,567	6,575	6,585	6,598	6,603
Durable goods .....	3,764	3,778	3,788	3,802	3,814	3,826	3,841	3,844	3,850	3,857	3,862	3,870	3,873
Nondurable goods .....	2,687	2,687	2,690	2,696	2,698	2,703	2,707	2,706	2,717	2,718	2,723	2,728	2,730

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>p</sup>	Sept. <sup>p</sup>
<b>Retail trade</b> .....	21,258	21,263	21,300	21,334	21,268	21,340	21,350	21,415	21,485	21,568	21,671	21,676	21,698
Building materials and garden supplies .....	873	873	878	882	882	880	887	896	907	917	922	924	930
General merchandise stores .....	2,679	2,700	2,681	2,674	2,651	2,674	2,687	2,675	2,719	2,721	2,732	2,745	2,740
Department stores .....	2,350	2,376	2,349	2,348	2,330	2,354	2,363	2,360	2,410	2,408	2,413	2,422	2,418
Food stores .....	3,379	3,379	3,395	3,402	3,399	3,401	3,403	3,401	3,413	3,420	3,435	3,445	3,444
Automotive dealers and service stations .....	2,199	2,206	2,212	2,220	2,227	2,234	2,242	2,253	2,259	2,272	2,285	2,291	2,297
New and used car dealers .....	999	1,002	1,005	1,008	1,011	1,015	1,020	1,024	1,027	1,030	1,034	1,036	1,037
Apparel and accessory stores .....	1,112	1,109	1,111	1,106	1,100	1,099	1,100	1,098	1,100	1,101	1,103	1,099	1,097
Furniture and home furnishings stores .....	950	948	948	945	949	949	951	957	963	972	981	987	992
Eating and drinking places .....	7,399	7,391	7,413	7,441	7,405	7,440	7,413	7,468	7,455	7,485	7,528	7,489	7,504
Miscellaneous retail establishments .....	2,667	2,657	2,662	2,664	2,655	2,663	2,667	2,667	2,669	2,680	2,685	2,696	2,694
<b>Finance, insurance, and real estate</b> .....	6,842	6,859	6,871	6,887	6,894	6,919	6,931	6,942	6,964	6,967	6,987	6,998	7,005
Finance .....	3,239	3,248	3,256	3,266	3,277	3,288	3,293	3,303	3,315	3,319	3,329	3,339	3,340
Depository institutions .....	2,020	2,019	2,020	2,020	2,022	2,023	2,020	2,023	2,026	2,029	2,030	2,029	2,029
Commercial banks .....	1,464	1,464	1,465	1,465	1,467	1,467	1,464	1,467	1,468	1,469	1,472	1,471	1,473
Savings institutions .....	270	270	268	267	266	266	265	265	267	268	265	264	263
Nondepository institutions .....	466	473	478	484	490	496	501	505	507	509	514	519	521
Security and commodity brokers .....	524	525	526	528	529	531	532	534	538	541	543	548	546
Holding and other investment offices .....	229	231	232	234	236	238	240	241	244	240	242	243	244
Insurance .....	2,244	2,249	2,249	2,251	2,253	2,255	2,257	2,256	2,261	2,259	2,261	2,259	2,264
Insurance carriers .....	1,544	1,546	1,546	1,546	1,547	1,547	1,549	1,549	1,552	1,551	1,553	1,551	1,554
Insurance agents, brokers, and service .....	700	703	703	705	706	708	708	707	709	708	708	708	710
Real estate .....	1,359	1,362	1,366	1,370	1,364	1,376	1,381	1,383	1,388	1,389	1,397	1,400	1,401
<b>Services<sup>1</sup></b> .....	33,377	33,460	33,546	33,661	33,694	33,902	34,039	34,117	34,285	34,378	34,448	34,531	34,585
Agricultural services .....	581	584	584	591	593	602	603	606	605	615	619	620	615
Hotels and other lodging places .....	1,660	1,656	1,648	1,648	1,652	1,657	1,662	1,673	1,681	1,704	1,690	1,683	1,680
Personal services .....	1,164	1,166	1,164	1,167	1,170	1,174	1,175	1,179	1,184	1,174	1,174	1,179	1,180
Business services .....	6,877	6,900	6,922	6,963	6,942	7,026	7,058	7,085	7,151	7,188	7,225	7,270	7,275
Services to buildings .....	887	887	888	892	883	899	898	899	903	895	893	892	888
Personnel supply services .....	2,508	2,511	2,518	2,534	2,510	2,552	2,565	2,569	2,622	2,648	2,668	2,693	2,704
Help supply services .....	2,216	2,221	2,226	2,239	2,216	2,254	2,265	2,272	2,322	2,352	2,368	2,387	2,394
Computer and data processing services .....	1,107	1,116	1,125	1,137	1,140	1,148	1,155	1,169	1,184	1,195	1,206	1,218	1,226
Auto repair, services, and parking .....	1,025	1,035	1,039	1,047	1,051	1,059	1,066	1,072	1,078	1,085	1,096	1,103	1,105
Miscellaneous repair services .....	357	355	358	359	358	359	361	363	364	366	365	366	367
Motion pictures .....	501	503	506	508	513	515	518	517	524	529	532	525	545
Amusement and recreation services .....	1,463	1,472	1,471	1,473	1,490	1,505	1,518	1,516	1,516	1,504	1,514	1,515	1,512
Health services .....	9,318	9,347	9,383	9,412	9,427	9,463	9,499	9,520	9,555	9,565	9,576	9,587	9,617
Offices and clinics of medical doctors .....	1,617	1,623	1,630	1,635	1,638	1,644	1,650	1,659	1,668	1,674	1,677	1,679	1,685
Nursing and personal care facilities .....	1,703	1,707	1,712	1,715	1,718	1,722	1,728	1,733	1,740	1,744	1,747	1,749	1,750
Hospitals .....	3,793	3,802	3,810	3,818	3,822	3,833	3,842	3,844	3,851	3,847	3,849	3,849	3,863
Home health care facilities .....	638	641	645	650	648	653	655	658	657	658	656	655	655
Legal services .....	923	923	924	924	925	927	928	926	929	929	933	935	932
Educational services .....	1,966	1,974	1,975	1,978	1,969	1,985	1,991	1,994	1,987	2,001	2,017	2,015	2,002
Social services .....	2,359	2,352	2,355	2,360	2,362	2,372	2,381	2,389	2,401	2,395	2,390	2,393	2,406
Child day care services .....	569	567	568	567	567	568	569	569	571	570	568	576	557
Residential care .....	645	646	646	649	651	654	656	661	663	665	669	672	673
Museums and botanical and zoological gardens .....	80	81	82	82	83	83	83	84	85	85	85	85	84
Membership organizations .....	2,131	2,126	2,133	2,136	2,135	2,137	2,136	2,137	2,147	2,148	2,146	2,149	2,144
Engineering and management services .....	2,781	2,795	2,810	2,821	2,833	2,847	2,868	2,863	2,885	2,897	2,893	2,912	2,927
Engineering and architectural services .....	818	821	824	825	825	827	829	834	838	848	844	848	853
Management and public relations .....	847	852	860	865	873	881	894	893	897	900	903	913	920
<b>Government</b> .....	19,325	19,339	19,338	19,347	19,336	19,365	19,394	19,395	19,459	19,446	19,484	19,591	19,510
Federal .....	2,812	2,801	2,796	2,790	2,783	2,780	2,780	2,776	2,776	2,756	2,752	2,742	2,737
Federal, except Postal Service .....	1,965	1,953	1,946	1,939	1,930	1,926	1,922	1,919	1,918	1,906	1,897	1,891	1,884
State .....	4,638	4,636	4,634	4,634	4,625	4,636	4,639	4,643	4,655	4,654	4,659	4,665	4,665
Education .....	1,935	1,935	1,937	1,939	1,933	1,945	1,951	1,956	1,963	1,968	1,981	1,979	1,984
Other State government .....	2,703	2,701	2,697	2,695	2,692	2,691	2,688	2,687	2,692	2,686	2,678	2,686	2,681
Local .....	11,875	11,902	11,908	11,923	11,928	11,949	11,975	11,976	12,028	12,036	12,073	12,184	12,108
Education .....	6,628	6,629	6,641	6,649	6,646	6,659	6,675	6,682	6,690	6,719	6,768	6,852	6,785
Other local government .....	5,247	5,273	5,267	5,274	5,282	5,290	5,300	5,294	5,338	5,317	5,305	5,332	5,323

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

<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from

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

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES  
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1995						1996						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
<b>Total</b> .....	56,639	56,771	56,899	56,960	57,039	57,134	57,014	57,315	57,419	57,508	57,681	57,816	57,974
<b>Total private</b> .....	46,054	46,165	46,280	46,327	46,409	46,491	46,384	46,653	46,739	46,820	46,969	47,118	47,230
<b>Goods-producing</b> .....	6,636	6,629	6,622	6,608	6,605	6,594	6,568	6,583	6,573	6,559	6,562	6,562	6,560
<b>Mining</b> .....	80	80	80	80	79	79	79	79	79	79	79	79	78
<b>Construction</b> .....	575	577	580	581	584	587	591	595	598	599	602	606	610
<b>Manufacturing</b> .....	5,981	5,972	5,962	5,947	5,942	5,928	5,898	5,909	5,896	5,881	5,881	5,877	5,872
<b>Durable goods</b> .....	2,804	2,804	2,806	2,805	2,808	2,809	2,808	2,810	2,804	2,807	2,808	2,817	2,815
Lumber and wood products .....	128	127	127	128	128	128	127	128	129	129	130	132	132
Furniture and fixtures .....	158	156	157	157	156	156	156	156	156	155	155	156	158
Stone, clay, and glass products .....	103	103	103	102	103	102	102	102	101	101	101	101	100
Primary metal industries .....	100	100	100	100	100	100	100	100	100	100	100	102	99
Fabricated metal products .....	316	316	315	316	316	316	317	316	316	316	318	318	320
Industrial machinery and equipment .....	442	444	445	448	450	451	452	451	451	451	450	452	452
Electronic and other electrical equipment .....	680	678	681	683	684	685	685	686	686	685	684	684	686
Transportation equipment .....	358	362	361	355	355	355	354	356	350	356	356	358	355
Instruments and related products .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Miscellaneous manufacturing .....	174	174	173	173	174	174	173	173	173	172	172	172	172
<b>Nondurable goods</b> .....	3,177	3,168	3,156	3,142	3,134	3,119	3,090	3,099	3,092	3,074	3,073	3,060	3,057
Food and kindred products .....	552	550	552	553	553	551	547	549	551	544	547	538	536
Tobacco products .....	12	12	12	12	12	12	12	12	12	13	13	13	12
Textile mill products .....	312	311	309	307	306	304	298	302	301	298	298	298	296
Apparel and other textile products .....	703	695	687	677	671	664	651	654	647	642	637	631	633
Paper and allied products .....	165	165	165	164	164	164	164	164	163	162	163	163	162
Printing and publishing .....	692	692	691	690	691	691	687	687	687	686	687	689	689
Chemicals and allied products .....	328	328	328	327	326	324	325	325	326	325	323	322	322
Petroleum and coal products .....	25	25	24	24	24	24	24	24	24	23	24	24	24
Rubber and misc. plastics products .....	331	332	330	330	330	329	327	327	326	327	328	328	331
Leather and leather products .....	57	58	58	58	57	56	55	55	55	54	53	54	52
<b>Service-producing</b> .....	50,003	50,142	50,277	50,352	50,434	50,540	50,446	50,732	50,846	50,949	51,119	51,254	51,414
<b>Transportation and public utilities</b> .....	1,825	1,832	1,841	1,846	1,856	1,866	1,872	1,883	1,891	1,896	1,901	1,909	1,912
<b>Wholesale trade</b> .....	1,974	1,979	1,986	1,989	1,997	2,003	2,008	2,014	2,019	2,018	2,019	2,031	2,035
<b>Retail trade</b> .....	11,174	11,192	11,207	11,209	11,211	11,218	11,152	11,236	11,243	11,268	11,309	11,364	11,421
<b>Finance, insurance, and real estate</b> .....	4,305	4,310	4,317	4,326	4,336	4,342	4,348	4,360	4,369	4,377	4,395	4,395	4,405
<b>Services</b> .....	20,140	20,223	20,307	20,349	20,404	20,468	20,436	20,577	20,644	20,702	20,783	20,857	20,897
<b>Government</b> .....	10,585	10,606	10,619	10,633	10,630	10,643	10,630	10,662	10,680	10,688	10,712	10,698	10,744
Federal .....	1,187	1,185	1,181	1,178	1,176	1,175	1,170	1,170	1,169	1,171	1,170	1,161	1,160
State .....	2,341	2,340	2,344	2,346	2,347	2,348	2,332	2,348	2,347	2,354	2,341	2,345	2,344
Local .....	7,057	7,081	7,094	7,109	7,107	7,120	7,128	7,144	7,164	7,163	7,201	7,192	7,240

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

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

**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>	Sept. <sup>P</sup>
<b>Total private</b> .....	80,523	80,585	80,703	80,907	80,706	81,303	81,378	81,550	81,807	82,016	82,209	82,316	82,295
<b>Goods-producing</b> .....	17,179	17,144	17,132	17,162	17,131	17,270	17,186	17,203	17,228	17,247	17,241	17,257	17,223
<b>Mining</b> .....	421	419	416	417	419	425	426	425	428	428	423	425	422
<b>Construction</b> .....	4,011	4,018	4,026	4,037	4,056	4,174	4,141	4,154	4,169	4,185	4,204	4,210	4,213
<b>Manufacturing</b> .....	12,747	12,707	12,690	12,708	12,656	12,671	12,619	12,624	12,631	12,634	12,614	12,622	12,588
<b>Durable goods</b> .....	7,294	7,272	7,270	7,309	7,288	7,298	7,263	7,289	7,300	7,326	7,313	7,337	7,309
Lumber and wood products .....	626	626	625	627	615	620	620	625	627	630	629	632	627
Furniture and fixtures .....	400	398	398	399	397	396	394	392	397	395	398	397	397
Stone, clay, and glass products .....	415	416	415	415	412	417	417	415	416	417	416	417	417
Primary metal industries .....	549	549	551	551	552	550	550	547	548	552	545	552	550
Blast furnaces and basic steel products .....	183	183	184	183	183	183	183	183	184	184	183	183	183
Fabricated metal products .....	1,079	1,080	1,081	1,081	1,082	1,082	1,083	1,080	1,082	1,089	1,092	1,097	1,096
Industrial machinery and equipment .....	1,295	1,299	1,302	1,306	1,304	1,302	1,301	1,301	1,302	1,301	1,301	1,299	1,288
Electronic and other electrical equipment .....	1,045	1,047	1,050	1,052	1,052	1,055	1,052	1,054	1,054	1,051	1,056	1,051	1,051
Transportation equipment .....	1,197	1,170	1,159	1,190	1,188	1,189	1,160	1,191	1,188	1,205	1,195	1,210	1,203
Motor vehicles and equipment .....	758	759	745	758	757	758	729	754	760	765	752	773	759
Instruments and related 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> )
Miscellaneous manufacturing .....	274	273	276	276	274	275	274	272	272	273	271	271	269
<b>Nondurable goods</b> .....	5,453	5,435	5,420	5,399	5,368	5,373	5,356	5,335	5,331	5,308	5,301	5,285	5,279
Food and kindred products .....	1,237	1,236	1,237	1,236	1,235	1,237	1,238	1,232	1,234	1,216	1,211	1,209	1,205
Tobacco products .....	32	32	32	32	31	32	32	32	31	32	31	29	30
Textile mill products .....	555	553	551	548	539	545	543	538	539	538	538	537	537
Apparel and other textile products .....	755	744	734	725	713	718	707	705	700	695	698	684	683
Paper and allied products .....	523	522	520	519	519	517	516	513	513	511	509	512	513
Printing and publishing .....	844	842	843	841	839	837	837	834	833	834	834	833	830
Chemicals and allied products .....	579	580	579	577	577	574	572	571	569	567	565	563	564
Petroleum and coal products .....	92	92	89	90	90	90	90	89	90	90	90	90	91
Rubber and misc. plastics products .....	754	754	755	752	748	746	745	745	747	750	751	756	754
Leather and leather products .....	82	80	80	79	77	77	76	76	75	75	74	72	72
<b>Service-producing</b> .....	63,344	63,441	63,571	63,745	63,575	64,033	64,192	64,347	64,579	64,769	64,968	65,059	65,072
<b>Transportation and public utilities</b> .....	5,191	5,207	5,229	5,243	5,245	5,275	5,287	5,292	5,304	5,317	5,324	5,325	5,343
<b>Wholesale trade</b> .....	5,227	5,235	5,244	5,257	5,267	5,281	5,295	5,296	5,311	5,312	5,320	5,330	5,327
<b>Retail trade</b> .....	18,697	18,699	18,722	18,758	18,647	18,780	18,791	18,859	18,916	18,980	19,057	19,050	19,056
<b>Finance, insurance, and real estate</b> .....	4,993	5,003	5,011	5,021	5,027	5,046	5,061	5,068	5,085	5,087	5,101	5,106	5,112
<b>Services</b> .....	29,236	29,297	29,365	29,466	29,389	29,651	29,758	29,832	29,963	30,073	30,166	30,248	30,234

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

<sup>2</sup> This series is not published seasonally adjusted because the seasonal component, which is small relative to the trend-cycle and irregular

components, cannot be separated with sufficient precision.

<sup>P</sup> = preliminary.

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

**ESTABLISHMENT DATA  
DIFFUSION INDEXES  
SEASONALLY ADJUSTED**

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

(Percent)

Time span	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Private nonfarm payrolls, 356 industries<sup>1</sup></b>												
<b>Over 1-month span:</b>												
1992 .....	43.7	43.7	50.0	57.3	55.5	50.1	52.2	49.0	52.1	56.3	53.2	57.4
1993 .....	60.0	60.8	51.3	58.6	61.7	55.2	57.7	57.0	61.8	59.7	61.8	59.6
1994 .....	58.8	62.1	66.0	64.2	60.3	63.5	61.5	62.1	60.8	61.5	63.1	63.9
1995 .....	63.2	59.3	54.9	54.6	51.4	55.1	54.1	57.4	51.8	54.8	56.3	59.4
1996 .....	52.4	63.2	60.0	52.4	62.2	57.4	55.8	<sup>P</sup> 55.2	<sup>P</sup> 50.1			
<b>Over 3-month span:</b>												
1992 .....	39.7	41.9	49.7	57.0	58.4	55.8	50.6	50.1	52.8	54.4	57.6	61.2
1993 .....	63.8	61.2	61.1	59.8	63.1	62.9	59.7	63.1	64.5	67.1	64.6	63.5
1994 .....	67.1	69.5	70.4	68.7	66.4	66.0	68.5	69.5	65.3	65.6	68.0	67.8
1995 .....	66.6	63.2	56.9	53.4	54.2	52.9	56.6	53.8	54.2	54.6	58.3	57.0
1996 .....	60.7	61.8	61.2	60.0	61.0	63.6	<sup>P</sup> 59.1	<sup>P</sup> 53.7				
<b>Over 6-month span:</b>												
1992 .....	43.3	46.8	47.5	52.5	54.9	56.7	53.8	52.2	55.5	57.6	63.9	61.9
1993 .....	63.3	65.2	63.8	64.2	62.4	65.9	65.7	63.9	66.3	67.3	70.6	69.5
1994 .....	70.8	71.6	69.0	69.8	69.5	69.5	69.2	69.0	69.2	68.5	69.1	66.6
1995 .....	66.3	60.8	58.7	54.4	53.5	54.1	53.1	56.3	55.9	54.1	56.2	61.8
1996 .....	60.3	62.9	63.8	63.8	<sup>P</sup> 62.5	<sup>P</sup> 57.7						
<b>Over 12-month span:</b>												
1992 .....	47.2	42.3	42.7	44.1	48.0	52.5	55.8	60.7	59.7	61.4	62.9	62.9
1993 .....	64.9	63.9	64.0	65.4	67.0	67.6	67.6	67.0	70.2	69.5	69.2	70.1
1994 .....	70.2	71.6	71.8	71.8	72.1	71.8	71.5	72.1	70.1	69.4	65.7	65.0
1995 .....	62.6	60.8	60.1	61.2	58.1	57.7	54.5	58.7	58.6	57.3	59.4	59.8
1996 .....	61.0	<sup>P</sup> 62.2	<sup>P</sup> 61.4									
<b>Manufacturing payrolls, 139 industries<sup>1</sup></b>												
<b>Over 1-month span:</b>												
1992 .....	37.4	39.9	43.9	56.8	50.0	48.9	52.2	44.6	47.5	47.8	51.4	54.7
1993 .....	52.5	56.5	50.7	45.7	54.0	45.7	49.3	49.3	59.4	53.2	53.6	55.0
1994 .....	56.5	60.1	59.7	58.6	53.2	57.9	57.6	53.6	55.8	54.7	57.2	59.4
1995 .....	56.8	55.0	46.0	45.3	39.2	40.3	45.0	45.0	42.4	45.3	46.4	47.5
1996 .....	42.1	48.2	48.2	39.6	53.2	49.6	43.9	<sup>P</sup> 47.5	<sup>P</sup> 42.1			
<b>Over 3-month span:</b>												
1992 .....	29.9	33.5	43.9	49.6	55.4	53.2	46.8	47.8	45.7	47.5	51.1	54.7
1993 .....	60.8	58.3	53.2	47.8	48.9	54.0	50.4	58.3	57.6	59.7	54.7	57.6
1994 .....	63.7	64.4	66.2	60.8	56.1	56.8	60.8	58.6	54.0	56.1	60.1	60.8
1995 .....	60.4	51.8	43.5	34.9	33.1	32.0	33.1	35.6	38.8	39.6	40.6	38.8
1996 .....	38.8	39.9	37.8	43.2	45.3	47.5	<sup>P</sup> 42.8	<sup>P</sup> 36.7				
<b>Over 6-month span:</b>												
1992 .....	32.4	34.9	39.9	46.8	52.2	54.3	48.2	47.8	51.1	51.1	56.8	56.5
1993 .....	56.5	59.0	56.8	55.4	50.7	57.9	59.4	56.5	57.6	58.6	64.4	60.8
1994 .....	62.2	64.4	60.4	61.5	59.0	56.8	56.5	57.2	60.1	55.8	59.7	55.8
1995 .....	55.4	45.0	38.5	33.5	27.7	28.8	28.8	30.6	33.5	33.1	34.2	38.8
1996 .....	32.0	37.4	37.1	38.1	<sup>P</sup> 42.1	<sup>P</sup> 36.0						
<b>Over 12-month span:</b>												
1992 .....	42.4	36.7	36.3	36.0	39.6	45.7	50.0	55.8	57.9	56.8	58.3	56.5
1993 .....	56.8	57.9	55.8	58.6	57.2	57.6	58.6	59.0	61.2	59.7	60.1	57.6
1994 .....	57.9	58.6	60.8	60.8	60.8	63.3	59.4	60.1	57.2	55.8	49.6	47.5
1995 .....	42.1	40.3	39.9	40.6	34.5	31.7	25.9	28.8	28.1	24.1	27.0	29.1
1996 .....	33.1	<sup>P</sup> 34.5	<sup>P</sup> 33.8									

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

<sup>P</sup> = preliminary.

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

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

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

State	1995					1996							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>
	Total <sup>1</sup>												
Alabama .....	1,809.2	1,811.9	1,813.8	1,815.9	1,815.0	1,814.8	1,813.2	1,816.2	1,812.9	1,816.0	1,816.3	1,815.8	1,818.8
Alaska .....	263.3	263.0	263.6	264.0	263.7	260.9	264.7	253.2	261.8	263.5	265.5	264.7	263.8
Arizona .....	1,787.3	1,795.2	1,795.3	1,804.9	1,813.2	1,822.8	1,835.1	1,839.8	1,843.6	1,851.8	1,854.9	1,858.7	1,870.9
Arkansas .....	1,072.7	1,074.9	1,075.7	1,077.5	1,080.8	1,080.4	1,080.4	1,082.1	1,080.1	1,080.9	1,086.2	1,086.5	1,089.9
California .....	12,489.4	12,532.1	12,532.3	12,555.3	12,570.6	12,590.1	12,621.5	12,635.9	12,649.6	12,701.2	12,734.8	12,755.6	12,789.7
Colorado .....	1,851.9	1,857.9	1,861.3	1,870.4	1,879.6	1,885.7	1,888.5	1,897.0	1,896.3	1,907.9	1,896.4	1,892.6	1,892.7
Connecticut .....	1,568.1	1,569.7	1,568.0	1,563.1	1,562.7	1,565.2	1,576.1	1,576.8	1,575.0	1,576.5	1,576.5	1,581.3	1,585.3
Delaware .....	368.1	369.0	368.4	369.1	371.0	365.7	374.1	372.5	378.1	377.9	377.6	375.0	374.5
District of Columbia .....	642.1	642.6	640.2	638.4	637.7	629.9	634.2	633.9	633.6	632.3	632.8	628.5	629.0
Florida .....	6,019.0	6,059.7	6,059.6	6,082.1	6,100.8	6,089.2	6,109.9	6,142.9	6,126.8	6,146.2	6,167.2	6,175.4	6,183.3
Georgia .....	3,443.6	3,447.6	3,462.1	3,475.9	3,483.2	3,481.0	3,498.8	3,513.6	3,521.1	3,538.7	3,551.9	3,601.5	3,558.9
Hawaii .....	531.0	531.5	531.0	530.6	529.5	527.7	530.6	529.2	527.5	529.5	529.2	527.3	527.6
Idaho .....	476.5	478.3	481.9	482.9	484.8	485.0	485.6	488.3	493.8	498.9	501.2	502.2	504.3
Illinois .....	5,611.0	5,625.5	5,629.1	5,635.7	5,643.8	5,666.0	5,668.8	5,682.4	5,685.7	5,685.3	5,691.7	5,698.1	5,706.6
Indiana .....	2,759.2	2,794.0	2,794.2	2,794.7	2,797.9	2,796.7	2,800.7	2,802.3	2,797.8	2,806.7	2,792.9	2,775.5	2,777.6
Iowa .....	1,359.9	1,360.5	1,365.0	1,367.7	1,373.8	1,372.8	1,370.7	1,378.5	1,374.6	1,374.3	1,381.1	1,377.3	1,381.9
Kansas .....	1,201.4	1,204.3	1,215.1	1,211.1	1,218.9	1,226.1	1,225.0	1,226.5	1,221.8	1,226.6	1,225.4	1,227.4	1,230.2
Kentucky .....	1,643.0	1,648.2	1,650.7	1,652.9	1,658.6	1,651.0	1,657.5	1,660.6	1,663.9	1,672.4	1,676.9	1,670.5	1,674.5
Louisiana .....	1,778.1	1,790.5	1,793.5	1,794.9	1,795.4	1,799.9	1,801.7	1,799.9	1,798.9	1,801.4	1,803.4	1,800.6	1,802.2
Maine .....	541.9	542.8	543.7	544.6	545.4	544.3	544.8	544.5	542.5	542.0	542.5	540.4	542.1
Maryland .....	2,184.8	2,186.0	2,183.2	2,184.1	2,183.2	2,165.8	2,191.2	2,197.4	2,193.3	2,191.8	2,191.1	2,194.0	2,195.7
Massachusetts .....	2,985.3	2,990.8	2,994.1	2,997.9	3,001.5	3,000.1	3,007.4	3,011.1	3,007.7	3,016.6	3,020.6	3,025.4	3,027.0
Michigan .....	4,253.1	4,253.9	4,272.2	4,266.0	4,292.1	4,293.4	4,296.8	4,293.1	4,297.1	4,320.8	4,333.3	4,306.3	4,340.9
Minnesota .....	2,388.3	2,382.7	2,385.4	2,391.5	2,390.8	2,393.2	2,400.3	2,403.3	2,410.8	2,417.5	2,426.8	2,431.8	2,438.0
Mississippi .....	1,081.4	1,078.2	1,077.3	1,073.9	1,077.7	1,078.4	1,077.1	1,078.8	1,079.5	1,082.4	1,080.7	1,075.1	1,077.4
Missouri .....	2,523.7	2,527.7	2,533.5	2,538.1	2,545.8	2,548.2	2,553.0	2,561.0	2,559.3	2,560.4	2,558.0	2,560.0	2,554.9
Montana .....	351.5	351.9	352.3	352.7	353.3	352.0	355.4	356.2	356.6	358.9	359.6	358.9	358.6
Nebraska .....	823.0	818.2	817.9	817.7	819.8	818.9	822.7	824.6	827.8	829.9	825.6	826.0	828.8
Nevada .....	797.7	804.7	809.0	814.3	817.3	823.2	827.0	831.5	833.6	838.0	846.1	851.3	851.6
New Hampshire .....	543.0	542.8	542.5	545.3	546.1	542.4	544.7	545.2	547.5	549.3	549.8	551.3	549.2
New Jersey .....	3,614.5	3,617.0	3,619.7	3,621.0	3,622.3	3,595.8	3,623.5	3,630.5	3,632.0	3,638.2	3,641.9	3,642.2	3,644.7
New Mexico .....	689.8	691.8	695.4	700.2	703.6	707.0	709.0	710.9	710.8	714.2	720.5	718.1	719.7
New York .....	7,871.7	7,879.2	7,889.8	7,895.2	7,903.9	7,879.1	7,909.8	7,921.3	7,920.8	7,934.8	7,931.6	7,928.0	7,933.9
North Carolina .....	3,461.5	3,475.7	3,478.0	3,481.2	3,483.3	3,456.0	3,495.0	3,503.7	3,501.1	3,512.1	3,514.8	3,503.5	3,516.5
North Dakota .....	303.2	302.8	303.4	305.3	305.3	304.7	305.6	307.4	307.2	309.9	309.6	309.7	310.6
Ohio .....	5,248.4	5,255.4	5,266.3	5,277.8	5,287.5	5,283.8	5,294.0	5,292.9	5,298.2	5,310.6	5,318.4	5,314.5	5,318.5
Oklahoma .....	1,317.4	1,319.4	1,325.7	1,332.2	1,336.8	1,334.0	1,334.1	1,341.6	1,340.7	1,346.3	1,345.4	1,345.7	1,355.8
Oregon .....	1,426.1	1,431.8	1,434.5	1,437.9	1,444.7	1,457.0	1,453.8	1,459.4	1,464.1	1,466.9	1,469.8	1,477.8	1,487.0
Pennsylvania .....	5,255.1	5,254.0	5,257.5	5,253.9	5,253.1	5,202.7	5,258.3	5,272.9	5,270.0	5,281.6	5,280.0	5,282.9	5,284.8
Rhode Island .....	441.9	442.7	443.2	443.2	443.9	443.8	445.0	445.3	442.9	444.5	443.7	440.1	443.1
South Carolina .....	1,662.5	1,660.2	1,657.6	1,659.6	1,659.4	1,655.5	1,658.9	1,662.0	1,668.8	1,671.6	1,686.4	1,684.4	1,687.7
South Dakota .....	345.0	345.7	347.4	348.7	349.6	351.1	351.8	352.8	352.6	354.4	353.9	354.2	353.9
Tennessee .....	2,502.1	2,522.4	2,527.1	2,535.6	2,546.6	2,543.1	2,546.5	2,574.8	2,551.0	2,553.0	2,558.4	2,555.9	2,563.2
Texas .....	8,039.0	8,065.8	8,111.2	8,141.0	8,171.7	8,158.9	8,171.6	8,195.6	8,217.2	8,247.4	8,267.0	8,282.4	8,304.5
Utah .....	913.5	919.6	922.8	926.4	931.4	933.3	937.9	944.8	952.6	954.1	959.3	960.4	965.0
Vermont .....	269.9	271.0	272.7	272.2	272.6	272.9	273.0	273.5	274.2	273.2	274.2	274.9	275.3
Virginia .....	3,061.9	3,067.4	3,081.5	3,084.5	3,085.6	3,065.6	3,099.5	3,111.7	3,102.9	3,107.3	3,114.9	3,122.3	3,126.9
Washington .....	2,356.5	2,357.6	2,340.2	2,342.9	2,367.1	2,363.6	2,368.5	2,381.0	2,382.9	2,393.2	2,401.1	2,413.1	2,424.6
West Virginia .....	689.8	689.2	693.1	692.5	692.0	686.1	693.8	696.2	696.1	708.9	700.8	698.3	700.4
Wisconsin .....	2,563.2	2,561.7	2,564.6	2,566.2	2,568.5	2,576.8	2,564.2	2,574.6	2,569.1	2,581.3	2,585.1	2,586.9	2,594.9
Wyoming .....	219.7	220.1	221.0	220.1	221.4	222.6	222.8	223.3	222.5	221.1	222.1	220.4	221.7

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

State	1995					1996							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>
	Construction												
Alabama .....	86.9	87.5	87.7	87.9	87.7	89.6	88.5	88.9	88.3	88.3	87.8	87.5	87.9
Alaska .....	13.1	13.0	13.0	13.1	12.9	12.8	12.9	12.4	12.8	13.4	13.7	13.3	13.5
Arizona .....	117.2	117.9	118.0	119.0	120.6	122.6	124.6	122.7	123.0	123.2	122.5	123.5	124.4
Arkansas .....	44.4	45.5	45.0	44.9	45.2	45.3	46.2	46.7	46.5	46.4	46.6	47.1	47.6
California .....	496.4	500.7	501.3	505.6	505.7	512.7	503.7	496.1	499.6	504.5	511.3	515.5	521.3
Colorado .....	102.5	103.6	103.7	105.3	108.4	110.5	113.4	114.6	112.2	112.3	112.6	111.7	112.8
Connecticut .....	50.8	50.6	51.3	50.9	51.0	51.8	53.7	54.3	54.2	54.6	55.5	54.8	54.4
Delaware .....	18.7	19.2	19.0	19.0	19.1	18.3	19.3	19.9	20.4	20.3	20.3	20.2	20.5
District of Columbia .....	9.1	9.1	9.1	9.0	8.9	8.2	8.7	9.1	9.1	9.2	8.9	9.1	9.1
Florida .....	302.0	302.1	301.7	305.4	306.7	307.4	311.9	312.3	312.3	312.2	312.2	309.7	309.4
Georgia .....	154.9	156.4	158.4	159.7	159.7	160.8	163.7	164.1	163.5	164.2	163.0	161.0	159.2
Hawaii <sup>2</sup> .....	26.1	26.1	26.3	26.2	26.0	25.5	24.9	24.7	24.7	24.4	24.2	24.1	24.1
Idaho .....	29.6	30.0	30.8	31.0	31.3	31.5	32.1	32.7	33.8	34.9	34.4	34.4	34.5
Illinois .....	217.5	218.3	217.3	214.5	216.2	219.0	217.1	218.7	217.4	213.1	217.4	218.6	218.6
Indiana .....	130.0	128.5	127.1	125.4	127.3	128.7	130.2	130.7	131.7	131.9	134.8	135.3	132.9
Iowa .....	55.0	55.4	55.7	55.9	58.5	56.0	56.3	56.7	56.5	55.4	56.4	56.7	57.1
Kansas .....	50.9	51.6	52.8	53.2	53.8	56.9	57.5	57.9	57.6	56.3	56.3	56.0	55.5
Kentucky .....	72.9	73.3	72.0	71.8	72.0	71.4	73.0	73.7	74.3	75.0	74.7	75.4	75.0
Louisiana .....	106.6	107.9	110.2	109.7	109.1	112.6	112.6	113.1	111.5	111.1	112.3	112.3	112.6
Maine .....	21.7	22.0	22.2	22.3	22.4	22.3	22.1	22.0	21.8	21.7	21.5	21.9	22.1
Maryland .....	125.9	126.5	126.3	126.3	126.4	117.6	127.7	130.6	129.2	127.6	126.8	125.8	125.7
Massachusetts .....	91.3	90.5	90.7	90.7	90.8	90.3	93.1	92.0	92.6	93.0	93.6	93.2	93.2
Michigan .....	153.7	155.0	156.0	155.3	159.5	160.1	160.6	163.7	164.4	167.4	168.6	170.1	169.0
Minnesota .....	84.2	83.9	83.5	83.0	83.3	82.2	83.0	83.3	82.4	83.2	85.2	86.5	86.8
Mississippi .....	45.6	45.3	46.1	45.6	46.6	47.7	47.2	49.2	49.5	50.2	51.2	52.0	50.4
Missouri .....	108.4	110.2	110.5	111.0	111.5	113.1	112.9	114.1	114.8	111.8	110.1	111.9	110.9
Montana .....	16.4	16.7	16.2	16.0	16.1	16.1	16.4	16.2	16.4	16.5	16.4	16.2	15.9
Nebraska .....	34.5	35.0	34.8	34.7	34.7	34.5	34.5	35.2	35.1	34.8	35.1	35.2	35.4
Nevada .....	63.0	64.7	66.6	67.7	69.0	69.3	70.0	70.2	70.6	71.2	72.7	73.5	74.3
New Hampshire .....	19.7	20.0	19.9	20.3	20.2	20.2	20.0	19.8	19.7	19.9	20.2	20.0	20.2
New Jersey .....	124.0	123.5	123.2	123.5	123.1	119.4	123.5	124.6	125.0	124.4	124.4	123.7	123.4
New Mexico .....	45.7	46.2	46.5	47.2	48.2	48.3	49.1	49.4	50.2	50.3	50.0	49.3	49.3
New York .....	250.3	250.8	250.2	249.7	249.3	242.7	246.5	247.4	250.5	254.5	254.7	257.3	258.6
North Carolina .....	175.4	176.4	176.4	176.1	176.6	166.5	177.9	179.7	179.1	178.6	180.9	181.7	182.2
North Dakota .....	14.0	13.6	13.4	13.6	13.6	13.8	13.7	14.1	14.3	15.2	15.0	15.5	15.8
Ohio .....	206.4	206.4	207.7	208.1	209.8	208.5	210.2	213.5	214.6	214.6	214.7	213.7	212.3
Oklahoma .....	48.1	48.2	48.0	48.6	49.0	49.4	49.0	49.2	49.7	49.7	49.3	49.4	49.8
Oregon .....	69.1	69.5	69.7	70.5	69.8	72.7	73.4	72.7	74.3	73.8	74.6	76.2	76.9
Pennsylvania .....	201.7	201.1	200.7	199.3	198.5	195.4	199.5	203.3	200.2	198.7	201.7	203.4	202.0
Rhode Island .....	13.3	13.4	13.8	13.7	13.5	13.8	13.8	13.7	13.3	13.7	14.3	14.4	13.6
South Carolina .....	87.4	87.0	86.6	86.6	86.4	87.3	88.4	88.3	89.0	88.9	89.9	89.7	89.7
South Dakota .....	14.2	14.2	14.2	14.3	14.4	14.8	14.8	14.7	14.7	14.6	14.6	15.0	14.3
Tennessee .....	109.0	109.2	109.4	109.2	109.4	111.8	112.2	115.6	115.5	114.6	116.7	117.6	117.6
Texas .....	408.0	411.7	418.4	420.1	423.0	426.0	425.9	426.5	426.0	429.5	429.0	429.2	429.8
Utah .....	55.3	56.4	57.1	57.3	57.9	58.1	59.1	62.7	62.8	62.0	61.8	62.1	62.9
Vermont .....	12.1	12.0	12.4	12.2	12.1	12.5	12.3	12.9	12.8	12.9	13.1	13.1	13.2
Virginia .....	166.4	167.2	167.8	169.7	170.9	162.8	170.4	173.2	170.3	171.7	172.5	171.7	171.4
Washington .....	122.1	122.6	123.2	123.0	123.2	123.2	123.2	124.7	123.7	124.0	125.3	125.0	125.8
West Virginia .....	32.4	32.3	32.8	32.8	32.8	28.9	32.7	32.7	33.1	33.4	33.6	33.6	33.5
Wisconsin .....	102.5	101.9	102.5	101.9	101.3	100.9	98.5	102.1	102.8	104.8	106.1	109.0	110.0
Wyoming .....	14.0	14.3	14.3	14.3	14.7	15.3	15.4	15.4	14.7	13.7	14.4	13.8	14.0

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

State	1995					1996							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>
	<b>Manufacturing</b>												
Alabama .....	389.1	389.0	388.3	388.4	387.1	385.5	384.9	380.9	378.5	378.9	377.7	378.1	377.5
Alaska .....	17.3	17.1	18.0	18.4	18.4	16.3	19.1	17.8	15.7	15.2	15.4	16.2	15.7
Arizona .....	192.7	193.2	193.7	194.3	195.3	196.0	197.3	197.4	197.8	198.1	197.9	198.6	198.8
Arkansas .....	258.8	258.2	257.9	258.6	258.8	258.1	257.4	256.6	255.2	254.0	254.1	253.3	254.5
California .....	1,796.4	1,798.3	1,800.5	1,799.8	1,801.3	1,801.7	1,803.9	1,807.1	1,807.1	1,814.9	1,817.7	1,825.0	1,828.6
Colorado .....	192.1	192.5	192.7	192.8	192.5	193.5	193.7	194.2	194.6	194.9	195.0	195.6	196.0
Connecticut .....	281.4	279.5	279.2	278.3	277.7	277.3	278.0	278.2	277.3	277.2	276.6	277.5	278.5
Delaware .....	62.3	61.0	61.5	61.1	61.1	57.3	61.5	57.6	62.5	61.4	61.1	59.1	57.2
District of Columbia .....	13.0	13.0	13.0	13.0	13.0	12.8	12.9	12.9	13.0	12.8	13.0	13.0	13.0
Florida .....	482.6	481.8	481.6	481.7	481.5	479.9	480.2	480.2	479.3	479.2	480.5	480.4	479.8
Georgia .....	588.2	587.3	585.4	586.0	586.0	586.9	588.4	588.1	587.0	586.9	586.9	588.8	589.9
Hawaii .....	16.9	16.9	17.1	17.0	17.0	16.9	16.7	16.5	16.5	16.5	16.6	16.5	16.3
Idaho .....	70.5	70.6	72.0	71.6	72.0	71.9	72.0	73.0	73.4	73.4	73.7	74.0	74.9
Illinois .....	968.1	968.8	967.9	968.4	970.3	977.8	977.8	978.4	979.1	979.2	980.4	979.0	978.6
Indiana .....	682.1	683.7	683.8	684.0	683.5	680.9	681.7	678.9	677.7	678.3	677.5	666.7	673.5
Iowa .....	249.1	249.9	250.0	250.4	250.9	251.1	249.3	250.0	250.5	248.5	248.2	246.9	247.7
Kansas .....	192.1	192.6	194.0	187.0	194.1	195.1	195.2	194.8	194.9	195.1	195.1	196.2	197.4
Kentucky .....	313.4	313.8	314.3	314.4	315.3	314.2	314.8	314.1	313.0	312.6	312.1	309.3	309.3
Louisiana .....	189.0	188.6	188.7	188.7	188.8	188.9	189.5	187.4	190.0	190.8	190.2	190.4	189.9
Maine .....	91.5	91.2	91.1	91.3	90.9	91.0	90.4	90.1	89.7	89.2	88.8	88.1	88.5
Maryland .....	174.8	174.9	173.5	174.9	174.3	172.6	174.2	173.9	174.1	174.7	174.3	173.9	173.7
Massachusetts .....	445.2	444.3	445.6	446.1	447.1	446.3	446.2	444.8	443.4	443.5	444.0	444.2	443.1
Michigan .....	973.4	969.0	973.1	958.8	971.6	972.3	967.8	946.2	959.0	961.1	966.0	954.1	969.9
Minnesota .....	427.8	426.5	426.4	427.2	426.8	427.4	427.0	428.6	429.4	427.8	428.4	429.7	428.8
Mississippi .....	256.9	255.0	253.9	251.2	251.1	249.5	247.5	244.9	245.7	245.0	243.0	242.7	241.8
Missouri .....	423.0	421.7	421.0	420.4	420.9	422.8	422.6	420.3	421.1	420.7	414.5	416.0	413.6
Montana .....	23.2	23.0	23.0	23.1	23.1	23.3	23.1	23.5	23.6	23.6	23.7	23.7	23.8
Nebraska .....	111.9	112.1	111.8	111.6	111.5	112.4	112.3	112.5	113.2	113.4	113.0	112.7	113.7
Nevada .....	36.8	37.3	37.6	38.0	38.1	38.6	38.7	38.7	38.6	38.7	38.9	38.8	38.9
New Hampshire .....	101.7	101.7	101.3	101.8	102.1	101.7	101.8	101.8	101.6	101.9	101.6	102.3	101.6
New Jersey .....	498.4	497.4	495.4	493.7	492.4	488.1	492.8	492.4	490.5	491.2	488.7	489.6	488.7
New Mexico .....	44.6	45.2	45.6	45.9	46.0	46.1	46.2	46.5	46.6	46.6	47.0	46.5	47.4
New York .....	946.8	944.5	943.6	943.2	943.8	943.9	943.2	939.6	936.6	935.7	934.8	933.5	930.7
North Carolina .....	858.4	857.4	854.6	853.1	851.7	844.2	849.1	846.5	842.1	845.2	842.4	842.1	839.6
North Dakota .....	21.1	21.0	21.0	21.5	21.4	21.0	21.0	21.1	21.2	21.6	21.5	21.3	21.5
Ohio .....	1,104.0	1,101.1	1,103.4	1,101.0	1,099.8	1,096.2	1,095.9	1,082.6	1,090.8	1,092.4	1,092.3	1,090.2	1,093.9
Oklahoma .....	170.0	169.2	169.8	170.2	170.1	167.5	166.9	171.1	171.1	171.8	172.4	172.1	174.2
Oregon .....	226.9	228.3	228.0	229.0	229.5	232.4	230.3	231.3	230.7	230.3	229.5	230.0	233.0
Pennsylvania .....	937.8	935.8	935.4	933.8	931.3	920.7	927.5	927.3	926.8	926.5	927.2	925.4	926.6
Rhode Island .....	83.9	84.5	84.0	83.6	83.3	83.2	83.4	83.5	83.4	82.9	82.5	79.8	81.9
South Carolina .....	378.0	376.5	375.9	374.7	373.8	373.2	372.9	372.2	369.2	369.5	368.2	368.6	367.2
South Dakota .....	46.5	46.7	46.7	47.1	46.7	47.2	47.1	46.6	47.1	48.2	48.3	48.3	48.6
Tennessee .....	541.0	540.4	539.3	538.8	537.3	535.8	535.6	534.6	530.9	530.6	528.3	524.0	527.0
Texas .....	1,029.8	1,031.7	1,033.2	1,035.8	1,038.5	1,040.6	1,037.5	1,036.4	1,039.3	1,040.9	1,042.0	1,042.4	1,045.3
Utah .....	123.9	124.6	125.0	125.8	126.2	126.6	127.7	128.4	129.7	129.8	130.3	130.3	131.0
Vermont .....	45.4	45.7	45.8	45.7	45.6	45.6	46.0	45.8	46.1	46.1	45.9	46.3	46.4
Virginia .....	400.2	399.9	398.9	397.8	398.1	393.4	398.8	397.5	395.7	395.7	394.1	395.3	394.1
Washington .....	332.5	333.3	310.4	310.2	332.2	331.8	332.0	332.5	333.3	334.0	336.8	341.0	343.8
West Virginia .....	82.2	82.3	83.2	82.2	82.4	81.4	82.3	82.4	81.8	81.8	81.4	81.9	81.2
Wisconsin .....	602.4	601.2	601.3	601.9	601.7	602.6	601.0	600.4	599.2	601.0	600.9	598.1	599.6
Wyoming .....	9.7	9.8	9.9	10.0	9.9	10.1	9.8	9.9	9.9	9.8	9.8	10.0	9.8

See footnotes at end of table.



**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

State	1995					1996							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>
	Transportation and public utilities												
Alabama .....	89.2	89.2	89.5	89.1	88.9	89.4	89.2	88.6	88.5	88.6	89.1	88.8	88.4
Alaska .....	22.8	22.8	23.0	23.0	22.9	22.9	23.2	22.8	22.7	22.3	22.1	21.9	22.1
Arizona .....	85.9	86.1	86.5	86.6	86.4	87.5	88.2	88.1	88.1	87.8	88.5	88.5	89.1
Arkansas .....	63.9	64.6	64.6	64.5	65.3	65.7	65.4	65.5	65.9	65.6	65.6	65.7	65.8
California .....	635.9	635.0	635.2	634.3	629.9	628.7	631.8	632.2	636.3	636.8	639.1	642.4	644.9
Colorado .....	118.0	118.6	119.1	119.5	119.9	121.0	121.3	121.7	121.6	121.1	121.2	120.9	120.7
Connecticut .....	71.5	71.6	72.3	71.3	71.5	71.2	71.5	71.4	71.6	71.5	71.6	71.6	71.6
Delaware .....	15.9	15.9	15.8	15.9	15.9	16.1	16.4	16.5	16.5	16.5	16.4	16.4	16.6
District of Columbia .....	19.8	19.8	20.0	20.0	20.0	19.6	19.8	19.6	19.6	19.5	19.4	19.3	19.4
Florida .....	303.5	304.9	304.6	305.3	306.5	307.7	308.4	309.2	309.0	309.6	311.5	311.6	311.7
Georgia .....	215.2	215.8	217.0	217.6	218.0	218.5	219.3	220.7	221.8	223.1	224.1	224.8	225.1
Hawaii .....	40.9	40.6	40.7	40.7	40.9	40.8	40.8	40.7	40.0	40.5	40.7	40.5	40.6
Idaho .....	22.7	22.8	23.2	23.2	23.1	23.3	23.5	23.4	23.4	23.5	23.3	23.5	23.4
Illinois .....	324.1	324.2	327.9	327.5	329.1	327.4	327.0	327.0	329.3	328.3	328.7	329.8	330.4
Indiana .....	141.3	139.1	139.5	140.0	140.1	140.3	140.1	139.8	140.1	139.3	139.7	138.8	138.7
Iowa .....	61.6	61.3	62.1	62.2	62.2	62.9	62.7	62.8	62.3	62.4	62.3	62.6	62.7
Kansas .....	68.1	67.7	68.7	69.1	68.3	69.2	69.2	69.3	69.7	69.5	69.7	70.2	70.5
Kentucky .....	91.7	92.1	92.3	92.5	92.6	93.4	93.0	92.8	93.1	93.5	93.5	93.5	93.7
Louisiana .....	108.0	107.9	107.9	107.8	107.8	107.5	107.7	106.4	107.2	107.8	108.4	108.3	108.4
Maine .....	22.3	22.1	22.3	22.2	22.3	22.1	22.2	22.1	22.1	22.2	22.4	22.0	21.8
Maryland .....	105.5	105.1	105.0	104.8	104.5	106.0	106.7	106.5	106.0	105.7	105.9	106.4	106.7
Massachusetts .....	128.8	127.9	129.7	129.9	129.5	128.7	128.4	128.6	126.9	128.1	127.4	127.5	126.9
Michigan .....	165.2	164.6	166.0	166.5	167.0	168.7	170.4	171.3	169.3	168.8	168.5	168.8	168.7
Minnesota .....	117.5	117.2	117.6	117.2	116.7	117.3	118.7	119.4	118.9	119.6	120.6	121.2	121.1
Mississippi .....	49.8	49.8	49.6	49.5	49.3	49.4	49.9	49.2	49.1	48.8	48.7	49.0	48.4
Missouri .....	159.1	160.0	161.8	161.7	161.9	163.4	163.2	163.3	163.5	163.8	164.1	164.0	165.4
Montana .....	20.8	20.9	20.6	20.7	20.8	20.9	20.9	21.1	21.2	21.1	21.1	21.1	21.0
Nebraska .....	49.7	49.7	50.0	49.6	49.4	49.3	49.3	49.5	49.4	49.4	49.7	50.4	50.5
Nevada .....	41.0	41.1	41.3	41.6	41.7	41.9	42.0	42.2	42.4	42.5	42.6	42.8	42.7
New Hampshire .....	20.1	20.0	20.0	20.1	20.3	20.4	20.3	20.1	20.4	20.4	20.6	20.8	20.6
New Jersey .....	253.1	252.8	252.8	252.2	252.0	251.9	249.3	247.7	249.3	248.7	248.5	247.9	248.9
New Mexico .....	31.1	30.9	30.7	31.2	31.3	31.5	31.4	31.3	31.3	31.5	32.0	31.5	31.4
New York .....	402.8	403.7	405.1	405.4	404.9	405.6	405.4	405.8	402.4	405.2	404.5	404.2	404.4
North Carolina .....	163.8	163.7	163.9	163.8	163.6	164.1	164.5	164.0	164.4	164.3	164.9	165.1	165.2
North Dakota .....	18.4	18.2	18.4	18.8	18.7	18.2	18.2	18.5	18.2	18.5	18.4	18.3	18.4
Ohio .....	228.9	229.8	230.8	231.5	231.3	232.3	229.4	228.4	229.3	228.7	229.1	230.8	230.8
Oklahoma .....	73.4	73.9	74.2	74.2	74.7	74.9	75.2	75.2	75.6	75.8	76.0	76.2	76.9
Oregon .....	71.2	71.0	71.1	71.8	72.2	73.2	72.7	72.9	73.5	73.0	72.7	73.6	73.3
Pennsylvania .....	272.8	273.0	273.1	272.5	271.3	268.6	270.0	270.6	270.3	269.3	270.4	270.6	270.2
Rhode Island .....	14.7	14.9	15.4	15.2	15.3	15.2	15.0	15.0	15.1	15.1	15.3	15.0	15.1
South Carolina .....	71.8	71.9	72.1	71.9	71.9	71.4	71.1	71.8	72.5	72.2	72.6	73.6	74.0
South Dakota .....	16.1	16.0	16.1	16.1	16.3	16.1	16.2	16.3	16.2	16.3	16.3	16.3	16.3
Tennessee .....	137.0	136.8	136.8	136.7	137.9	137.6	138.3	138.1	138.5	137.7	137.9	137.7	137.2
Texas .....	475.9	476.7	477.4	479.8	483.3	479.7	481.2	485.4	486.8	488.4	490.3	487.3	488.7
Utah .....	51.3	51.4	51.3	51.7	52.2	52.7	52.7	53.2	53.8	53.6	53.6	52.9	53.1
Vermont .....	11.7	11.9	12.1	12.0	12.1	11.9	12.0	12.1	12.0	12.1	12.1	11.8	11.8
Virginia .....	156.0	156.6	159.0	158.6	158.1	159.8	161.1	161.9	161.9	161.0	162.3	161.3	162.6
Washington .....	120.0	120.2	121.4	121.7	122.2	120.8	120.8	121.7	121.5	122.2	122.0	121.6	122.5
West Virginia .....	40.2	40.1	40.4	40.4	40.2	39.7	40.1	40.2	40.0	39.6	39.6	39.4	39.2
Wisconsin .....	119.3	119.4	119.6	119.4	119.1	119.5	119.1	119.3	119.0	119.9	119.1	119.1	119.4
Wyoming .....	13.5	13.4	13.4	13.6	13.6	13.6	13.6	13.6	13.4	13.6	13.6	13.6	13.5

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

State	1995					1996							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>
	Wholesale and retail trade												
Alabama .....	413.1	415.1	416.1	417.3	417.1	418.3	417.8	421.2	421.1	421.4	422.7	425.0	423.6
Alaska .....	54.5	54.4	53.7	53.7	53.9	54.2	54.4	54.4	54.6	55.3	56.1	55.9	55.9
Arizona .....	451.6	452.0	453.0	453.0	454.2	454.4	457.0	460.1	460.1	462.5	463.3	466.1	467.2
Arkansas .....	243.2	243.3	244.6	245.1	245.9	248.1	246.5	248.0	247.9	249.0	250.2	249.7	250.2
California .....	2,941.2	2,946.5	2,945.4	2,952.1	2,964.3	2,966.6	2,984.0	2,986.4	2,979.6	2,995.7	3,000.9	3,001.2	3,007.4
Colorado .....	464.1	465.1	465.7	470.0	472.0	475.2	473.3	472.4	477.7	468.0	468.9	468.9	469.9
Connecticut .....	341.1	340.2	340.8	340.7	340.5	341.0	343.3	344.3	344.5	345.7	345.8	346.9	348.6
Delaware .....	82.7	84.0	84.2	83.9	84.5	83.8	84.7	85.8	85.7	85.5	85.3	84.8	84.9
District of Columbia .....	51.6	52.2	52.1	52.0	51.6	50.2	51.2	51.6	52.1	52.1	52.1	51.8	51.6
Florida .....	1,550.8	1,557.8	1,559.9	1,569.3	1,571.0	1,567.2	1,571.6	1,572.2	1,576.6	1,579.5	1,587.0	1,589.7	1,596.7
Georgia .....	872.8	879.5	882.1	887.2	888.7	888.8	890.3	897.2	900.3	905.6	912.3	930.2	915.4
Hawaii .....	136.2	136.4	135.6	135.6	134.9	135.0	134.9	134.8	135.6	135.2	134.9	134.3	134.4
Idaho .....	121.4	121.7	122.5	123.2	123.6	123.8	123.2	123.4	124.2	125.2	126.1	126.9	127.8
Illinois .....	1,313.4	1,320.1	1,323.3	1,328.1	1,330.1	1,338.4	1,334.8	1,341.4	1,342.3	1,342.1	1,344.1	1,344.6	1,347.6
Indiana .....	672.5	673.1	674.0	675.7	677.6	676.4	677.6	682.8	680.5	683.7	682.1	684.8	686.6
Iowa .....	342.3	342.1	341.4	341.8	343.6	343.2	343.2	345.2	343.4	344.2	344.7	347.7	348.6
Kansas .....	296.4	298.1	301.5	301.8	301.8	302.6	302.1	304.1	304.5	305.2	305.0	306.3	308.1
Kentucky .....	398.1	400.4	399.5	401.2	401.7	397.2	397.7	400.7	401.4	405.0	406.3	403.9	405.6
Louisiana .....	417.5	420.2	422.8	424.2	426.7	425.7	426.9	426.4	424.8	426.6	426.7	427.2	428.3
Maine .....	139.1	139.5	139.8	140.1	140.2	140.8	141.3	141.5	141.2	141.7	141.9	140.7	141.1
Maryland .....	531.8	532.2	532.6	532.9	533.9	529.8	533.1	535.1	534.6	534.0	533.6	535.1	534.5
Massachusetts .....	693.4	691.9	690.9	693.1	692.8	688.9	693.4	693.9	693.7	698.7	699.6	703.0	704.2
Michigan .....	1,005.3	1,005.4	1,012.2	1,016.2	1,018.3	1,021.5	1,015.4	1,021.2	1,015.2	1,021.3	1,021.2	1,020.4	1,029.5
Minnesota .....	577.7	576.6	580.4	581.6	582.1	584.5	583.2	587.4	588.5	589.1	589.6	589.0	591.6
Mississippi .....	229.8	230.4	229.7	229.5	229.5	229.5	229.1	228.5	228.5	229.6	228.5	229.4	227.6
Missouri .....	602.6	602.6	604.7	605.7	607.9	610.0	608.5	610.3	607.6	608.6	608.0	608.1	609.5
Montana .....	96.4	97.1	97.0	97.2	97.5	97.9	98.1	98.2	98.1	98.6	98.7	97.9	97.8
Nebraska .....	208.3	205.4	206.1	206.8	207.2	206.4	206.6	207.0	206.6	207.3	206.9	206.5	206.9
Nevada .....	159.1	160.1	160.9	162.6	163.5	164.5	165.6	168.0	167.6	169.2	170.2	171.7	173.0
New Hampshire .....	141.0	142.0	142.0	142.6	142.1	142.6	142.8	144.0	144.3	145.1	144.5	145.8	144.8
New Jersey .....	850.3	853.0	854.5	856.5	856.4	849.0	856.4	858.5	856.9	861.4	861.3	861.6	863.4
New Mexico .....	164.9	165.4	166.7	167.4	168.5	169.4	169.6	170.5	169.7	170.9	171.3	171.5	172.5
New York .....	1,615.9	1,620.8	1,623.7	1,629.1	1,630.3	1,627.8	1,628.1	1,631.6	1,633.9	1,634.7	1,633.5	1,635.2	1,637.8
North Carolina .....	805.8	806.3	806.2	809.5	809.5	804.3	812.1	815.3	813.1	815.0	813.1	812.8	811.5
North Dakota .....	79.4	79.5	79.7	80.3	80.5	80.3	80.6	81.0	80.4	80.8	80.8	81.0	80.9
Ohio .....	1,279.5	1,281.6	1,286.4	1,291.5	1,293.9	1,297.7	1,298.7	1,300.5	1,300.3	1,304.0	1,306.6	1,306.0	1,305.3
Oklahoma .....	312.0	312.9	314.3	316.4	317.2	318.0	318.1	319.9	318.8	322.3	321.8	320.7	321.3
Oregon .....	360.3	361.3	362.1	364.0	364.9	368.3	366.9	369.1	370.2	371.0	373.2	375.0	376.4
Pennsylvania .....	1,201.6	1,200.6	1,200.1	1,201.5	1,203.7	1,198.3	1,215.1	1,216.5	1,215.3	1,221.8	1,220.7	1,220.8	1,222.6
Rhode Island .....	98.3	98.2	97.8	97.8	97.9	96.7	97.0	96.6	95.9	96.8	98.4	99.0	98.9
South Carolina .....	388.2	389.6	388.6	388.4	389.4	388.8	389.7	389.9	396.2	397.7	399.6	400.1	401.6
South Dakota .....	88.2	87.8	89.1	89.3	89.4	90.3	89.9	90.7	90.1	90.1	90.4	90.1	90.7
Tennessee .....	590.8	594.8	592.0	597.6	605.4	601.4	603.0	604.4	604.4	607.9	611.7	611.9	614.9
Texas .....	1,951.4	1,958.8	1,974.4	1,981.9	1,989.0	1,985.4	1,982.9	1,983.6	1,984.8	1,991.5	1,999.8	2,003.7	2,004.8
Utah .....	222.1	222.8	223.2	224.3	225.2	224.9	225.5	226.3	228.8	229.6	231.1	233.2	233.2
Vermont .....	64.8	64.9	65.1	64.8	64.8	64.3	64.2	64.1	64.1	64.0	64.7	65.1	65.5
Virginia .....	700.3	704.6	706.0	705.1	702.8	700.6	706.5	710.1	712.3	713.1	712.8	714.4	715.3
Washington .....	586.5	586.3	586.7	587.4	587.4	584.8	584.9	586.5	586.3	590.9	591.4	594.1	596.7
West Virginia .....	158.5	159.7	160.1	160.5	159.9	160.1	161.5	162.4	162.6	162.6	163.0	162.7	163.1
Wisconsin .....	588.3	588.5	588.5	590.1	590.9	591.2	590.8	593.9	592.8	594.0	593.7	593.7	594.0
Wyoming .....	51.8	52.0	52.5	52.4	52.8	52.8	52.7	52.9	53.0	53.2	53.5	52.9	52.8

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

State	1995					1996							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>
	Finance, insurance, and real estate												
Alabama .....	77.5	77.3	77.3	77.4	77.6	77.4	77.7	78.0	78.2	78.5	78.4	78.8	79.2
Alaska .....	11.6	11.7	11.9	11.6	11.7	11.7	11.6	11.5	11.6	11.6	11.7	11.5	11.5
Arizona .....	106.1	106.8	107.0	107.0	107.3	107.5	108.1	108.3	108.2	108.5	108.7	108.7	108.8
Arkansas .....	41.8	41.8	41.8	41.9	42.0	42.0	42.0	42.0	42.1	42.3	42.5	42.4	42.5
California .....	737.4	737.4	736.0	735.9	735.7	734.7	734.6	734.6	733.7	735.4	735.0	734.7	734.8
Colorado .....	113.4	113.7	114.1	114.6	114.9	114.8	115.4	115.4	115.7	116.5	116.2	116.0	116.2
Connecticut .....	132.4	132.7	132.3	132.1	131.9	132.9	133.3	133.5	133.2	132.7	132.3	132.3	131.9
Delaware .....	41.2	41.5	41.7	42.0	42.2	42.4	42.5	42.6	42.8	42.9	42.8	43.0	43.2
District of Columbia .....	30.1	29.8	29.8	29.9	29.9	29.7	29.6	29.7	29.7	29.6	29.6	29.6	29.7
Florida .....	377.5	378.5	377.7	378.2	378.5	379.3	380.5	381.7	381.9	384.0	384.3	384.6	384.6
Georgia .....	175.5	175.5	175.6	175.7	175.8	175.7	176.5	176.4	175.7	176.2	175.9	176.6	176.6
Hawaii .....	37.1	37.0	37.1	37.1	37.2	37.2	37.3	37.1	37.0	37.0	36.6	36.4	36.3
Idaho .....	24.2	24.2	24.3	24.2	24.2	24.1	23.9	23.6	23.7	23.8	23.9	24.0	24.1
Illinois .....	384.2	383.3	384.0	383.9	383.5	384.6	384.8	385.8	385.0	384.8	386.6	387.2	387.1
Indiana .....	131.3	131.5	132.4	133.2	133.3	134.2	134.4	134.0	133.7	133.6	133.7	133.5	133.5
Iowa .....	76.9	76.9	77.0	77.1	77.3	77.6	77.6	77.9	77.6	77.9	77.6	78.3	78.4
Kansas .....	57.5	57.9	58.1	58.0	58.2	58.8	58.7	58.7	58.9	58.6	58.7	58.7	59.3
Kentucky .....	65.4	65.5	65.5	65.5	65.7	65.7	65.9	65.4	65.6	66.1	66.3	66.5	66.5
Louisiana .....	80.2	80.5	80.4	80.5	80.4	80.8	80.6	80.8	80.6	80.3	80.6	80.7	80.6
Maine .....	26.1	25.9	26.0	26.0	26.0	25.9	26.0	26.0	25.8	25.9	25.9	26.3	26.5
Maryland .....	127.8	127.8	127.5	127.4	127.4	126.7	127.5	127.5	127.0	127.3	127.3	127.6	128.0
Massachusetts .....	204.8	204.7	204.3	203.6	203.7	202.6	203.3	203.4	203.7	203.6	204.1	204.9	205.1
Michigan .....	196.1	196.1	196.3	196.6	196.5	196.0	196.4	197.2	196.8	196.4	197.0	197.7	197.8
Minnesota .....	138.7	139.0	139.3	139.5	139.7	140.0	140.3	140.3	140.7	141.4	141.4	142.0	142.5
Mississippi .....	40.0	40.2	40.0	39.7	40.0	40.0	39.5	39.5	39.5	39.8	39.6	39.7	39.5
Missouri .....	145.6	145.9	146.1	146.9	147.5	148.9	149.1	149.4	149.3	149.8	150.0	150.0	150.7
Montana .....	15.6	15.6	15.7	15.8	15.8	15.5	15.6	15.5	15.6	15.7	15.7	15.7	15.9
Nebraska .....	52.6	52.7	52.8	52.6	52.8	52.5	52.5	52.3	52.2	52.3	51.7	52.1	52.4
Nevada .....	36.3	36.6	36.8	37.1	37.3	37.5	37.6	37.8	37.8	38.0	38.2	38.2	38.4
New Hampshire .....	29.2	29.2	29.2	29.1	29.2	29.5	29.4	29.5	29.7	29.6	29.7	29.8	29.2
New Jersey .....	227.8	227.8	228.4	228.6	228.9	228.7	229.4	229.6	229.6	229.7	229.7	230.3	230.1
New Mexico .....	29.5	29.7	29.9	29.9	30.0	29.9	30.0	30.0	30.1	30.4	30.5	30.4	30.6
New York .....	721.6	721.3	721.1	719.7	719.9	714.7	721.4	720.6	722.7	722.6	722.3	721.7	722.1
North Carolina .....	145.3	145.2	145.1	146.5	147.1	147.6	148.3	149.0	149.7	150.9	151.6	152.8	153.6
North Dakota .....	13.6	13.9	14.0	14.0	13.9	13.9	14.0	14.1	14.0	14.0	14.1	14.1	14.0
Ohio .....	269.6	269.7	271.1	273.8	273.5	276.3	274.5	275.2	275.8	276.2	276.7	276.8	276.9
Oklahoma .....	66.0	66.2	65.8	66.0	66.3	66.5	66.5	66.6	66.8	66.4	66.3	66.7	66.9
Oregon .....	87.7	88.0	88.0	88.3	88.6	88.7	88.7	89.2	89.6	89.8	90.5	90.2	90.5
Pennsylvania .....	303.7	304.3	305.2	305.7	306.1	306.3	307.1	307.3	307.7	308.2	309.3	309.9	310.5
Rhode Island .....	24.9	24.8	24.5	24.6	24.5	24.7	24.7	24.8	24.7	24.6	24.4	24.7	24.7
South Carolina .....	69.2	69.9	69.9	70.3	70.5	70.5	70.4	70.7	70.8	70.7	71.0	71.5	72.0
South Dakota .....	19.0	19.1	19.3	19.4	19.4	19.4	19.5	19.6	19.7	19.7	19.8	20.0	20.2
Tennessee .....	110.7	111.0	111.1	111.4	111.8	111.6	112.1	111.8	112.3	112.6	113.1	113.2	113.4
Texas .....	437.4	438.0	440.4	440.2	440.8	441.0	440.1	441.1	443.3	444.1	444.5	446.6	446.0
Utah .....	48.2	48.5	48.8	49.3	49.5	49.6	49.8	50.4	50.4	50.4	50.6	51.0	51.3
Vermont .....	12.1	12.1	12.1	12.1	12.2	12.1	12.1	12.2	12.2	12.2	12.2	12.3	12.5
Virginia .....	160.2	160.1	161.1	161.8	161.6	162.0	161.8	162.2	161.4	161.5	161.9	161.9	161.9
Washington .....	121.4	121.8	121.6	121.6	121.6	123.0	122.9	123.5	123.3	124.3	124.5	124.5	124.7
West Virginia .....	26.9	26.9	27.2	27.2	27.2	27.3	27.3	27.4	27.4	27.6	27.7	27.6	27.5
Wisconsin .....	136.2	136.2	136.1	135.6	136.3	136.2	136.1	136.2	136.2	136.8	136.8	137.3	137.7
Wyoming .....	7.9	8.0	7.9	7.9	7.9	8.0	8.1	8.1	8.0	8.0	8.1	7.9	7.9

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

State	1995					1996							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>
	Services												
Alabama .....	400.2	400.8	401.2	402.5	403.3	402.1	403.0	405.0	404.7	406.6	408.6	410.2	410.4
Alaska .....	61.3	61.5	61.2	61.3	61.3	60.9	61.0	61.5	62.0	62.1	62.8	62.7	63.0
Arizona .....	522.7	523.7	523.3	529.2	530.1	536.3	540.7	542.1	544.6	545.6	547.1	549.6	553.6
Arkansas .....	238.2	240.2	240.0	240.8	241.9	241.7	242.3	242.6	241.2	242.2	243.6	244.8	245.6
California .....	3,753.8	3,781.7	3,781.3	3,795.1	3,803.3	3,819.9	3,833.1	3,848.8	3,862.2	3,880.4	3,899.2	3,904.3	3,914.0
Colorado .....	543.9	545.9	548.0	550.1	552.3	551.7	552.4	555.6	559.1	563.0	562.0	561.3	559.5
Connecticut .....	469.2	469.5	469.1	468.7	469.1	467.5	470.8	470.2	470.5	473.6	474.7	477.1	478.5
Delaware .....	97.2	97.4	96.6	97.3	98.3	97.7	99.6	99.7	99.8	100.9	101.0	101.0	101.3
District of Columbia .....	266.4	267.2	265.5	265.0	265.2	262.4	265.4	265.8	265.2	267.7	267.2	267.6	266.1
Florida .....	2,080.2	2,093.6	2,094.0	2,100.7	2,111.4	2,103.5	2,110.0	2,109.2	2,119.5	2,133.2	2,144.2	2,157.5	2,160.1
Georgia .....	849.9	850.6	855.0	860.5	864.5	861.2	871.2	876.8	880.7	888.4	893.7	923.8	899.9
Hawaii .....	164.3	164.2	165.1	164.9	164.9	164.1	165.7	165.3	164.7	165.7	165.6	165.5	165.8
Idaho .....	109.5	110.2	110.9	111.3	111.6	112.4	113.1	114.1	116.6	118.0	119.6	120.5	120.6
Illinois .....	1,587.9	1,590.3	1,590.5	1,594.9	1,597.8	1,602.5	1,605.3	1,609.3	1,612.0	1,618.0	1,614.4	1,619.0	1,620.1
Indiana .....	634.0	633.9	637.5	638.2	637.8	639.7	639.5	639.0	637.3	639.3	637.6	639.8	639.0
Iowa .....	342.3	341.7	346.5	348.2	348.9	350.3	350.3	353.7	352.4	353.4	358.1	354.4	356.1
Kansas .....	291.0	291.1	293.0	294.1	294.9	292.5	293.4	294.7	293.6	294.1	294.4	294.5	295.5
Kentucky .....	391.6	392.6	395.3	396.2	399.0	399.3	401.3	402.2	403.0	404.4	408.0	408.7	409.2
Louisiana .....	475.4	477.5	477.7	478.3	476.1	479.6	478.7	480.2	478.8	478.5	478.4	478.0	478.0
Maine .....	148.0	148.9	149.2	149.6	150.4	149.5	150.3	150.3	149.9	149.9	150.2	150.0	150.1
Maryland .....	694.8	694.7	693.9	693.5	692.1	690.3	696.7	698.6	699.0	698.4	699.5	700.2	702.4
Massachusetts .....	1,027.4	1,032.4	1,035.2	1,037.3	1,040.2	1,044.0	1,045.9	1,050.7	1,050.7	1,053.8	1,055.2	1,057.8	1,060.2
Michigan .....	1,113.6	1,115.8	1,126.0	1,129.3	1,134.5	1,134.7	1,142.5	1,148.3	1,149.5	1,160.3	1,164.3	1,153.8	1,162.3
Minnesota .....	649.6	650.4	649.8	652.9	652.4	652.6	656.9	660.4	659.9	664.0	665.0	665.1	668.0
Mississippi .....	232.8	233.5	234.3	234.4	236.5	236.4	238.5	241.4	240.7	241.7	239.9	236.7	240.6
Missouri .....	687.1	688.7	689.8	692.5	695.4	690.6	694.5	698.0	697.5	701.1	704.8	703.3	700.9
Montana .....	96.9	97.1	97.6	97.7	98.0	97.5	99.1	99.0	99.5	101.0	102.9	102.6	102.5
Nebraska .....	213.4	212.7	211.2	210.9	212.0	210.7	213.5	214.3	217.3	217.7	217.2	217.7	218.5
Nevada .....	353.7	354.4	354.9	355.3	355.7	357.8	360.2	361.9	364.2	365.2	369.9	369.5	369.5
New Hampshire .....	155.0	154.3	154.1	155.5	155.9	153.5	155.3	154.6	156.5	156.7	156.7	155.2	155.9
New Jersey .....	1,090.3	1,091.5	1,093.5	1,095.7	1,099.1	1,091.3	1,101.4	1,106.7	1,109.0	1,113.5	1,118.2	1,121.1	1,125.1
New Mexico .....	192.2	193.7	195.5	197.3	197.9	200.6	201.4	202.0	201.8	203.4	204.5	203.5	203.6
New York .....	2,540.7	2,547.5	2,554.8	2,560.1	2,567.6	2,558.2	2,580.5	2,592.6	2,593.8	2,599.8	2,600.2	2,607.1	2,613.5
North Carolina .....	769.1	770.5	770.5	770.8	772.0	765.9	776.1	779.8	779.4	781.7	784.4	789.2	796.3
North Dakota .....	81.6	81.7	82.2	82.5	82.8	82.7	83.1	83.4	83.6	84.8	84.8	84.9	85.5
Ohio .....	1,396.8	1,400.5	1,404.7	1,407.9	1,413.0	1,411.8	1,416.7	1,423.4	1,420.4	1,424.3	1,427.1	1,426.1	1,428.1
Oklahoma .....	345.2	346.7	350.5	353.6	356.7	357.6	357.9	358.5	357.7	358.9	358.8	358.9	364.9
Oregon .....	370.2	371.9	373.4	374.1	376.5	386.9	385.2	387.0	388.4	390.6	392.4	396.3	400.7
Pennsylvania .....	1,599.7	1,599.7	1,601.9	1,600.7	1,601.1	1,580.5	1,598.6	1,605.6	1,607.5	1,610.7	1,606.3	1,611.8	1,610.6
Rhode Island .....	145.8	146.1	146.6	147.5	148.1	149.2	149.8	150.2	149.0	150.0	148.9	148.3	149.1
South Carolina .....	367.9	368.4	368.0	370.4	371.5	372.6	374.3	375.9	378.0	379.3	381.2	382.0	383.9
South Dakota .....	87.8	88.4	89.3	89.6	90.3	90.5	90.9	91.4	91.1	91.5	91.7	91.9	91.4
Tennessee .....	638.4	644.5	646.4	650.1	653.0	651.4	650.0	654.4	652.6	653.0	655.8	659.3	659.8
Texas .....	2,126.3	2,137.8	2,150.8	2,163.6	2,177.7	2,172.1	2,181.8	2,198.1	2,210.0	2,224.8	2,234.8	2,240.1	2,251.6
Utah .....	242.1	244.1	245.0	245.8	247.8	248.6	249.1	248.8	251.9	253.3	256.8	257.0	259.2
Vermont .....	78.3	79.0	79.7	80.0	80.5	81.2	80.9	80.9	81.4	80.6	80.7	81.2	80.7
Virginia .....	873.8	874.8	883.5	886.6	890.0	883.2	894.9	900.8	894.5	897.5	903.0	909.4	914.4
Washington .....	626.1	628.2	630.5	631.6	632.1	632.5	636.5	640.8	643.2	646.2	649.8	653.2	657.5
West Virginia .....	183.5	183.7	185.4	185.6	187.3	186.1	187.4	187.8	187.9	188.3	189.9	190.6	191.0
Wisconsin .....	633.7	635.8	636.9	638.5	640.6	641.4	641.9	643.7	642.1	645.1	643.3	644.0	647.2
Wyoming .....	47.9	48.0	48.5	47.8	48.0	48.3	48.6	48.5	48.6	48.2	48.0	48.0	47.9

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

State	1995					1996							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>
	Government												
Alabama .....	342.2	342.1	342.7	342.3	342.3	341.5	341.0	342.6	342.5	342.4	340.8	336.1	340.6
Alaska .....	72.9	72.7	72.9	73.0	72.8	72.0	72.2	72.6	72.2	73.5	73.5	73.4	72.5
Arizona .....	298.7	303.1	301.4	303.4	306.9	306.1	306.8	308.7	309.2	313.7	314.3	311.1	316.4
Arkansas .....	179.0	177.9	178.4	178.3	178.3	178.0	177.1	177.2	177.8	178.1	180.2	180.1	180.4
California .....	2,098.6	2,102.9	2,103.3	2,103.5	2,101.5	2,096.7	2,101.4	2,101.7	2,102.2	2,104.4	2,102.9	2,104.0	2,110.5
Colorado .....	302.7	303.7	303.4	303.6	305.3	304.9	305.0	305.9	306.5	308.4	307.3	304.4	303.8
Connecticut .....	220.9	224.9	222.2	220.3	220.2	222.7	224.7	224.1	222.9	220.4	219.3	220.4	221.0
Delaware .....	50.0	49.9	49.5	49.8	49.8	50.0	50.0	50.3	50.3	50.6	50.6	50.4	50.7
District of Columbia .....	252.0	251.4	250.6	249.4	249.0	246.9	246.5	245.1	244.8	244.3	242.5	238.0	240.0
Florida .....	915.5	934.1	933.1	934.6	938.2	937.2	940.2	971.0	941.0	941.3	940.3	934.7	933.8
Georgia .....	579.4	574.7	580.8	581.5	582.8	581.6	581.8	582.7	584.5	586.7	588.5	588.8	585.2
Hawaii .....	109.5	110.3	109.1	109.1	108.6	108.2	110.3	110.1	109.0	110.2	110.6	110.0	110.1
Idaho .....	95.9	96.1	95.5	95.6	96.1	95.3	94.9	95.2	95.9	97.1	97.3	95.9	96.0
Illinois .....	802.6	807.2	805.1	805.3	803.6	803.2	808.8	808.4	807.3	806.8	806.9	806.8	811.0
Indiana .....	361.5	397.7	393.4	391.8	391.8	390.1	390.5	390.4	390.3	394.2	381.0	370.3	367.0
Iowa .....	230.6	231.0	230.2	230.0	230.2	229.6	229.3	230.0	229.8	230.4	231.7	228.6	229.2
Kansas .....	237.5	237.4	239.0	239.9	239.8	242.8	240.7	238.7	234.6	239.9	238.2	237.4	235.9
Kentucky .....	285.1	286.1	287.4	286.9	287.9	286.0	287.7	287.7	289.2	291.6	291.7	288.9	290.8
Louisiana .....	354.5	360.8	359.1	359.1	359.7	358.6	359.4	358.8	358.9	358.9	359.3	355.9	356.3
Maine .....	93.1	93.1	93.0	93.0	93.1	92.6	92.4	92.4	91.9	91.3	91.7	91.3	91.9
Maryland .....	423.1	423.7	423.3	423.2	423.4	421.7	424.1	424.0	422.2	422.9	422.5	423.8	423.6
Massachusetts .....	393.1	397.8	396.4	395.9	396.0	397.9	395.6	396.2	395.2	394.5	395.3	393.5	393.0
Michigan .....	637.3	639.7	634.8	635.6	637.0	632.3	636.0	637.5	635.2	637.8	640.0	633.6	635.8
Minnesota .....	384.9	381.3	380.4	382.1	381.8	381.2	383.1	382.0	383.2	384.5	388.7	390.4	390.3
Mississippi .....	221.7	219.1	218.8	219.2	219.9	221.2	220.8	221.5	221.8	222.6	225.0	220.7	224.0
Missouri .....	393.1	393.9	394.8	395.1	395.9	394.5	397.0	400.5	400.6	399.6	401.4	401.5	398.8
Montana .....	77.0	76.2	76.9	76.9	76.7	75.7	77.0	77.5	77.2	77.1	75.8	76.4	76.6
Nebraska .....	151.3	149.4	149.9	150.3	150.9	151.9	152.7	152.5	152.8	153.8	150.8	150.2	150.2
Nevada .....	94.6	97.3	97.6	98.7	98.5	100.1	99.4	99.2	98.7	99.2	99.4	102.5	100.4
New Hampshire .....	75.8	75.1	75.5	75.4	75.9	74.1	74.7	75.0	74.8	75.2	76.0	76.9	76.3
New Jersey .....	568.5	569.0	569.9	568.6	568.1	565.5	568.7	569.1	569.7	567.4	569.1	565.9	563.0
New Mexico .....	166.1	165.3	165.1	166.0	166.2	165.4	165.5	165.3	165.0	164.9	169.0	168.9	168.3
New York .....	1,388.8	1,385.7	1,386.5	1,383.3	1,383.3	1,381.9	1,380.4	1,379.3	1,376.5	1,377.8	1,377.2	1,364.6	1,362.4
North Carolina .....	540.0	552.5	557.6	557.7	559.1	559.6	563.3	565.7	569.6	572.6	573.7	556.0	564.3
North Dakota .....	71.2	71.1	70.7	70.6	70.4	70.9	71.0	71.0	71.3	71.0	70.9	70.6	70.5
Ohio .....	749.2	752.4	748.2	749.9	752.1	746.8	754.4	755.2	752.9	756.3	758.0	757.3	757.6
Oklahoma .....	270.6	270.2	271.1	271.3	270.9	268.5	268.8	269.4	269.4	269.5	269.3	270.4	270.5
Oregon .....	239.0	240.1	240.4	238.4	241.4	232.8	234.7	235.3	235.6	236.6	235.1	234.7	234.3
Pennsylvania .....	718.3	720.3	722.2	721.5	722.2	714.6	721.6	723.3	723.2	727.3	725.4	722.0	723.2
Rhode Island .....	60.8	60.6	60.9	60.6	61.1	60.9	61.2	61.4	61.3	61.2	59.7	58.7	59.6
South Carolina .....	298.1	295.0	294.6	295.4	294.0	289.8	290.2	291.3	291.2	291.4	302.0	297.0	297.4
South Dakota .....	70.8	71.1	70.3	70.5	70.7	70.5	71.1	71.1	71.3	71.7	70.5	70.3	70.1
Tennessee .....	370.6	381.1	387.5	387.2	387.2	388.8	390.8	411.4	392.3	392.1	390.3	387.7	388.7
Texas .....	1,454.8	1,455.8	1,461.8	1,464.9	1,464.6	1,461.1	1,467.5	1,470.9	1,473.7	1,474.1	1,472.5	1,480.3	1,485.4
Utah .....	162.4	163.6	164.1	163.9	164.3	164.9	166.0	167.1	167.2	166.5	167.1	166.0	166.5
Vermont .....	44.9	44.8	44.9	44.9	44.9	44.6	45.0	44.9	45.1	45.0	44.9	44.5	44.6
Virginia .....	593.7	593.5	594.5	594.2	593.5	593.4	595.6	595.5	596.5	596.4	597.9	598.1	597.0
Washington .....	444.6	441.8	443.0	444.0	445.1	444.3	445.0	448.1	448.4	448.4	448.0	450.4	450.3
West Virginia .....	138.8	136.9	137.1	137.0	136.3	137.1	136.9	138.7	138.0	149.9	139.8	136.7	139.5
Wisconsin .....	378.5	376.3	377.3	376.2	376.2	382.8	374.5	376.8	374.8	377.4	382.9	383.5	384.7
Wyoming .....	58.1	57.9	57.8	57.4	57.8	57.7	57.6	57.8	58.0	57.7	58.0	57.4	59.1

<sup>1</sup> Includes mining, not shown separately.

<sup>2</sup> Mining is combined with construction.

<sup>P</sup> = preliminary.

NOTE: All data have been adjusted to March 1995 benchmarks and incorporate updated seasonal adjustment factors.

**ESTABLISHMENT DATA  
HOURS  
SEASONALLY ADJUSTED**

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

(1982=100)

Industry	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>	Sept. <sup>P</sup>
<b>Total private</b> .....	134.0	134.3	134.3	134.3	131.7	135.5	135.5	135.2	135.3	137.7	136.1	136.9	138.0
<b>Goods-producing</b> .....	109.7	109.6	109.3	108.8	106.0	110.8	109.5	110.0	109.9	110.7	110.2	110.6	110.3
<b>Mining</b> .....	53.8	53.7	52.5	53.2	52.7	54.9	55.7	54.6	55.2	56.0	54.2	54.2	54.2
<b>Construction</b> .....	141.0	142.7	141.9	141.2	140.7	150.5	145.6	146.8	143.9	147.1	147.8	148.0	146.9
<b>Manufacturing</b> .....	106.6	106.2	106.1	105.6	102.0	105.9	105.2	105.7	106.2	106.5	105.8	106.2	106.1
<b>Durable goods</b> .....	107.6	107.3	107.3	106.8	104.1	107.4	106.3	107.7	108.4	108.9	108.0	109.1	108.5
Lumber and wood products .....	134.4	134.7	134.5	132.9	127.1	133.1	133.1	134.8	135.9	137.2	136.7	136.7	136.6
Furniture and fixtures .....	123.9	123.2	123.9	123.6	111.4	121.7	122.0	120.8	123.9	122.6	124.2	123.6	123.6
Stone, clay, and glass products .....	108.1	108.4	107.6	107.6	104.9	109.7	108.9	108.9	108.6	109.7	108.6	109.2	109.4
Primary metal industries .....	90.7	91.1	91.7	91.3	90.4	91.9	91.5	91.0	91.8	92.5	90.9	92.9	92.8
Blast furnaces and basic steel products .....	72.1	72.6	73.0	72.6	72.8	73.8	73.1	72.4	73.3	73.5	72.8	72.6	72.3
Fabricated metal products .....	113.6	113.2	113.3	112.8	110.2	112.9	113.0	113.5	114.5	115.2	115.0	115.5	115.4
Industrial machinery and equipment .....	103.2	103.2	104.0	103.3	101.2	103.2	103.2	103.6	103.2	103.9	103.4	102.5	101.7
Electronic and other electrical equipment .....	108.0	108.9	108.2	107.4	105.0	108.7	108.1	106.8	107.8	108.3	107.8	108.6	108.3
Transportation equipment .....	120.8	117.5	117.5	117.6	116.6	118.6	113.2	122.9	122.4	123.8	121.4	125.7	125.0
Motor vehicles and equipment .....	162.8	162.3	161.1	160.2	158.2	159.9	147.9	167.4	170.6	168.7	165.1	173.1	168.1
Instruments and related products .....	73.3	73.3	73.1	72.6	70.8	73.6	73.6	72.9	73.6	74.0	72.6	73.5	73.8
Miscellaneous manufacturing .....	102.6	102.0	102.9	102.6	97.2	102.2	102.4	101.4	102.1	102.0	101.3	101.5	100.5
<b>Nondurable goods</b> .....	105.3	104.7	104.4	103.8	99.3	103.9	103.7	102.9	103.3	103.3	102.6	102.4	102.7
Food and kindred products .....	114.6	113.9	113.7	113.1	111.0	114.8	114.7	114.1	114.6	112.3	111.3	110.6	111.6
Tobacco products .....	61.3	61.7	63.5	61.3	55.9	63.1	64.0	64.0	60.7	62.5	60.5	57.0	58.8
Textile mill products .....	93.6	92.8	92.7	91.8	80.8	91.7	92.0	90.1	90.9	91.4	91.2	91.3	90.8
Apparel and other textile products .....	81.5	80.1	79.3	78.3	70.1	77.5	76.7	75.5	76.4	76.7	76.0	74.9	75.0
Paper and allied products .....	109.6	108.9	108.8	108.6	105.0	108.6	108.4	108.5	108.5	108.4	107.7	107.8	108.8
Printing and publishing .....	124.1	123.5	124.0	122.7	120.5	123.4	123.6	122.7	123.2	122.7	123.0	123.2	123.3
Chemicals and allied products .....	102.0	102.4	102.0	101.6	100.2	101.3	100.9	100.1	100.4	100.6	100.0	99.6	99.1
Petroleum and coal products .....	76.4	76.3	73.6	74.3	73.9	73.6	74.6	72.8	72.9	76.7	75.8	75.8	77.3
Rubber and misc. plastics products .....	141.4	141.4	140.9	141.7	136.5	139.6	139.2	139.7	141.1	141.0	141.2	142.8	142.4
Leather and leather products .....	47.9	46.5	46.3	45.8	41.2	44.5	44.1	43.9	44.1	44.4	43.5	42.9	42.9
<b>Service-producing</b> .....	144.9	145.5	145.6	145.7	143.2	146.6	147.2	146.6	146.7	149.8	147.7	148.7	150.5
<b>Transportation and public utilities</b> .....	125.4	125.8	126.7	127.0	124.5	128.4	129.1	127.6	127.2	130.1	128.3	129.7	131.4
<b>Wholesale trade</b> .....	122.4	122.9	122.8	123.1	122.0	124.0	124.3	123.7	123.7	126.0	123.9	125.1	125.7
<b>Retail trade</b> .....	132.5	132.5	133.1	132.5	129.9	133.1	133.7	132.7	134.1	135.5	134.1	135.0	136.0
<b>Finance, insurance, and real estate</b> .....	123.8	124.7	123.9	124.1	122.2	124.4	125.4	124.2	124.0	128.9	125.1	126.2	129.9
<b>Services</b> .....	172.1	173.0	172.8	173.4	170.3	174.5	175.2	175.1	174.7	178.7	176.4	177.5	179.6

<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>P</sup> = preliminary.

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

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

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

Industry	Millions of hours (annual rate) <sup>1</sup>			Percent change		
	July 1996 <sup>r</sup>	Aug. 1996 <sup>r</sup>	Sept. 1996 <sup>p</sup>	Sept. 1995 to Sept. 1996 <sup>p</sup>	July 1996 to Aug. 1996 <sup>r</sup>	Aug. 1996 to Sept. 1996 <sup>p</sup>
Total .....	217,573	220,496	220,413	2.8	1.3	0.0
Private sector .....	181,330	182,519	183,977	3.0	.7	.8
Mining .....	1,329	1,333	1,339	-.2	.3	.5
Construction .....	10,921	10,943	10,905	4.5	.2	-.4
Manufacturing .....	39,529	39,682	39,582	-.5	.4	-.3
Durable goods .....	23,458	23,622	23,534	.7	.7	-.4
Nondurable goods .....	16,071	16,060	16,048	-2.3	-.1	-.1
Transportation and public utilities .....	12,981	13,132	13,259	4.1	1.2	1.0
Wholesale trade .....	13,012	13,141	13,219	3.2	1.0	.6
Retail trade .....	32,231	32,462	32,721	2.8	.7	.8
Finance, insurance, and real estate .....	12,949	13,017	13,434	5.1	.5	3.2
Services .....	58,378	58,810	59,518	4.7	.7	1.2
Government .....	36,243	37,977	36,436	1.6	4.8	-4.1

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

<sup>p</sup> = preliminary.

<sup>r</sup> = revised.

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

nonsupervisory workers, and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods*, BLS Bulletin 2414, chapter 10, "Productivity Measures: Business Sector and Major Subsectors".

SOURCE: Office of Productivity and Technology (202-606-5606).

**ESTABLISHMENT DATA  
EARNINGS  
SEASONALLY ADJUSTED**

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

Industry	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>	Sept. <sup>P</sup>
<b>Average hourly earnings</b>													
<b>Total private (in current dollars) .....</b>	\$11.52	\$11.55	\$11.59	\$11.61	\$11.62	\$11.65	\$11.68	\$11.72	\$11.74	\$11.83	\$11.81	\$11.87	\$11.92
<b>Goods-producing .....</b>	13.12	13.13	13.18	13.19	13.30	13.26	13.25	13.40	13.38	13.45	13.48	13.56	13.59
<b>Mining .....</b>	15.41	15.45	15.47	15.51	15.48	15.49	15.46	15.44	15.45	15.59	15.62	15.63	15.80
<b>Construction .....</b>	15.17	15.18	15.20	15.15	15.25	15.23	15.24	15.28	15.31	15.40	15.46	15.49	15.57
<b>Manufacturing .....</b>	12.43	12.46	12.49	12.51	12.63	12.56	12.55	12.74	12.73	12.77	12.79	12.89	12.90
<b>Excluding overtime<sup>2</sup> .....</b>	11.79	11.83	11.86	11.89	12.00	11.93	11.91	12.09	12.06	12.12	12.14	12.22	12.22
<b>Service-producing .....</b>	10.96	11.03	11.03	11.08	11.06	11.11	11.16	11.15	11.18	11.29	11.25	11.30	11.37
<b>Transportation and public utilities .....</b>	14.33	14.40	14.42	14.39	14.39	14.43	14.47	14.49	14.50	14.55	14.52	14.61	14.61
<b>Wholesale trade .....</b>	12.51	12.54	12.55	12.60	12.58	12.63	12.70	12.71	12.71	12.91	12.81	12.88	13.00
<b>Retail trade .....</b>	7.76	7.76	7.78	7.81	7.83	7.85	7.88	7.90	7.93	8.00	7.96	8.01	8.00
<b>Finance, insurance, and real estate .....</b>	12.44	12.52	12.52	12.55	12.55	12.60	12.68	12.64	12.76	12.86	12.77	12.84	12.96
<b>Services .....</b>	11.46	11.52	11.54	11.57	11.59	11.62	11.67	11.65	11.69	11.79	11.78	11.81	11.90
<b>Total private (in constant (1982) dollars)<sup>3</sup> .....</b>	7.42	7.42	7.44	7.44	7.41	7.42	7.40	7.40	7.39	7.44	7.41	7.45	(*)
<b>Goods-producing .....</b>	8.45	8.43	8.46	8.45	8.48	8.44	8.40	8.46	8.42	8.46	8.46	8.51	(*)
<b>Service-producing .....</b>	7.06	7.08	7.08	7.10	7.05	7.07	7.07	7.04	7.04	7.10	7.06	7.09	(*)
<b>Average weekly earnings</b>													
<b>Total private (in current dollars) .....</b>	396.29	398.48	398.70	398.22	392.76	401.93	402.96	402.00	401.51	410.50	403.90	408.33	413.62
<b>Goods-producing .....</b>	536.61	538.33	539.06	535.51	528.01	544.99	540.60	549.40	547.24	552.79	552.68	557.32	558.55
<b>Mining .....</b>	690.37	693.71	683.77	693.30	682.67	701.70	706.52	694.80	698.34	715.58	701.34	698.66	711.00
<b>Construction .....</b>	587.08	593.54	589.76	583.28	582.55	604.63	589.79	594.39	581.78	595.98	598.30	599.46	597.89
<b>Manufacturing .....</b>	515.85	515.84	518.34	515.41	505.20	519.98	518.31	528.71	530.84	533.79	532.06	537.51	539.22
<b>Service-producing .....</b>	358.39	360.68	360.68	361.21	356.13	363.30	366.05	362.38	363.35	372.57	365.63	369.51	375.21
<b>Transportation and public utilities .....</b>	566.04	568.80	571.03	569.84	558.33	574.31	577.35	570.91	568.40	582.00	572.09	581.48	587.32
<b>Wholesale trade .....</b>	477.88	480.28	479.41	481.32	475.52	483.73	486.41	484.25	482.98	499.62	486.78	493.30	500.50
<b>Retail trade .....</b>	223.49	223.49	224.84	224.15	221.59	226.08	227.73	225.94	228.38	232.00	227.66	230.69	232.00
<b>Finance, insurance, and real estate .....</b>	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Services .....</b>	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Total private (in constant (1982) dollars)<sup>3</sup> .....</b>	255.34	255.93	255.91	255.11	250.48	255.84	255.36	253.79	252.68	258.18	253.55	256.17	(*)
<b>Goods-producing .....</b>	345.75	345.75	345.99	343.06	336.74	346.91	342.59	346.84	344.39	347.67	346.94	349.64	(*)
<b>Service-producing .....</b>	230.92	231.65	231.50	231.40	227.12	231.25	231.97	228.78	228.67	234.32	229.52	231.81	(*)

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

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

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

<sup>4</sup> Not available.

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

<sup>P</sup> = preliminary.

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



**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>
<b>Total</b> .....		117,206	118,102	119,554	119,764	120,482	-	-	-	-	-
<b>Total private</b> .....		99,082	98,998	101,163	101,486	101,238	81,244	81,146	82,966	83,258	82,996
<b>Mining</b> .....		587	583	580	582	576	432	429	432	434	430
Metal mining .....	10	52.1	51.0	53.0	53.1	52.2	42.0	41.0	41.9	41.8	-
Iron ores .....	101	8.7	8.4	8.6	8.6	-	7.3	7.1	7.1	7.0	-
Copper ores .....	102	15.6	15.3	15.3	15.3	-	12.5	12.2	12.0	12.0	-
Coal mining .....	12	105.4	104.8	100.7	100.7	99.9	85.0	84.9	82.0	82.2	-
Bituminous coal and lignite mining .....	122	98.4	98.2	94.1	94.1	-	79.3	79.5	76.6	76.7	-
Oil and gas extraction .....	13	319.5	317.2	314.2	315.1	311.5	220.7	219.1	222.6	223.8	-
Crude petroleum and natural gas .....	131	149.6	147.7	140.9	139.5	-	81.5	80.4	78.2	77.4	-
Oil and gas field services .....	138	164.4	164.2	168.1	170.4	-	135.9	135.6	140.5	142.5	-
Nonmetallic minerals, except fuels .....	14	109.9	109.6	112.4	113.1	112.1	84.0	83.7	85.9	86.5	-
Crushed and broken stone .....	142	41.3	41.1	42.1	42.4	-	32.4	32.2	33.2	33.4	-
Sand and gravel .....	144	36.1	36.0	37.4	37.6	-	-	-	-	-	-
Chemical and fertilizer minerals .....	147	13.9	13.9	14.1	14.2	-	-	-	-	-	-
<b>Construction</b> .....		5,494	5,469	5,744	5,783	5,741	4,311	4,290	4,507	4,544	4,507
General building contractors .....	15	1,256.0	1,238.9	1,288.3	1,295.2	1,276.3	906.1	890.5	922.6	929.0	-
Residential building construction .....	152	630.3	617.0	651.4	654.3	-	437.9	425.3	449.3	451.6	-
Operative builders .....	153	27.6	27.4	29.1	29.2	-	12.1	11.8	12.8	12.6	-
Nonresidential building construction .....	154	598.1	594.5	607.8	611.7	-	456.1	453.4	460.5	464.8	-
Heavy construction, except building .....	16	822.8	835.9	836.2	842.9	846.3	694.4	708.4	706.6	713.5	-
Highway and street construction .....	161	274.7	273.8	280.8	283.6	-	229.7	229.6	234.5	237.5	-
Heavy construction, except highway .....	162	548.1	562.1	555.4	559.3	-	464.7	478.8	472.1	476.0	-
Special trade contractors .....	17	3,415.1	3,393.9	3,619.4	3,644.8	3,618.3	2,710.9	2,691.3	2,877.4	2,901.1	-
Plumbing, heating, and air conditioning .....	171	739.7	736.3	782.6	778.8	-	549.5	546.9	581.1	577.5	-
Painting and paper hanging .....	172	201.4	197.1	204.8	206.0	-	170.3	166.5	171.2	172.8	-
Electrical work .....	173	628.2	625.5	655.1	658.6	-	496.2	494.6	517.3	520.6	-
Masonry, stonework, and plastering .....	174	450.1	443.2	484.5	492.0	-	391.3	384.5	420.8	429.1	-
Carpentry and floor work .....	175	235.3	235.4	250.9	255.8	-	179.0	178.7	190.9	195.5	-
Roofing, siding, and sheet metal work .....	176	234.7	232.2	249.7	255.3	-	189.9	187.5	204.0	209.3	-
<b>Manufacturing</b> .....		18,548	18,536	18,223	18,394	18,362	12,853	12,856	12,540	12,713	12,713
<b>Durable goods</b> .....		10,657	10,680	10,627	10,710	10,710	7,291	7,319	7,248	7,327	7,343
Lumber and wood products .....	24	773.3	770.8	774.8	782.3	777.4	637.4	635.1	637.8	644.9	640.1
Logging .....	241	85.5	85.9	80.0	81.8	-	69.6	69.9	64.7	66.2	-
Sawmills and planing mills .....	242	186.7	186.0	183.1	184.7	-	161.6	161.1	158.9	160.8	-
Sawmills and planing mills, general .....	2421	148.6	147.7	146.4	147.2	-	128.4	127.7	126.7	127.6	-
Hardwood dimension and flooring mills .....	2426	36.5	36.7	35.1	35.9	-	31.8	32.1	30.8	31.8	-
Millwork, plywood, and structural members .....	243	281.3	279.1	288.0	290.5	-	225.9	223.7	231.5	234.1	-
Millwork .....	2431	111.8	110.1	114.3	115.2	-	87.0	85.6	88.6	89.8	-
Wood kitchen cabinets .....	2434	76.5	75.9	79.5	79.6	-	61.4	60.7	64.0	64.3	-
Hardwood veneer and plywood .....	2435	27.9	27.8	26.7	27.9	-	24.1	23.9	22.9	23.7	-
Softwood veneer and plywood .....	2436	29.1	29.2	29.4	29.4	-	25.9	26.0	26.5	26.5	-
Wood containers .....	244	50.2	50.4	51.0	50.8	-	42.9	43.0	43.3	43.2	-
Wood buildings and mobile homes .....	245	82.0	81.9	86.5	87.5	-	66.0	66.0	69.5	69.9	-
Mobile homes .....	2451	62.4	62.7	65.6	66.4	-	52.6	52.9	55.2	55.5	-
Miscellaneous wood products .....	249	87.6	87.5	86.2	87.0	-	71.4	71.4	69.9	70.7	-
Furniture and fixtures .....	25	505.7	506.6	491.5	501.4	501.3	399.3	400.3	387.4	396.8	397.6
Household furniture .....	251	275.2	277.3	270.4	275.5	-	228.8	231.2	225.8	230.6	-
Wood household furniture .....	2511	124.7	125.8	123.5	126.3	-	106.0	106.9	105.7	108.3	-
Upholstered household furniture .....	2512	89.5	89.8	87.7	88.7	-	75.1	75.5	73.6	74.6	-
Metal household furniture .....	2514	18.6	19.1	17.3	17.5	-	14.5	15.4	13.7	13.9	-
Mattresses and bedsprings .....	2515	30.6	30.9	30.9	31.1	-	23.6	23.8	23.7	23.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>P</sup>	Sept. 1996 <sup>P</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>P</sup>	Sept. 1996 <sup>P</sup>
<b>Durable goods—Continued</b>											
<b>Furniture and fixtures—Continued</b>											
Office furniture .....	252	62.9	62.1	60.9	60.9	-	46.9	46.2	44.9	45.1	-
Public building and related furniture .....	253	42.7	42.4	39.7	43.7	-	34.1	33.7	31.0	34.6	-
Partitions and fixtures .....	254	87.8	87.1	84.2	84.6	-	65.0	64.4	62.2	62.6	-
Miscellaneous furniture and fixtures .....	259	37.1	37.7	36.3	36.7	-	24.5	24.8	23.5	23.9	-
Stone, clay, and glass products .....	32	548.0	545.9	544.2	547.9	547.0	426.3	424.4	423.9	428.1	427.8
Flat glass .....	321	15.2	15.4	15.0	15.2	-	12.1	12.3	12.0	12.1	-
Glass and glassware, pressed or blown .....	322	73.8	73.6	68.4	70.2	-	62.0	62.0	57.3	59.4	-
Glass containers .....	3221	31.4	31.0	27.8	28.2	-	28.1	27.8	24.9	25.4	-
Pressed and blown glass, nec .....	3229	42.4	42.6	40.6	42.0	-	33.9	34.2	32.4	34.0	-
Products of purchased glass .....	323	62.9	62.8	60.8	61.9	-	48.6	48.5	46.9	48.2	-
Cement, hydraulic .....	324	18.1	17.6	18.1	17.9	-	13.8	13.3	13.9	13.7	-
Structural clay products .....	325	34.3	34.1	33.8	34.0	-	26.4	26.2	26.4	26.7	-
Pottery and related products .....	326	41.2	41.0	38.7	38.7	-	33.0	32.8	30.6	30.6	-
Concrete, gypsum, and plaster products .....	327	213.0	212.1	220.2	220.6	-	163.5	162.8	169.8	169.8	-
Concrete block and brick .....	3271	17.7	17.8	18.0	18.1	-	11.4	11.5	11.4	11.4	-
Concrete products, nec .....	3272	70.8	70.5	71.5	72.1	-	53.5	53.2	54.1	54.7	-
Ready-mixed concrete .....	3273	107.1	106.6	113.2	113.0	-	84.9	84.6	90.5	90.2	-
Misc. nonmetallic mineral products .....	329	76.2	76.0	75.7	75.7	-	57.2	56.9	57.3	57.6	-
Abrasive products .....	3291	19.9	19.7	18.9	19.1	-	14.9	14.8	14.7	15.0	-
Asbestos products .....	3292	2.4	2.4	2.5	2.4	-	2.0	2.0	2.1	2.1	-
Mineral wool .....	3296	24.1	24.0	24.3	24.4	-	-	-	-	-	-
Primary metal industries .....	33	707.6	708.7	695.2	706.8	707.6	548.3	550.3	539.2	550.3	550.9
Blast furnaces and basic steel products .....	331	241.0	239.8	238.4	239.2	238.6	184.0	182.9	183.5	184.1	183.6
Blast furnaces and steel mills .....	3312	171.9	170.3	170.7	170.4	-	131.6	130.3	132.5	131.9	-
Steel pipe and tubes .....	3317	27.4	27.5	26.7	26.8	-	20.5	20.7	20.0	20.3	-
Iron and steel foundries .....	332	129.0	130.0	123.3	126.5	-	105.1	106.4	100.4	103.3	-
Gray and ductile iron foundries .....	3321	82.4	83.5	77.0	80.3	-	67.8	69.1	63.3	66.4	-
Malleable iron foundries .....	3322	4.3	4.3	3.9	4.1	-	3.3	3.3	3.1	3.2	-
Steel foundries, nec .....	3325	27.1	27.1	26.0	25.8	-	22.1	22.2	21.1	20.9	-
Primary nonferrous metals .....	333	40.4	40.2	39.9	40.8	-	30.8	30.6	30.3	31.4	-
Primary aluminum .....	3334	22.6	22.6	21.6	22.5	-	17.7	17.8	16.9	17.9	-
Nonferrous rolling and drawing .....	335	166.2	166.9	164.1	167.2	-	125.3	126.5	123.7	126.7	-
Copper rolling and drawing .....	3351	22.3	22.3	22.4	22.5	-	17.1	17.2	17.3	17.4	-
Aluminum sheet, plate, and foil .....	3353	22.2	22.2	21.5	21.8	-	16.1	16.1	15.5	15.9	-
Nonferrous wire drawing and insulating .....	3357	73.0	73.7	70.3	72.4	-	54.9	55.8	52.7	54.6	-
Nonferrous foundries (castings) .....	336	86.5	87.0	85.7	89.1	-	70.4	71.1	69.4	72.5	-
Aluminum foundries .....	3365	24.6	24.7	24.1	24.8	-	20.3	20.4	19.6	20.5	-
Fabricated metal products .....	34	1,436.9	1,440.1	1,439.4	1,456.0	1,460.2	1,077.4	1,082.4	1,078.0	1,094.4	1,100.7
Metal cans and shipping containers .....	341	41.1	40.6	40.2	40.2	-	35.2	34.7	34.5	34.5	-
Metal cans .....	3411	33.4	32.9	33.0	33.0	-	29.0	28.5	28.7	28.7	-
Cutlery, handtools, and hardware .....	342	126.7	127.5	123.9	126.7	-	95.2	96.0	93.0	95.8	-
Hand and edge tools, and blades and handsaws .....	3423,5	44.2	44.3	43.6	44.2	-	33.9	34.0	33.5	34.3	-
Hardware, nec .....	3429	70.6	71.3	68.9	70.9	-	53.2	53.8	52.1	53.9	-
Plumbing and heating, except electric .....	343	56.6	56.7	56.2	57.7	-	40.6	41.0	40.1	41.3	-
Plumbing fixture fittings and trim .....	3432	22.1	22.0	21.8	22.1	-	16.1	16.1	15.8	16.0	-
Heating equipment, except electric .....	3433	19.7	20.0	20.0	21.1	-	13.3	13.7	13.4	14.4	-
Fabricated structural metal products .....	344	432.0	432.5	441.8	444.5	-	315.2	315.8	323.1	325.7	-
Fabricated structural metal .....	3441	74.5	74.4	76.8	76.7	-	54.2	54.4	56.4	56.3	-
Metal doors, sash, and trim .....	3442	76.7	76.5	78.1	78.9	-	57.3	57.0	58.2	58.7	-
Fabricated plate work (boiler shops) .....	3443	101.5	102.6	100.7	101.7	-	72.7	73.7	72.2	73.0	-
Sheet metal work .....	3444	110.9	110.7	115.5	115.7	-	84.0	84.0	88.5	89.0	-
Architectural metal work .....	3446	29.2	29.2	30.3	30.8	-	21.1	20.9	21.4	21.9	-
Screw machine products, bolts, etc .....	345	98.6	98.5	97.5	97.6	-	77.3	77.2	76.2	76.5	-
Screw machine products .....	3451	50.6	50.7	50.1	50.0	-	41.2	41.4	40.7	40.6	-
Bolts, nuts, rivets, and washers .....	3452	48.0	47.8	47.4	47.6	-	36.1	35.8	35.5	35.9	-
Metal forgings and stampings .....	346	250.0	252.8	246.8	253.5	-	199.8	203.2	196.3	202.4	-
Iron and steel forgings .....	3462	30.6	31.0	29.8	30.5	-	23.7	23.8	22.6	23.3	-
Automotive stampings .....	3465	114.0	116.8	112.9	117.2	-	95.3	98.6	94.1	97.7	-
Metal stampings, nec .....	3469	94.1	93.7	92.9	94.5	-	72.2	72.2	71.1	72.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>
<b>Durable goods—Continued</b>											
Fabricated metal products—Continued											
Metal services, nec .....	347	128.9	129.3	133.5	135.3	-	100.2	101.1	104.7	106.8	-
Plating and polishing .....	3471	79.7	80.0	82.3	83.7	-	61.9	62.6	64.8	66.2	-
Metal coating and allied services .....	3479	49.2	49.3	51.2	51.6	-	38.3	38.5	39.9	40.6	-
Ordnance and accessories, nec .....	348	50.3	49.9	47.2	47.2	-	28.1	27.9	25.6	25.7	-
Ammunition, except for small arms, nec .....	3483	25.8	25.5	24.7	24.8	-	11.5	11.3	10.4	10.6	-
Miscellaneous fabricated metal products .....	349	252.7	252.3	252.3	253.3	-	185.8	185.5	184.5	185.7	-
Valves and pipe fittings, nec .....	3494	25.0	25.0	25.2	25.1	-	18.8	18.8	18.9	18.8	-
Misc. fabricated wire products .....	3496	56.7	56.6	56.7	57.0	-	43.1	43.0	42.7	43.1	-
Industrial machinery and equipment .....	35	2,057.6	2,063.1	2,083.0	2,077.5	2,071.7	1,280.5	1,291.6	1,292.6	1,288.6	1,287.3
Engines and turbines .....	351	88.0	86.9	85.4	84.5	-	55.2	54.6	53.3	52.9	-
Turbines and turbine generator sets .....	3511	26.4	25.7	25.0	25.1	-	15.2	14.6	13.8	14.0	-
Internal combustion engines, nec .....	3519	61.6	61.2	60.4	59.4	-	40.0	40.0	39.5	38.9	-
Farm and garden machinery .....	352	94.7	96.9	91.7	92.9	-	67.9	70.5	64.9	65.9	-
Farm machinery and equipment .....	3523	71.0	72.8	70.6	71.6	-	50.1	52.1	50.3	51.0	-
Construction and related machinery .....	353	223.1	223.5	226.0	225.9	-	144.9	145.8	146.2	146.2	-
Construction machinery .....	3531	78.9	78.7	79.3	79.1	-	53.7	53.8	53.9	53.6	-
Mining machinery .....	3532	16.7	16.6	16.2	16.0	-	10.0	10.0	9.5	9.2	-
Oil and gas field machinery .....	3533	39.7	40.0	41.6	42.1	-	26.9	27.4	28.0	28.5	-
Conveyors and conveying equipment .....	3535	40.9	40.7	40.8	40.5	-	23.5	23.3	22.8	23.0	-
Industrial trucks and tractors .....	3537	29.2	29.2	29.3	29.6	-	20.0	20.0	20.3	20.3	-
Metalworking machinery .....	354	340.5	341.5	342.9	342.4	-	241.9	243.6	242.3	241.8	-
Machine tools, metal cutting types .....	3541	39.9	40.4	41.0	41.2	-	24.7	24.9	25.0	25.1	-
Machine tools, metal forming types .....	3542	17.3	17.5	17.3	17.1	-	11.2	11.5	11.1	11.0	-
Special dies, tools, jigs, and fixtures .....	3544	161.2	161.8	162.4	162.0	-	122.1	123.3	123.2	122.7	-
Machine tool accessories .....	3545	51.1	51.2	51.9	51.9	-	35.8	36.1	36.2	36.1	-
Power driven handtools .....	3546	25.7	25.4	24.9	24.8	-	17.9	17.6	17.0	17.1	-
Special industry machinery .....	355	173.6	174.5	176.0	174.5	-	99.0	100.0	97.5	96.2	-
Textile machinery .....	3552	15.5	15.6	14.5	14.4	-	10.3	10.3	9.6	9.4	-
Printing trades machinery .....	3555	23.4	23.5	22.6	22.3	-	12.6	13.0	12.5	12.3	-
Food products machinery .....	3556	25.5	25.4	26.0	25.7	-	15.6	15.7	15.6	15.4	-
General industrial machinery .....	356	251.1	251.8	253.0	254.1	-	161.0	162.2	161.1	162.3	-
Pumps and pumping equipment .....	3561	29.4	29.2	29.0	29.8	-	16.6	16.6	16.4	17.0	-
Ball and roller bearings .....	3562	38.9	38.8	38.4	39.0	-	30.8	30.8	30.3	31.2	-
Air and gas compressors .....	3563	25.4	25.5	26.2	26.0	-	14.4	14.8	15.3	15.2	-
Blowers and fans .....	3564	34.3	34.8	35.5	35.4	-	22.9	23.2	23.4	23.5	-
Speed changers, drives, and gears .....	3566	16.9	17.1	17.3	17.2	-	11.8	12.0	12.2	12.1	-
Power transmission equipment, nec .....	3568	21.0	20.9	20.9	21.0	-	14.5	14.6	14.5	14.6	-
Computer and office equipment .....	357	351.2	352.1	359.5	358.8	355.8	121.4	122.0	125.3	124.7	-
Electronic computers .....	3571	191.7	192.2	195.0	194.7	-	54.1	54.3	55.8	55.7	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	57.9	57.7	56.8	57.0	-	20.6	20.8	22.3	22.4	-
Refrigeration and service machinery .....	358	201.4	201.9	209.3	205.9	-	141.3	144.2	150.5	147.4	-
Refrigeration and heating equipment .....	3585	137.7	138.4	144.3	140.6	-	101.7	104.4	109.9	106.5	-
Misc. industrial and commercial machinery .....	359	334.0	334.0	339.2	338.5	-	247.9	248.7	251.5	251.2	-
Carburetors, pistons, rings, valves .....	3592	22.3	22.4	21.9	22.5	-	17.6	17.8	17.0	17.6	-
Scales, balances, and industrial machinery, nec .....	3596,9	266.2	266.5	271.4	270.2	-	202.9	203.5	206.3	205.4	-
Electronic and other electrical equipment .....	36	1,623.6	1,634.0	1,646.4	1,650.0	1,649.6	1,039.6	1,044.9	1,043.9	1,046.2	1,051.0
Electric distribution equipment .....	361	83.1	82.2	81.6	82.4	-	58.1	57.0	55.2	55.8	-
Transformers, except electronic .....	3612	41.4	40.8	39.3	39.8	-	30.2	29.4	27.7	28.0	-
Switchgear and switchboard apparatus .....	3613	41.7	41.4	42.3	42.6	-	27.9	27.6	27.5	27.8	-
Electrical industrial apparatus .....	362	155.9	158.6	157.5	155.0	-	110.0	112.0	110.2	107.6	-
Motors and generators .....	3621	76.8	79.2	77.2	74.8	-	60.1	62.0	60.0	57.5	-
Relays and industrial controls .....	3625	59.0	59.2	60.0	59.6	-	35.2	35.2	35.5	35.2	-
Household appliances .....	363	118.5	119.9	121.7	122.1	-	95.3	97.1	97.0	96.8	-
Household refrigerators and freezers .....	3632	29.7	29.7	32.1	31.7	-	25.8	25.9	26.6	26.2	-
Household laundry equipment .....	3633	16.2	16.1	16.0	16.1	-	14.4	14.3	13.0	13.1	-
Electric housewares and fans .....	3634	28.8	30.1	29.0	29.4	-	21.8	23.1	22.5	22.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>P</sup>	Sept. 1996 <sup>P</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>P</sup>	Sept. 1996 <sup>P</sup>
<b>Durable goods—Continued</b>											
Electronic and other electrical equipment—Continued											
Electric lighting and wiring equipment .....	364	177.1	177.1	172.2	173.9	-	126.8	126.7	122.8	124.4	-
Electric lamps .....	3641	22.2	21.9	21.1	21.3	-	16.5	16.3	16.2	16.4	-
Current-carrying wiring devices .....	3643	62.0	62.0	61.6	61.7	-	41.1	41.0	40.3	40.6	-
Noncurrent-carrying wiring devices .....	3644	17.4	17.3	16.2	16.5	-	13.1	13.1	12.5	12.7	-
Residential lighting fixtures .....	3645	19.1	19.4	18.5	18.9	-	14.7	14.9	13.8	14.2	-
Household audio and video equipment .....	365	83.7	85.8	82.2	83.0	-	56.9	58.9	55.3	55.9	-
Household audio and video equipment .....	3651	55.2	56.3	54.7	55.2	-	34.9	36.0	34.2	34.5	-
Communications equipment .....	366	264.3	264.2	263.1	263.0	-	130.9	129.5	126.2	125.7	-
Telephone and telegraph apparatus .....	3661	112.7	112.4	112.6	112.9	-	59.9	59.0	57.6	57.4	-
Electronic components and accessories .....	367	587.0	591.3	616.1	615.3	612.2	352.0	352.8	367.4	366.3	-
Electron tubes .....	3671	24.5	24.7	24.6	24.7	-	16.4	16.7	17.0	17.4	-
Semiconductors and related devices .....	3674	239.5	241.9	263.1	261.8	-	105.7	106.6	118.2	116.6	-
Electronic components, nec .....	3679	136.4	137.0	141.2	140.9	-	90.7	89.8	93.9	93.9	-
Misc. electrical equipment and supplies .....	369	154.0	154.9	152.0	155.3	-	109.6	110.9	109.8	113.7	-
Storage batteries .....	3691	26.3	26.5	25.7	26.9	-	20.4	20.7	20.1	21.2	-
Engine electrical equipment .....	3694	69.6	70.5	68.4	71.2	-	54.5	55.3	53.5	56.7	-
Transportation equipment .....	37	1,778.5	1,784.4	1,741.4	1,768.0	1,776.3	1,192.8	1,199.7	1,170.7	1,193.5	1,202.6
Motor vehicles and equipment .....	371	968.4	972.9	933.1	958.8	964.8	757.0	761.3	731.2	753.2	759.0
Motor vehicles and car bodies .....	3711	361.6	365.7	345.8	356.6	-	270.5	274.4	264.0	271.3	-
Truck and bus bodies .....	3713	39.6	38.8	38.4	38.9	-	31.6	31.0	31.0	31.3	-
Motor vehicle parts and accessories .....	3714	508.8	510.5	496.7	511.9	-	407.7	409.3	394.1	409.3	-
Truck trailers .....	3715	39.5	38.8	31.7	31.5	-	32.4	31.8	25.1	25.1	-
Aircraft and parts .....	372	445.7	446.4	450.3	451.1	455.2	208.5	209.6	214.6	214.5	-
Aircraft .....	3721	240.7	240.1	239.9	239.7	-	95.9	95.7	95.2	94.3	-
Aircraft engines and engine parts .....	3724	92.9	94.0	94.7	95.0	-	45.6	46.7	49.2	49.3	-
Aircraft parts and equipment, nec .....	3728	112.1	112.3	115.7	116.4	-	67.0	67.2	70.2	70.9	-
Ship and boat building and repairing .....	373	156.7	158.7	153.7	154.1	-	120.6	122.9	117.2	118.4	-
Ship building and repairing .....	3731	104.0	104.9	98.5	98.8	-	76.6	77.8	71.2	72.4	-
Boat building and repairing .....	3732	52.7	53.8	55.2	55.3	-	44.0	45.1	46.0	46.0	-
Railroad equipment .....	374	37.1	37.2	35.2	35.2	-	27.4	27.5	26.3	26.4	-
Guided missiles, space vehicles, and parts .....	376	98.1	97.0	92.6	92.9	-	27.9	27.2	25.4	25.3	-
Guided missiles and space vehicles .....	3761	69.7	68.7	66.0	66.3	-	17.8	17.1	16.5	16.5	-
Miscellaneous transportation equipment .....	379	52.9	52.5	55.0	54.8	-	37.5	37.0	39.9	39.9	-
Travel trailers and campers .....	3792	21.0	20.5	23.2	23.3	-	17.5	17.0	19.7	19.8	-
Instruments and related products .....	38	836.3	834.8	831.8	833.3	831.5	414.2	412.9	408.5	411.7	411.5
Search and navigation equipment .....	381	156.2	155.3	152.4	152.2	-	47.3	46.9	43.4	43.2	-
Measuring and controlling devices .....	382	285.7	285.2	287.3	288.6	-	146.5	145.7	145.1	146.3	-
Environmental controls .....	3822	42.7	42.8	41.3	42.3	-	28.0	28.0	26.3	27.2	-
Process control instruments .....	3823	63.7	63.3	64.4	64.1	-	31.6	31.3	32.3	32.4	-
Instruments to measure electricity .....	3825	70.6	70.5	72.6	72.7	-	32.4	32.0	32.0	31.9	-
Medical instruments and supplies .....	384	265.2	265.2	265.4	266.5	-	152.1	151.9	153.3	155.1	-
Surgical and medical instruments .....	3841	102.0	101.7	101.3	102.2	-	62.7	62.5	64.1	65.4	-
Surgical appliances and supplies .....	3842	94.6	94.7	92.8	93.1	-	59.3	59.6	56.9	56.9	-
Ophthalmic goods .....	385	36.9	37.1	35.5	35.1	-	23.6	23.9	23.1	22.7	-
Photographic equipment and supplies .....	386	84.5	84.5	84.6	83.7	-	38.5	38.6	38.4	38.5	-
Watches, clocks, watchcases, and parts .....	387	7.8	7.5	6.6	7.2	-	6.2	5.9	5.2	5.9	-
Miscellaneous manufacturing industries .....	39	389.6	391.6	378.9	386.9	387.1	274.7	277.6	265.9	272.4	273.5
Jewelry, silverware, and plated ware .....	391	50.0	51.2	46.3	48.4	-	34.4	35.7	31.3	33.3	-
Jewelry, precious metal .....	3911	37.2	38.2	34.8	35.8	-	25.5	26.5	23.3	24.2	-
Musical instruments .....	393	14.3	14.3	14.7	15.3	-	11.5	11.5	11.4	12.0	-
Toys and sporting goods .....	394	115.9	116.6	112.8	113.8	-	82.2	83.4	79.1	79.3	-
Dolls, games, toys, and children's vehicles .....	3942,4	42.5	42.1	40.3	41.6	-	28.7	28.4	27.0	28.1	-
Sporting and athletic goods, nec .....	3949	73.4	74.5	72.5	72.2	-	53.5	55.0	52.1	51.2	-
Pens, pencils, office, and art supplies .....	395	31.5	31.5	32.5	32.3	-	21.3	21.3	22.3	21.5	-
Costume jewelry and notions .....	396	26.3	26.1	23.3	25.7	-	18.2	18.1	16.3	18.3	-
Costume jewelry .....	3961	15.8	15.6	12.8	15.1	-	10.9	10.8	8.9	10.8	-
Miscellaneous manufactures .....	399	151.6	151.9	149.3	151.4	-	107.1	107.6	105.5	108.0	-
Signs and advertising specialties .....	3993	64.2	64.1	63.4	64.0	-	43.0	43.0	41.8	42.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>P</sup>	Sept. 1996 <sup>P</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>P</sup>	Sept. 1996 <sup>P</sup>
<b>Nondurable goods</b> .....		7,891	7,856	7,596	7,684	7,652	5,562	5,537	5,292	5,386	5,370
Food and kindred products .....	20	1,759.3	1,750.4	1,676.7	1,722.2	1,709.6	1,310.8	1,305.7	1,241.0	1,286.9	1,277.7
Meat products .....	201	472.0	471.1	461.7	462.4	-	401.7	401.4	392.8	393.9	-
Meat packing plants .....	2011	141.6	141.5	136.8	137.1	-	119.1	119.0	114.1	114.3	-
Sausages and other prepared meats .....	2013	93.3	93.1	93.4	94.1	-	72.2	72.2	72.6	73.2	-
Poultry slaughtering and processing .....	2015	237.1	236.5	231.5	231.2	-	210.4	210.2	206.1	206.4	-
Dairy products .....	202	151.3	149.2	148.8	147.5	-	97.8	96.2	97.6	96.8	-
Cheese, natural and processed .....	2022	40.7	40.1	40.3	40.3	-	33.1	32.7	32.8	32.9	-
Fluid milk .....	2026	65.7	65.6	63.6	63.2	-	36.0	35.5	35.4	35.3	-
Preserved fruits and vegetables .....	203	304.4	295.1	246.6	286.6	-	261.7	253.5	207.3	246.9	-
Canned specialties .....	2032	21.3	22.7	20.4	21.8	-	17.5	18.9	16.2	17.7	-
Canned fruits and vegetables .....	2033	123.5	117.4	86.4	115.0	-	108.3	102.6	73.8	101.5	-
Frozen fruits and vegetables .....	2037	62.0	58.9	48.0	56.0	-	55.4	52.5	41.4	49.5	-
Grain mill products .....	204	128.4	128.7	126.0	126.8	-	90.6	91.1	89.0	90.2	-
Flour and other grain mill products .....	2041	19.1	19.4	18.8	18.8	-	12.3	12.5	11.7	11.8	-
Prepared feeds, nec .....	2048	42.8	42.9	42.6	42.6	-	26.8	26.9	26.6	26.7	-
Bakery products .....	205	209.1	211.4	202.5	201.8	-	140.0	142.6	136.3	135.8	-
Bread, cake, and related products .....	2051	146.6	147.6	143.7	143.1	-	90.2	91.4	88.0	87.5	-
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	62.5	63.8	58.8	58.7	-	49.8	51.2	48.3	48.3	-
Sugar and confectionery products .....	206	97.6	103.8	92.9	98.6	-	76.0	82.0	72.1	77.5	-
Raw cane sugar .....	2061	4.5	5.1	2.8	4.3	-	3.4	3.6	2.1	3.3	-
Cane sugar refining .....	2062	4.6	4.3	4.5	4.5	-	3.5	3.3	3.4	3.4	-
Beet sugar .....	2063	7.6	10.1	6.8	6.9	-	6.4	9.0	5.7	5.8	-
Candy and other confectionery products .....	2064	53.3	56.0	52.9	56.5	-	42.7	45.3	42.1	45.7	-
Fats and oils .....	207	31.5	31.6	31.7	31.7	-	20.5	20.8	21.8	21.9	-
Beverages .....	208	176.3	177.7	179.5	179.1	-	82.7	83.9	85.3	84.8	-
Malt beverages .....	2082	36.3	35.9	35.1	34.9	-	23.9	23.7	22.7	22.2	-
Bottled and canned soft drinks .....	2086	94.1	93.0	96.7	96.1	-	37.7	36.7	40.4	40.0	-
Misc. food and kindred products .....	209	188.7	181.8	187.0	187.7	-	139.8	134.2	138.8	139.1	-
Tobacco products .....	21	44.1	44.2	37.0	39.7	41.1	33.9	34.2	27.6	30.6	33.1
Cigarettes .....	211	28.8	28.3	28.4	27.9	-	21.4	21.1	21.0	20.5	-
Textile mill products .....	22	663.8	659.5	631.1	637.9	635.2	560.3	557.2	532.2	540.5	539.4
Broadwoven fabric mills, cotton .....	221	78.5	78.1	73.6	74.0	-	69.0	68.9	64.9	65.4	-
Broadwoven fabric mills, synthetics .....	222	70.2	69.8	66.3	67.6	-	58.6	58.2	55.8	57.0	-
Broadwoven fabric mills, wool .....	223	15.4	14.8	15.8	15.5	-	13.1	12.6	13.5	13.3	-
Narrow fabric mills .....	224	23.1	22.7	20.0	20.9	-	19.5	19.0	16.5	17.3	-
Knitting mills .....	225	195.3	193.6	184.7	184.8	-	167.3	165.9	158.2	159.1	-
Women's hosiery, except socks .....	2251	22.2	21.7	20.0	20.2	-	19.3	18.8	17.3	17.5	-
Hosiery, nec .....	2252	41.9	41.0	41.2	40.9	-	36.8	36.0	36.2	35.8	-
Knit outerwear mills .....	2253	61.3	61.4	56.8	56.9	-	52.3	52.4	49.0	49.2	-
Knit underwear mills .....	2254	21.9	21.7	20.9	21.4	-	19.2	19.0	18.1	19.1	-
Weft knit fabric mills .....	2257	27.2	26.8	25.5	24.9	-	22.5	22.3	20.8	20.4	-
Textile finishing, except wool .....	226	72.5	72.2	68.4	69.6	-	59.0	58.9	55.5	56.6	-
Finishing plants, cotton .....	2261	34.2	34.2	32.6	32.7	-	28.0	28.1	26.5	26.6	-
Finishing plants, synthetics .....	2262	24.1	24.0	22.2	23.0	-	19.1	19.1	17.6	18.4	-
Carpets and rugs .....	227	62.4	61.8	60.8	61.6	-	50.4	50.0	48.5	49.8	-
Yarn and thread mills .....	228	94.8	94.7	91.1	92.6	-	83.7	83.6	80.7	82.2	-
Yarn spinning mills .....	2281	72.2	72.3	68.2	69.5	-	64.5	64.5	60.9	62.2	-
Throwing and winding mills .....	2282	15.5	15.4	16.0	16.1	-	13.2	13.2	13.7	13.8	-
Miscellaneous textile goods .....	229	51.6	51.8	50.4	51.3	-	39.7	40.1	38.6	39.8	-
Apparel and other textile products .....	23	926.9	921.9	828.9	840.8	841.2	765.7	762.7	676.1	688.4	690.9
Men's and boys' suits and coats .....	231	35.8	35.8	30.5	31.1	-	29.2	29.2	24.6	25.3	-
Men's and boys' furnishings .....	232	250.7	248.7	216.4	220.5	-	212.7	210.9	182.5	186.8	-
Men's and boys' shirts .....	2321	54.4	53.4	45.4	45.6	-	45.7	44.7	38.2	38.4	-
Men's and boys' trousers and slacks .....	2325	76.5	76.7	67.9	69.0	-	65.2	65.7	58.3	59.5	-
Men's and boys' work clothing .....	2326	40.5	39.9	34.6	37.4	-	35.3	34.6	29.5	32.3	-
Women's and misses' outerwear .....	233	276.9	275.1	242.6	245.0	-	227.1	227.0	195.9	198.8	-
Women's and misses' blouses and shirts .....	2331	29.3	29.7	25.8	25.5	-	23.1	23.6	20.1	19.9	-
Women's, juniors', and misses' dresses .....	2335	44.3	44.3	41.3	41.3	-	36.0	35.8	32.9	32.9	-
Women's and misses' suits and coats .....	2337	32.7	31.5	29.1	30.5	-	25.1	24.5	22.3	23.4	-
Women's and misses' outerwear, nec .....	2339	170.6	169.6	146.4	147.7	-	142.9	143.1	120.6	122.6	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>
<b>Nondurable goods—Continued</b>											
<b>Apparel and other textile products—Continued</b>											
Women's and children's undergarments .....	234	47.3	46.6	40.8	40.7	-	38.9	38.5	32.5	32.4	-
Women's and children's underwear .....	2341	35.6	34.9	29.8	30.2	-	30.6	30.2	24.9	25.3	-
Brassieres, girdles, and allied garments .....	2342	11.7	11.7	11.0	10.5	-	8.3	8.3	7.6	7.1	-
Girls' and children's outerwear .....	236	42.8	43.2	37.5	37.0	-	35.7	35.9	31.0	30.5	-
Girls' and children's dresses and blouses .....	2361	17.3	17.4	14.0	13.7	-	14.6	14.5	11.9	11.6	-
Misc. apparel and accessories .....	238	35.9	36.0	34.5	35.6	-	29.2	29.3	27.9	28.9	-
Misc. fabricated textile products .....	239	217.6	216.7	208.9	212.2	-	177.0	176.1	167.9	171.0	-
Curtains and draperies .....	2391	20.0	20.1	18.9	19.3	-	16.0	16.0	15.0	15.4	-
House furnishings, nec .....	2392	56.1	56.8	53.7	55.2	-	47.8	48.4	45.5	46.9	-
Automotive and apparel trimmings .....	2396	59.1	58.6	55.8	56.2	-	47.5	47.1	44.4	44.8	-
Paper and allied products .....	26	696.3	690.7	676.9	679.6	676.6	528.9	523.6	513.1	517.9	516.0
Paper mills .....	262	165.4	162.9	161.7	161.1	-	127.5	125.5	125.3	125.0	-
Paperboard mills .....	263	51.8	51.1	51.2	51.0	-	39.8	39.2	39.0	38.9	-
Paperboard containers and boxes .....	265	220.5	219.8	216.5	218.5	-	171.9	171.4	167.7	169.8	-
Corrugated and solid fiber boxes .....	2653	130.2	130.3	130.4	131.3	-	97.8	98.0	97.3	98.4	-
Sanitary food containers .....	2656	18.7	18.5	18.5	18.3	-	16.5	16.3	16.5	16.2	-
Folding paperboard boxes .....	2657	48.3	47.7	45.9	46.5	-	39.2	38.8	37.2	37.7	-
Misc. converted paper products .....	267	245.9	244.4	235.3	236.7	-	179.8	177.8	171.6	174.7	-
Paper, coated and laminated, nec .....	2672	48.8	48.1	45.7	45.9	-	25.2	24.3	23.0	24.0	-
Bags: plastics, laminated, and coated .....	2673	39.1	39.2	38.0	38.1	-	29.9	29.9	29.2	29.4	-
Envelopes .....	2677	23.6	23.8	23.2	23.3	-	18.2	18.3	18.0	18.1	-
Printing and publishing .....	27	1,539.3	1,536.1	1,526.0	1,525.6	1,519.0	845.1	841.7	831.6	832.2	827.8
Newspapers .....	271	444.7	444.0	441.0	439.8	-	154.0	153.5	148.9	148.8	-
Periodicals .....	272	130.6	129.9	131.2	130.9	-	42.4	42.4	42.8	42.9	-
Books .....	273	122.3	120.0	122.2	121.1	-	65.0	62.3	64.6	63.7	-
Book publishing .....	2731	84.3	82.7	83.9	83.0	-	34.1	32.2	34.0	33.2	-
Book printing .....	2732	38.0	37.3	38.3	38.1	-	30.9	30.1	30.6	30.5	-
Miscellaneous publishing .....	274	83.6	83.0	85.2	85.2	-	38.9	38.4	40.9	40.8	-
Commercial printing .....	275	562.0	562.4	556.7	558.2	-	404.8	405.1	397.6	398.6	-
Commercial printing, lithographic .....	2752	366.9	367.1	362.2	364.0	-	262.9	263.4	257.8	259.1	-
Commercial printing, nec .....	2759	174.1	173.9	174.0	173.4	-	124.9	124.6	123.9	123.3	-
Manifold business forms .....	276	44.8	44.9	43.7	43.7	-	31.3	31.2	30.2	30.3	-
Blankbooks and bookbinding .....	278	70.2	69.7	67.8	68.2	-	54.7	53.9	52.7	52.9	-
Printing trade services .....	279	54.6	55.1	52.4	52.5	-	38.8	39.2	36.6	36.5	-
Chemicals and allied products .....	28	1,038.1	1,032.0	1,024.6	1,026.0	1,019.5	582.6	579.9	566.3	567.0	565.4
Industrial inorganic chemicals .....	281	118.0	117.4	116.7	116.1	-	53.7	53.5	53.3	53.2	-
Industrial inorganic chemicals, nec .....	2819	72.6	72.0	70.6	70.2	-	35.3	35.1	34.9	34.9	-
Plastics materials and synthetics .....	282	158.0	156.6	153.8	154.8	-	105.9	104.6	100.9	102.0	-
Plastics materials and resins .....	2821	75.7	74.7	76.0	75.9	-	48.0	47.1	47.0	46.9	-
Organic fibers, noncellulosic .....	2824	48.1	48.0	44.6	45.7	-	35.9	35.9	34.0	35.0	-
Drugs .....	283	258.8	257.3	255.6	256.2	-	128.2	128.7	120.2	119.2	-
Pharmaceutical preparations .....	2834	208.8	207.7	205.3	205.6	-	108.5	108.3	99.7	98.4	-
Soap, cleaners, and toilet goods .....	284	154.3	154.3	150.1	152.0	-	95.8	95.7	91.8	93.7	-
Soap and other detergents .....	2841	42.4	42.4	41.3	42.3	-	23.4	23.6	22.5	23.4	-
Polishing, sanitation, and finishing preparations .....	2842,3	41.5	41.4	39.8	39.7	-	24.5	24.1	22.5	22.4	-
Toilet preparations .....	2844	70.4	70.5	69.0	70.0	-	47.9	48.0	46.8	47.9	-
Paints and allied products .....	285	57.1	56.4	57.1	57.2	-	30.1	29.6	30.2	30.6	-
Industrial organic chemicals .....	286	147.9	146.8	147.6	147.0	-	83.9	83.5	84.3	83.9	-
Cyclic crudes and intermediates .....	2865	25.7	25.9	26.0	26.0	-	15.0	15.2	15.6	15.6	-
Industrial organic chemicals, nec .....	2869	119.6	118.3	119.0	118.4	-	66.9	66.3	66.7	66.4	-
Agricultural chemicals .....	287	52.4	51.8	52.3	52.1	-	30.4	29.8	30.6	30.1	-
Miscellaneous chemical products .....	289	91.6	91.4	91.4	90.6	-	54.6	54.5	55.0	54.3	-
Petroleum and coal products .....	29	146.6	144.3	142.5	143.1	141.0	95.6	93.9	93.0	93.3	92.5
Petroleum refining .....	291	103.8	102.2	98.8	98.4	-	66.3	65.0	62.8	63.0	-
Asphalt paving and roofing materials .....	295	29.1	28.4	29.6	30.6	-	22.0	21.6	22.6	22.8	-
Rubber and misc. plastics products .....	30	971.6	971.3	960.7	974.0	973.6	755.7	754.9	741.3	755.1	754.6
Tires and inner tubes .....	301	79.9	79.3	77.8	78.2	-	58.3	57.6	56.4	56.7	-
Rubber and plastics footwear .....	302	6.9	6.7	4.8	5.6	-	5.6	5.4	3.7	4.6	-
Hose, belting, gaskets, and packing .....	305	68.9	68.5	68.0	68.3	-	52.7	52.4	51.3	51.9	-
Rubber and plastics hose and belting .....	3052	27.4	27.4	27.0	27.2	-	21.3	21.3	20.8	20.9	-
Fabricated rubber products, nec .....	306	110.2	110.2	106.4	109.7	-	85.0	85.1	80.9	84.4	-
Miscellaneous plastics products, nec .....	308	705.7	706.6	703.7	712.2	-	554.1	554.4	549.0	557.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>P</sup>	Sept. 1996 <sup>P</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>P</sup>	Sept. 1996 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Leather and leather products .....	31	105.3	105.5	91.9	95.4	94.9	83.1	83.1	69.8	73.7	73.0
Leather tanning and finishing .....	311	13.6	13.5	12.3	12.6	-	11.3	11.2	10.0	10.4	-
Footwear, except rubber .....	314	53.0	52.9	43.6	45.9	-	43.7	43.4	34.5	36.7	-
Men's footwear, except athletic .....	3143	25.9	25.6	23.7	23.7	-	20.3	20.2	18.3	18.3	-
Women's footwear, except athletic .....	3144	17.3	17.8	13.0	14.1	-	14.8	14.7	10.3	11.3	-
Luggage .....	316	10.4	10.6	10.1	10.5	-	7.9	8.0	7.2	7.8	-
Handbags and personal leather goods .....	317	11.7	11.8	10.5	10.6	-	7.9	8.0	6.4	6.7	-
<b>Transportation and public utilities .....</b>		<b>6,170</b>	<b>6,234</b>	<b>6,326</b>	<b>6,330</b>	<b>6,395</b>	<b>5,167</b>	<b>5,227</b>	<b>5,318</b>	<b>5,320</b>	<b>5,390</b>
Transportation .....		3,904	3,971	4,028	4,029	4,106	-	-	-	-	-
Railroad transportation .....	40	239.2	238.5	231.9	233.4	233.4	-	-	-	-	-
Class I railroads plus Amtrak <sup>2</sup> .....	4011	212.8	212.0	205.8	207.4	-	-	-	-	-	-
Local and interurban passenger transit .....	41	366.5	443.0	393.7	390.5	472.9	332.6	408.7	355.9	351.4	-
Local and suburban transportation .....	411	204.4	205.7	217.8	218.2	-	185.4	186.7	198.1	198.5	-
Taxicabs .....	412	31.6	31.9	33.7	34.0	-	-	-	-	-	-
Intercity and rural bus transportation .....	413	24.3	25.0	27.1	27.2	-	22.2	23.0	24.6	24.6	-
School buses .....	415	76.0	148.4	81.3	78.3	-	-	-	-	-	-
Trucking and warehousing .....	42	1,894.8	1,884.8	1,909.2	1,907.0	1,902.5	1,652.2	1,641.8	1,664.6	1,662.1	-
Trucking and courier services, except air .....	421	1,748.8	1,735.8	1,756.2	1,753.8	-	1,529.9	1,516.9	1,536.5	1,534.0	-
Public warehousing and storage .....	422	141.5	144.5	148.6	148.7	-	118.3	120.9	124.1	124.1	-
Water transportation .....	44	180.0	176.9	182.1	179.8	177.9	-	-	-	-	-
Water transportation of freight, nec .....	444	12.8	12.7	13.8	13.9	-	-	-	-	-	-
Water transportation services .....	449	121.9	120.4	127.1	125.0	-	108.8	106.9	113.1	111.2	-
Transportation by air .....	45	794.2	797.0	853.6	859.0	859.4	-	-	-	-	-
Air transportation, scheduled .....	451	637.6	640.4	680.2	684.7	-	-	-	-	-	-
Air transportation, scheduled .....	4512	490.6	490.8	514.6	517.8	-	-	-	-	-	-
Airports, flying fields, and services .....	458	111.3	111.1	120.7	121.4	-	-	-	-	-	-
Pipelines, except natural gas .....	46	14.9	14.6	14.2	14.1	13.8	12.0	11.7	11.5	11.4	-
Transportation services .....	47	414.4	415.9	442.8	444.7	446.1	330.8	332.9	356.0	358.2	-
Passenger transportation arrangement .....	472	203.5	202.7	212.5	212.7	-	165.6	165.5	176.0	177.0	-
Travel agencies .....	4724	161.9	161.1	167.8	168.3	-	131.1	131.1	138.9	140.2	-
Freight transportation arrangement .....	473	168.7	170.5	181.4	182.7	-	130.6	132.3	139.7	140.4	-
<b>Communications and public utilities .....</b>		<b>2,266</b>	<b>2,263</b>	<b>2,298</b>	<b>2,301</b>	<b>2,289</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Communications .....	48	1,345.2	1,349.6	1,397.3	1,403.5	1,400.7	1,037.8	1,041.1	1,097.5	1,102.0	-
Telephone communications .....	481	924.0	927.4	954.2	958.9	-	690.8	693.2	732.2	734.9	-
Telephone communications, except radio .....	4813	820.6	822.6	833.5	836.5	-	613.7	615.1	637.8	639.6	-
Radio and television broadcasting .....	483	236.9	237.4	243.2	244.3	-	199.2	199.5	203.2	204.3	-
Radio broadcasting stations .....	4832	113.8	113.9	116.2	115.8	-	-	-	-	-	-
Television broadcasting stations .....	4833	123.1	123.5	127.0	128.5	-	-	-	-	-	-
Cable and other pay television services .....	484	159.4	160.6	177.3	178.2	-	134.7	135.5	150.0	150.8	-
Electric, gas, and sanitary services .....	49	920.9	913.0	900.3	897.6	888.2	729.0	721.6	713.1	711.8	-
Electric services .....	491	406.4	401.4	387.8	386.6	-	317.4	313.4	306.6	306.2	-
Gas production and distribution .....	492	154.3	151.7	149.0	148.5	-	120.1	117.3	116.2	115.8	-
Combination utility services .....	493	166.7	166.0	162.8	162.3	-	127.5	127.2	125.6	125.8	-
Sanitary services .....	495	160.7	161.6	166.4	166.0	-	138.6	138.8	137.7	137.2	-
<b>Wholesale trade .....</b>		<b>6,472</b>	<b>6,467</b>	<b>6,629</b>	<b>6,633</b>	<b>6,620</b>	<b>5,252</b>	<b>5,244</b>	<b>5,366</b>	<b>5,366</b>	<b>5,345</b>
Durable goods .....	50	3,767	3,761	3,886	3,885	3,870	3,033	3,024	3,111	3,104	-
Motor vehicles, parts, and supplies .....	501	496.9	494.9	508.2	509.0	-	405.1	402.8	415.7	416.8	-
Automobiles and other motor vehicles .....	5012	129.8	130.0	135.8	136.3	-	-	-	-	-	-
Motor vehicle supplies and new parts .....	5013	291.6	289.7	296.0	295.8	-	-	-	-	-	-
Furniture and home furnishings .....	502	150.5	151.1	158.5	158.9	-	120.5	121.1	126.6	126.9	-
Furniture .....	5021	69.9	70.0	74.1	74.1	-	-	-	-	-	-
Home furnishings .....	5023	80.6	81.1	84.4	84.8	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>
<b>Wholesale trade—Continued</b>											
<b>Durable goods—Continued</b>											
Lumber and other construction materials .....	503	245.4	244.3	252.7	253.9	-	202.8	201.5	209.1	210.5	-
Lumber, plywood, and millwork .....	5031	124.2	123.6	126.2	127.0	-	-	-	-	-	-
Construction materials, nec .....	5039	39.4	39.2	40.7	41.1	-	-	-	-	-	-
Professional and commercial equipment .....	504	814.8	818.3	869.3	866.7	-	657.3	658.6	690.8	686.1	-
Office equipment .....	5044	191.5	192.5	206.6	206.5	-	-	-	-	-	-
Computers, peripherals and software .....	5045	303.9	305.5	320.6	318.7	-	-	-	-	-	-
Medical and hospital equipment .....	5047	175.8	177.2	190.2	190.4	-	144.7	146.6	156.1	156.5	-
Metals and minerals, except petroleum .....	505	143.8	143.8	148.8	149.0	-	116.1	116.1	120.3	120.4	-
Electrical goods .....	506	495.1	494.1	504.5	504.3	-	389.8	388.0	386.3	383.8	-
Electrical apparatus and equipment .....	5063	212.8	211.9	218.5	218.7	-	-	-	-	-	-
Electrical appliances, television and radio sets .....	5064	50.0	49.9	48.7	48.3	-	-	-	-	-	-
Electronic parts and equipment .....	5065	232.3	232.3	237.3	237.3	-	-	-	-	-	-
Hardware, plumbing, and heating equipment .....	507	289.8	288.1	293.2	294.5	-	234.7	233.0	237.4	238.8	-
Hardware .....	5072	102.5	102.3	103.2	103.6	-	-	-	-	-	-
Plumbing and hydronic heating supplies .....	5074	115.0	114.2	115.3	115.8	-	-	-	-	-	-
Machinery, equipment, and supplies .....	508	795.9	791.4	813.0	811.1	-	634.7	630.0	650.6	648.2	-
Construction and mining machinery .....	5082	82.5	82.4	86.5	86.2	-	-	-	-	-	-
Farm and garden machinery .....	5083	121.6	119.6	122.4	122.1	-	-	-	-	-	-
Industrial machinery and equipment .....	5084	322.7	320.9	329.2	328.2	-	-	-	-	-	-
Industrial supplies .....	5085	150.4	150.3	152.6	152.7	-	-	-	-	-	-
Misc. wholesale trade durable goods .....	509	334.6	334.9	338.0	337.3	-	272.4	272.8	274.4	272.7	-
Scrap and waste materials .....	5093	131.2	131.7	133.9	133.7	-	-	-	-	-	-
Nondurable goods .....	51	2,705	2,706	2,743	2,748	2,750	2,219	2,220	2,255	2,262	-
Paper and paper products .....	511	259.6	259.6	268.1	270.5	-	214.8	215.3	223.8	226.9	-
Stationery and office supplies .....	5112	147.0	147.0	154.3	155.2	-	-	-	-	-	-
Drugs, proprietaries, and sundries .....	512	199.1	198.3	205.8	207.0	-	164.8	164.2	171.6	172.8	-
Apparel, piece goods, and notions .....	513	227.6	229.5	229.5	233.9	-	181.2	183.0	184.0	188.2	-
Groceries and related products .....	514	905.4	909.0	913.7	908.9	-	760.0	764.1	771.3	765.8	-
Groceries, general line .....	5141	280.7	279.8	279.1	277.6	-	-	-	-	-	-
Meats and meat products .....	5147	62.2	61.9	61.3	61.3	-	-	-	-	-	-
Fresh fruits and vegetables .....	5148	108.4	115.0	116.1	111.1	-	-	-	-	-	-
Farm-product raw materials .....	515	112.7	114.9	107.1	108.7	-	92.4	94.2	86.8	88.5	-
Chemicals and allied products .....	516	146.8	146.2	144.7	143.8	-	110.9	109.8	106.9	107.8	-
Petroleum and petroleum products .....	517	161.2	160.8	163.0	163.5	-	133.4	132.9	134.8	135.2	-
Petroleum bulk stations and terminals .....	5171	65.8	65.8	65.8	65.9	-	-	-	-	-	-
Petroleum products, nec .....	5172	95.4	95.0	97.2	97.6	-	-	-	-	-	-
Beer, wine, and distilled beverages .....	518	155.7	153.6	158.0	157.7	-	127.1	125.0	128.2	128.0	-
Beer and ale .....	5181	101.5	100.0	103.9	103.7	-	-	-	-	-	-
Wine and distilled beverages .....	5182	54.2	53.6	54.1	54.0	-	-	-	-	-	-
Misc. wholesale trade nondurable goods .....	519	536.6	533.7	553.5	554.4	-	434.5	431.5	447.6	449.2	-
Farm supplies .....	5191	162.7	162.5	172.7	171.1	-	-	-	-	-	-
<b>Retail trade .....</b>		<b>21,388</b>	<b>21,336</b>	<b>21,795</b>	<b>21,859</b>	<b>21,800</b>	<b>18,832</b>	<b>18,764</b>	<b>19,171</b>	<b>19,223</b>	<b>19,151</b>
Building materials and garden supplies .....	52	890.8	878.1	954.7	946.9	935.3	745.9	733.0	799.3	791.4	-
Lumber and other building materials .....	521	527.2	518.9	567.2	564.4	-	450.0	441.5	483.1	480.4	-
Paint, glass, and wallpaper stores .....	523	68.6	67.7	70.7	71.3	-	53.4	52.8	54.9	55.5	-
Hardware stores .....	525	164.5	163.8	168.2	167.1	-	135.3	134.5	138.5	137.4	-
Retail nurseries and garden stores .....	526	93.1	90.5	107.9	102.8	-	76.4	73.9	90.1	84.9	-
General merchandise stores .....	53	2,638.9	2,662.6	2,675.0	2,699.0	2,716.0	2,456.0	2,478.0	2,489.3	2,511.7	-
Department stores .....	531	2,314.9	2,338.5	2,363.4	2,387.6	2,404.8	2,174.3	2,196.6	2,221.2	2,243.9	-
Variety stores .....	533	133.3	134.0	126.7	125.2	-	116.7	117.7	108.8	107.4	-
Miscellaneous general merchandise stores .....	539	190.7	190.1	184.9	186.2	-	165.0	163.7	159.3	160.4	-
Food stores .....	54	3,390.6	3,371.3	3,456.3	3,459.3	3,447.1	3,086.6	3,065.4	3,133.0	3,132.7	-
Grocery stores .....	541	3,009.7	2,989.9	3,040.5	3,039.1	-	2,759.8	2,740.3	2,777.6	2,773.3	-
Meat and fish markets .....	542	46.2	46.3	49.3	48.4	-	-	-	-	-	-
Dairy products stores .....	545	14.4	13.8	11.0	11.4	-	-	-	-	-	-
Retail bakeries .....	546	184.5	187.7	197.0	199.2	-	162.7	164.2	172.2	174.5	-
Automotive dealers and service stations .....	55	2,220.8	2,213.8	2,312.6	2,316.4	2,312.2	1,853.9	1,845.9	1,935.0	1,937.0	-
New and used car dealers .....	551	1,000.9	1,003.8	1,038.5	1,041.1	1,043.3	836.6	839.0	869.1	871.2	-

See footnotes at end of table.



**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>
<b>Retail trade—Continued</b>											
<b>Automotive dealers and service stations—Continued</b>											
Auto and home supply stores .....	553	381.6	379.6	402.8	405.7	-	304.6	303.0	323.3	324.7	-
Gasoline service stations .....	554	658.2	653.4	678.6	679.8	-	568.2	562.9	588.1	589.1	-
Automotive dealers, nec .....	559	8.8	8.8	9.4	9.4	-	7.3	7.2	7.6	7.8	-
Apparel and accessory stores .....	56	1,127.0	1,097.5	1,093.7	1,099.6	1,080.4	919.9	891.6	899.7	907.5	-
Men's and boys' clothing stores .....	561	82.1	81.0	79.8	78.7	-	66.0	64.6	63.6	63.0	-
Women's clothing stores .....	562	332.7	328.1	324.2	323.0	-	268.0	263.9	267.2	266.8	-
Family clothing stores .....	565	321.7	309.7	301.9	302.8	-	275.8	264.3	261.6	262.9	-
Shoe stores .....	566	206.3	201.1	203.4	209.6	-	161.6	156.9	157.9	164.3	-
Furniture and home furnishings stores .....	57	936.5	940.5	970.8	977.7	982.6	755.4	760.1	788.7	793.8	-
Furniture and home furnishings stores .....	571	487.9	486.6	516.3	520.3	-	394.0	392.9	417.5	420.0	-
Furniture stores .....	5712	290.4	290.5	307.8	310.4	-	-	-	-	-	-
Household appliance stores .....	572	77.1	76.9	73.1	72.2	-	62.7	62.4	58.9	58.4	-
Radio, television, and computer stores .....	573	371.5	377.0	381.4	385.2	-	298.7	304.8	312.3	315.4	-
Radio, television, and electronic stores .....	5731	163.8	166.6	171.7	173.7	-	135.1	137.5	142.4	144.1	-
Record and prerecorded tape stores .....	5735	79.9	80.1	73.8	75.1	-	59.0	60.1	57.1	58.5	-
Eating and drinking places .....	58	7,569.4	7,531.2	7,692.8	7,700.7	7,650.2	6,843.4	6,792.8	6,938.2	6,942.2	-
Miscellaneous retail establishments .....	59	2,613.6	2,641.2	2,639.3	2,659.3	2,675.9	2,171.0	2,197.6	2,188.1	2,206.7	-
Drug stores and proprietary stores .....	591	602.1	602.0	606.1	607.9	-	500.4	500.5	500.5	502.3	-
Liquor stores .....	592	111.0	111.1	113.5	114.1	-	-	-	-	-	-
Used merchandise stores .....	593	100.3	102.4	108.2	108.5	-	84.3	86.1	90.2	90.4	-
Miscellaneous shopping goods stores .....	594	909.9	926.4	914.0	926.2	-	754.6	771.2	758.7	771.6	-
Sporting goods and bicycle shops .....	5941	180.9	180.9	178.4	180.4	-	-	-	-	-	-
Book stores .....	5942	112.9	125.7	109.9	117.5	-	-	-	-	-	-
Stationery stores .....	5943	80.1	79.5	84.8	85.5	-	-	-	-	-	-
Jewelry stores .....	5944	130.3	132.1	128.0	129.8	-	-	-	-	-	-
Gift, novelty, and souvenir shops .....	5947	217.9	214.1	219.5	217.8	-	-	-	-	-	-
Sewing, needlework, and piece goods .....	5949	52.1	54.0	53.7	51.9	-	-	-	-	-	-
Nonstore retailers .....	596	320.6	329.4	312.2	319.8	-	271.5	280.2	263.0	269.4	-
Catalog and mail-order houses .....	5961	194.2	202.0	189.6	196.9	-	-	-	-	-	-
Merchandising machine operators .....	5962	70.2	70.3	67.8	68.1	-	-	-	-	-	-
Fuel dealers .....	598	97.4	97.7	98.3	98.4	-	79.7	79.9	81.2	81.1	-
Retail stores, nec .....	599	472.3	472.2	487.0	484.4	-	389.4	389.2	401.7	398.6	-
Florists, tobacco stores, and newsstands .....	5992,3,4	138.1	139.1	144.1	142.9	-	-	-	-	-	-
Optical goods stores .....	5995	65.6	65.8	66.7	67.9	-	53.5	53.9	54.6	55.7	-
Miscellaneous retail stores, nec .....	5999	268.6	267.3	276.2	273.6	-	217.3	216.1	224.1	221.1	-
<b>Finance, insurance, and real estate<sup>3</sup></b> .....		<b>6,906</b>	<b>6,850</b>	<b>7,075</b>	<b>7,078</b>	<b>7,017</b>	<b>5,055</b>	<b>4,998</b>	<b>5,185</b>	<b>5,183</b>	<b>5,120</b>
<b>Finance</b> .....		<b>3,252</b>	<b>3,233</b>	<b>3,354</b>	<b>3,361</b>	<b>3,338</b>	-	-	-	-	-
Depository institutions .....	60	2,032.6	2,016.1	2,046.2	2,046.3	2,029.8	1,465.3	1,450.5	1,477.1	1,477.8	-
Commercial banks .....	602	1,474.9	1,461.6	1,484.9	1,484.8	1,472.4	1,049.1	1,037.3	1,057.8	1,058.3	-
State commercial banks .....	6022	593.6	587.4	605.2	605.1	-	428.2	422.1	434.8	434.7	-
National and commercial banks, nec .....	6021,9	881.3	874.2	879.7	879.7	-	620.9	615.2	623.0	623.6	-
Savings institutions .....	603	272.4	269.7	266.8	265.4	261.6	-	-	-	-	-
Federal savings institutions .....	6035	147.4	145.9	145.9	145.7	-	-	-	-	-	-
Savings institutions, except federal .....	6036	125.0	123.8	120.9	119.7	-	-	-	-	-	-
Credit unions .....	606	157.2	157.3	163.5	163.9	-	125.3	125.2	130.0	130.5	-
Nondepository institutions .....	61	466.1	465.0	515.6	519.7	519.6	339.0	337.9	372.4	374.4	-
Personal credit institutions .....	614	143.4	143.5	155.4	157.0	-	105.4	105.2	111.0	111.2	-
Business credit institutions .....	615	93.4	93.8	103.7	104.6	-	-	-	-	-	-
Mortgage bankers and brokers .....	616	207.3	205.6	232.5	234.6	234.4	-	-	-	-	-
Security and commodity brokers .....	62	525.6	524.0	547.9	551.0	545.6	-	-	-	-	-
Security brokers and dealers .....	621	400.8	400.1	418.1	420.3	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges .....	622,3	24.2	23.9	25.1	25.1	-	-	-	-	-	-
Security and commodity services .....	628	100.6	100.0	104.7	105.6	-	66.6	65.3	69.4	69.8	-
Holding and other investment offices .....	67	227.5	228.2	244.0	243.8	243.3	-	-	-	-	-
Holding offices .....	671	105.1	104.8	112.7	112.6	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>
<b>Finance, insurance, and real estate—Continued</b>											
Insurance .....	63,64	2,248	2,240	2,273	2,267	2,261	-	-	-	-	-
Insurance carriers .....	63	1,547.6	1,541.7	1,560.8	1,556.8	1,551.5	1,107.8	1,103.0	1,114.9	1,111.6	-
Life insurance .....	631	576.7	573.5	556.3	552.7	-	387.6	385.0	367.2	365.1	-
Medical service and health insurance .....	632	308.3	309.3	329.8	330.1	-	253.9	255.1	271.0	270.6	-
Hospital and medical service plans .....	6324	247.4	248.5	268.0	268.5	-	206.8	208.0	223.1	222.8	-
Fire, marine, and casualty insurance .....	633	534.3	530.7	536.0	535.5	-	362.3	359.1	364.8	364.4	-
Title insurance .....	636	65.4	65.5	72.0	71.7	-	-	-	-	-	-
Insurance agents, brokers, and service .....	64	700.0	698.2	711.7	709.8	709.0	-	-	-	-	-
Real estate .....	65	1,406	1,377	1,448	1,450	1,418	-	-	-	-	-
Real estate operators and lessors .....	651	590.8	578.1	605.7	606.7	-	-	-	-	-	-
Real estate agents and managers .....	653	665.5	652.5	686.9	688.4	-	-	-	-	-	-
Subdividers and developers .....	655	120.2	116.3	123.0	122.9	-	-	-	-	-	-
<b>Services .....</b>		<b>33,517</b>	<b>33,523</b>	<b>34,791</b>	<b>34,827</b>	<b>34,727</b>	<b>29,342</b>	<b>29,338</b>	<b>30,447</b>	<b>30,475</b>	<b>30,340</b>
Agricultural services .....	07	633.1	612.6	686.1	677.1	650.0	536.6	516.3	585.0	575.2	-
Veterinary services .....	074	168.5	165.7	175.2	176.1	-	141.6	138.7	147.0	147.7	-
Landscape and horticultural services .....	078	416.1	399.6	461.1	451.8	-	355.2	339.0	397.1	387.1	-
Hotels and other lodging places .....	70	1,791.2	1,704.7	1,828.2	1,828.1	1,731.9	-	-	-	-	-
Hotels and motels .....	701	1,710.1	1,650.7	1,731.3	1,730.1	-	1,511.7	1,452.1	1,531.2	1,530.0	-
Personal services .....	72	1,125.1	1,134.4	1,133.9	1,135.6	1,149.3	-	-	-	-	-
Laundry, cleaning, and garment services .....	721	435.3	434.5	439.5	437.9	-	384.9	383.2	387.5	386.2	-
Photographic studios, portrait .....	722	74.7	78.9	74.4	75.8	-	-	-	-	-	-
Beauty shops .....	723	388.6	388.6	393.1	394.8	-	347.8	348.4	349.6	351.7	-
Funeral service and crematories .....	726	92.4	92.1	95.0	95.6	-	-	-	-	-	-
Miscellaneous personal services .....	729	117.3	123.3	115.4	115.0	-	97.4	102.8	95.2	95.1	-
Business services .....	73	6,909.3	6,980.8	7,244.1	7,349.2	7,382.2	6,162.6	6,230.6	6,447.1	6,544.5	-
Advertising .....	731	238.9	239.5	257.1	257.1	-	175.0	174.7	188.7	188.3	-
Advertising agencies .....	7311	161.3	161.7	174.6	174.3	-	-	-	-	-	-
Credit reporting and collection .....	732	120.9	120.4	123.4	122.4	-	-	-	-	-	-
Mailing, reproduction, and stenographic services .....	733	278.1	281.7	306.1	309.0	-	-	-	-	-	-
Photocopying and duplicating services .....	7334	70.2	70.0	76.3	76.8	-	57.8	58.0	63.6	64.1	-
Services to buildings .....	734	894.7	891.7	898.6	901.3	891.6	802.4	800.4	807.0	808.0	-
Disinfecting and pest control services .....	7342	85.2	84.0	88.0	87.1	-	68.5	67.3	70.5	69.4	-
Building maintenance services, nec .....	7349	809.5	807.7	810.6	814.2	-	733.9	733.1	736.5	738.6	-
Miscellaneous equipment rental and leasing .....	735	230.8	231.6	237.6	236.7	-	187.1	188.0	192.8	192.1	-
Medical equipment rental .....	7352	38.0	38.1	39.9	39.7	-	30.5	30.6	31.6	31.6	-
Heavy construction equipment rental .....	7353	41.6	42.6	44.8	44.9	-	35.6	36.6	38.3	38.2	-
Equipment rental and leasing, nec .....	7359	151.2	150.9	152.9	152.1	-	121.0	120.8	122.9	122.3	-
Personnel supply services .....	736	2,541.4	2,600.6	2,672.2	2,753.3	2,802.4	-	-	-	-	-
Employment agencies .....	7361	291.1	299.1	300.3	309.7	-	-	-	-	-	-
Help supply services .....	7363	2,250.3	2,301.5	2,371.9	2,443.6	2,486.1	2,188.6	2,241.3	2,306.9	2,378.3	-
Computer and data processing services .....	737	1,097.3	1,103.8	1,205.2	1,218.7	1,224.7	884.4	888.7	958.8	969.5	-
Computer programming services .....	7371	249.4	250.6	273.3	276.7	-	210.4	211.0	227.4	230.0	-
Prepackaged software .....	7372	187.0	189.3	207.6	211.2	-	-	-	-	-	-
Computer integrated systems design .....	7373	130.4	130.8	140.0	142.1	-	97.7	98.3	100.3	101.4	-
Data processing and preparation .....	7374	226.1	226.7	240.7	243.6	-	-	-	-	-	-
Information retrieval services .....	7375	56.5	57.2	67.1	67.8	-	43.1	43.7	50.1	50.8	-
Computer maintenance and repair .....	7378	48.3	48.7	52.4	51.9	-	39.9	40.1	39.0	38.1	-
Miscellaneous business services .....	738	1,507.2	1,511.5	1,543.9	1,550.7	-	1,322.2	1,323.3	1,352.8	1,357.4	-
Detective and armored car services .....	7381	539.7	546.0	554.0	555.5	-	502.1	507.6	515.6	516.6	-
Security systems services .....	7382	48.7	48.8	49.1	49.8	-	40.9	41.2	41.7	42.2	-
Photofinishing laboratories .....	7384	73.0	75.1	72.0	72.8	-	-	-	-	-	-
Auto repair, services, and parking .....	75	1,032.0	1,028.4	1,105.7	1,110.0	1,109.6	851.3	848.0	911.2	913.7	-
Automotive rentals, without drivers .....	751	186.8	187.3	205.3	206.4	-	153.7	153.9	169.6	170.7	-
Passenger car rental .....	7514	117.6	118.3	131.6	133.1	-	98.3	98.9	110.6	112.0	-
Automobile parking .....	752	65.1	64.4	64.5	65.0	-	57.8	57.2	57.1	57.6	-
Automotive repair shops .....	753	574.5	570.9	621.9	623.4	-	464.4	460.8	502.2	502.5	-
Automotive and tire repair shops .....	7532,4	201.5	201.0	220.4	220.5	-	166.3	165.6	181.9	181.5	-
General automotive repair shops .....	7538	237.2	235.7	254.6	255.6	-	189.9	188.4	204.8	204.9	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>
<b>Services—Continued</b>											
Auto repair, services, and parking—Continued											
Automotive services, except repair .....	754	205.6	205.8	214.0	215.2	-	175.4	176.1	182.3	182.9	-
Carwashes .....	7542	112.9	113.9	118.7	117.9	-	98.6	99.9	103.8	102.6	-
Miscellaneous repair services .....	76	360.5	358.6	369.5	369.4	368.3	294.3	292.7	302.4	302.0	-
Electrical repair shops .....	762	110.9	109.6	115.6	115.1	-	-	-	-	-	-
Motion pictures .....	78	500.5	490.7	538.0	540.4	527.7	417.9	407.1	452.3	453.3	-
Motion picture production and services .....	781	205.0	210.8	232.9	239.5	-	172.1	176.6	196.6	200.9	-
Motion picture theaters .....	783	127.5	115.1	131.4	125.2	-	-	-	-	-	-
Video tape rental .....	784	146.7	143.7	152.2	154.2	-	119.7	116.6	123.0	126.0	-
Amusement and recreation services .....	79	1,684.4	1,537.3	1,775.5	1,764.9	1,595.6	1,498.6	1,356.8	1,573.1	1,566.4	-
Bowling centers .....	793	72.6	86.6	69.0	72.2	-	63.7	77.3	60.9	63.6	-
Misc. amusement and recreation services .....	799	1,294.5	1,142.8	1,364.4	1,352.0	-	1,155.4	1,007.9	1,215.7	1,207.9	-
Physical fitness facilities .....	7991	151.6	152.4	166.4	167.2	-	134.8	135.5	147.8	148.9	-
Membership sports and recreation clubs .....	7997	400.4	347.0	449.6	437.8	-	355.9	305.3	401.9	390.6	-
Health services .....	80	9,316.9	9,318.0	9,609.7	9,615.7	9,610.3	8,254.2	8,253.5	8,517.3	8,521.0	-
Offices and clinics of medical doctors .....	801	1,618.5	1,619.0	1,683.4	1,688.6	1,685.3	1,321.4	1,321.8	1,379.8	1,383.3	-
Offices and clinics of dentists .....	802	602.9	601.7	624.9	631.0	-	526.0	525.6	548.5	553.0	-
Offices and clinics of other health practitioners .....	804	410.0	414.4	447.4	446.8	-	338.8	342.5	370.9	370.3	-
Offices and clinics of chiropractors and optometrists .....	8041,2	161.4	161.6	173.7	172.7	-	-	-	-	-	-
Nursing and personal care facilities .....	805	1,705.1	1,707.0	1,752.7	1,756.4	1,752.6	1,538.3	1,538.8	1,578.8	1,581.1	-
Skilled nursing care facilities .....	8051	1,259.8	1,261.9	1,295.2	1,298.7	-	-	-	-	-	-
Intermediate care facilities .....	8052	214.8	214.5	221.1	221.0	-	193.4	192.9	199.6	199.3	-
Nursing and personal care, nec .....	8059	230.5	230.6	236.4	236.7	-	-	-	-	-	-
Hospitals .....	806	3,796.2	3,790.5	3,865.8	3,858.3	3,857.9	3,472.6	3,467.0	3,537.9	3,533.5	-
General medical and surgical hospitals .....	8062	3,497.6	3,493.1	3,564.4	3,558.5	-	-	-	-	-	-
Psychiatric hospitals .....	8063	90.4	89.6	89.6	88.2	-	-	-	-	-	-
Specialty hospitals, excluding psychiatric .....	8069	208.2	207.8	211.8	211.6	-	-	-	-	-	-
Medical and dental laboratories .....	807	196.2	195.2	211.6	213.2	-	-	-	-	-	-
Home health care services .....	808	635.9	639.3	657.0	655.2	658.6	588.8	591.3	607.4	605.6	-
Legal services .....	81	929.3	917.5	946.5	940.3	925.5	743.2	732.0	758.2	752.0	-
Educational services .....	82	1,694.3	1,927.5	1,755.6	1,728.5	1,961.9	-	-	-	-	-
Elementary and secondary schools .....	821	519.4	567.2	535.8	525.5	-	-	-	-	-	-
Colleges and universities .....	822	935.5	1,128.7	965.3	949.5	-	-	-	-	-	-
Vocational schools .....	824	76.6	78.4	81.3	82.2	-	-	-	-	-	-
Social services .....	83	2,305.2	2,348.5	2,381.8	2,368.6	2,390.9	1,998.8	2,036.1	2,074.0	2,061.2	-
Individual and family services .....	832	631.2	626.8	648.2	644.3	-	547.3	543.5	563.4	559.6	-
Job training and related services .....	833	307.6	298.1	339.2	318.7	-	262.3	252.9	294.9	275.3	-
Child day care services .....	835	516.5	576.2	515.2	522.6	563.5	453.4	508.0	453.0	460.1	-
Residential care .....	836	647.8	642.5	674.8	677.3	669.3	563.1	557.0	585.6	588.0	-
Social services, nec .....	839	202.1	204.9	204.4	205.7	-	172.7	174.7	177.1	178.2	-
Museums and botanical and zoological gardens .....	84	87.3	82.3	93.3	91.6	86.5	-	-	-	-	-
Membership organizations .....	86	2,175.3	2,114.7	2,211.0	2,184.0	2,127.4	-	-	-	-	-
Business associations .....	861	108.2	107.5	107.5	107.9	-	-	-	-	-	-
Professional organizations .....	862	56.6	56.7	58.0	58.3	-	40.3	40.5	41.5	41.5	-
Labor organizations .....	863	137.2	138.1	130.0	132.6	-	-	-	-	-	-
Civic and social associations .....	864	462.0	409.4	504.4	472.8	-	-	-	-	-	-
Engineering and management services .....	87	2,780.5	2,775.4	2,918.5	2,929.1	2,915.2	2,138.8	2,127.7	2,242.2	2,250.3	-
Engineering and architectural services .....	871	829.4	822.0	858.6	862.2	857.1	686.3	678.4	708.6	711.3	-
Engineering services .....	8711	644.4	639.9	660.9	664.3	-	539.1	534.0	550.2	553.5	-
Architectural services .....	8712	130.7	128.6	139.3	139.6	-	102.0	99.9	109.8	109.4	-
Surveying services .....	8713	54.3	53.5	58.4	58.3	-	45.2	44.5	48.6	48.4	-
Accounting, auditing, and bookkeeping .....	872	538.8	539.5	562.0	564.8	-	388.9	386.8	399.3	401.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>
<b>Services—Continued</b>											
<b>Engineering and management services—Continued</b>											
Research and testing services .....	873	573.2	561.7	584.6	581.2	-	443.1	433.0	452.1	449.2	-
Commercial physical research .....	8731	222.6	220.3	220.6	219.8	-	162.5	160.4	157.9	157.4	-
Commercial nonphysical research .....	8732	119.2	116.2	127.7	126.2	-	97.1	94.1	105.5	104.0	-
Noncommercial research organizations .....	8733	138.8	132.7	139.5	138.3	-	108.6	103.5	109.4	108.4	-
Management and public relations .....	874	839.1	852.2	913.3	920.9	922.8	620.5	629.5	682.2	688.3	-
Management services .....	8741	293.2	299.3	322.9	325.6	-	207.7	212.4	234.6	236.8	-
Management consulting services .....	8742	289.6	294.1	316.3	319.2	-	218.6	220.9	238.1	241.5	-
Public relations services .....	8743	35.2	34.4	36.3	37.0	-	23.1	22.5	23.4	24.1	-
Services, nec .....	89	44.7	44.7	46.5	47.5	47.8	35.4	35.4	37.2	38.0	-
<b>Government .....</b>		<b>18,124</b>	<b>19,104</b>	<b>18,391</b>	<b>18,278</b>	<b>19,244</b>	-	-	-	-	-
<b>Federal Government<sup>4</sup> .....</b>		<b>2,839</b>	<b>2,812</b>	<b>2,776</b>	<b>2,761</b>	<b>2,736</b>	-	-	-	-	-
Executive, by agency <sup>4</sup> .....		<b>2,776.9</b>	<b>2,749.8</b>	<b>2,714.1</b>	-	-	-	-	-	-	-
Department of Defense .....		781.0	770.4	751.6	-	-	-	-	-	-	-
Postal Service <sup>5</sup> .....		841.0	841.5	850.1	-	-	-	-	-	-	-
Other executive agencies .....		1,154.9	1,137.9	1,112.4	-	-	-	-	-	-	-
Legislative .....		33.8	33.3	32.8	-	-	-	-	-	-	-
Judicial .....		28.5	28.7	28.9	-	-	-	-	-	-	-
Federal Government, except Postal Service .....		1,998.2	1,970.3	1,925.7	1,914.0	1,891.2	-	-	-	-	-
Federal Government, by industry:											
Manufacturing activities .....		65.0	61.7	54.9	52.5	-	-	-	-	-	-
Ship building and repairing .....	3731	33.3	30.1	24.6	24.4	-	-	-	-	-	-
Transportation and public utilities, except Postal Service .....		20.5	20.4	19.9	19.9	-	-	-	-	-	-
Services .....		388.9	386.0	373.5	374.6	-	-	-	-	-	-
Hospitals .....	806	236.0	234.0	227.4	225.8	-	-	-	-	-	-
State government .....		4,380	4,591	4,406	4,395	4,591	-	-	-	-	-
Hospitals .....	806	394.7	393.1	381.7	379.3	-	-	-	-	-	-
Education .....	82	1,639.3	1,881.8	1,674.9	1,680.3	1,908.6	-	-	-	-	-
General administration, including executive, legislative, and judicial functions .....		1,834.8	1,819.0	1,851.3	1,835.6	-	-	-	-	-	-
State government, except education .....		2,741.0	2,709.0	2,731.1	2,714.3	2,682.6	-	-	-	-	-
Local government .....		10,905	11,701	11,209	11,122	11,917	-	-	-	-	-
Transportation and public utilities .....		459.7	455.1	456.1	454.3	-	-	-	-	-	-
Hospitals .....	806	682.1	680.0	693.7	694.5	-	-	-	-	-	-
Education .....	82	5,443.7	6,457.3	5,606.5	5,590.0	6,604.0	-	-	-	-	-
General administration, including executive, legislative, and judicial functions .....		3,848.6	3,668.3	3,929.2	3,884.3	-	-	-	-	-	-
Local government, except education .....		5,461.0	5,243.9	5,602.2	5,531.5	5,313.0	-	-	-	-	-

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

<sup>2</sup> Data relate to line-haul railroads with operating revenues of \$253.7 million or more in 1993 and to Amtrak.

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

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

the National Security Agency.

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

- Data not available.

<sup>p</sup> = preliminary.

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

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	June 1995	July 1995	May 1996	June 1996	July 1996
<b>Total</b> .....	56,859	55,792	57,986	58,056	57,109
<b>Total private</b> .....	46,269	46,085	46,966	47,331	47,264
<b>Goods-producing</b> .....	6,693	6,614	6,546	6,593	6,543
<b>Mining</b> .....	83	82	78	80	80
<b>Construction</b> .....	580	587	600	614	623
<b>Manufacturing</b> .....	6,030	5,945	5,868	5,899	5,840
<b>Durable goods</b> .....	2,822	2,780	2,814	2,829	2,794
Lumber and wood products .....	129	129	130	133	132
Furniture and fixtures .....	158	153	156	157	153
Stone, clay, and glass products .....	105	103	102	102	100
Primary metal industries .....	101	100	101	102	99
Fabricated metal products .....	318	312	318	321	316
Industrial machinery and equipment .....	446	441	451	454	452
Electronic and other electrical equipment .....	680	674	684	685	680
Transportation equipment .....	365	355	357	359	354
Instruments and related products .....	345	344	343	344	340
Miscellaneous manufacturing .....	175	170	172	173	168
<b>Nondurable goods</b> .....	3,208	3,165	3,054	3,070	3,046
Food and kindred products .....	553	568	526	533	551
Tobacco products .....	11	11	11	11	11
Textile mill products .....	317	310	300	300	294
Apparel and other textile products .....	715	682	641	638	615
Paper and allied products .....	168	168	162	165	164
Printing and publishing .....	695	691	687	689	688
Chemicals and allied products .....	331	330	322	325	324
Petroleum and coal products .....	25	25	24	24	24
Rubber and misc. plastics products .....	335	326	329	331	325
Leather and leather products .....	59	55	53	54	50
<b>Service-producing</b> .....	50,166	49,178	51,440	51,463	50,566
<b>Transportation and public utilities</b> .....	1,826	1,805	1,906	1,915	1,891
<b>Wholesale trade</b> .....	1,977	1,976	2,021	2,036	2,037
<b>Retail trade</b> .....	11,236	11,186	11,282	11,433	11,434
<b>Finance, insurance, and real estate</b> .....	4,332	4,342	4,389	4,424	4,443
<b>Services</b> .....	20,205	20,162	20,822	20,930	20,916
<b>Government</b> .....	10,590	9,707	11,020	10,725	9,845
Federal .....	1,199	1,198	1,168	1,173	1,171
State .....	2,265	2,207	2,378	2,270	2,209
Local .....	7,126	6,302	7,474	7,282	6,465

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

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

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Alabama</b> .....	1,798.8	1,810.9	1,808.3	11.0	11.2	11.2	89.1	89.3	90.1
Birmingham .....	440.5	446.3	443.4	3.4	3.5	3.4	23.3	23.4	23.6
Huntsville .....	164.4	163.5	164.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.8	5.5	5.5
Mobile .....	210.0	219.0	219.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.1	16.3	16.4
Montgomery .....	151.3	153.3	153.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.2	8.5	8.7
Tuscaloosa .....	73.1	73.0	73.5	2.6	2.6	2.6	4.8	4.8	4.7
<b>Alaska</b> .....	282.7	283.6	282.9	10.4	10.2	10.1	16.8	16.2	17.1
Anchorage .....	124.5	124.2	124.9	2.7	2.6	2.6	8.3	7.7	8.0
<b>Arizona</b> .....	1,753.8	1,819.5	1,836.8	12.4	12.6	12.6	119.3	124.5	126.5
Phoenix-Mesa .....	1,195.5	1,254.7	1,265.1	5.2	5.2	5.1	83.8	88.6	90.5
Tucson .....	294.1	298.0	302.5	2.3	2.4	2.4	19.8	20.5	20.5
<b>Arkansas</b> .....	1,069.4	1,078.1	1,086.5	3.5	3.5	3.4	46.3	49.0	49.4
Fayetteville-Springdale-Rogers .....	131.0	133.1	134.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.7	6.0	5.9
Fort Smith .....	92.9	92.5	92.4	.8	.8	.8	3.5	3.6	3.6
Little Rock-North Little Rock .....	292.2	295.6	297.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.0	14.5	14.6
Pine Bluff .....	34.8	34.7	35.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	.7	.8	.8
<b>California</b> .....	12,444.8	12,719.8	12,747.3	30.1	28.8	28.6	517.4	529.9	542.3
Bakersfield .....	170.2	171.9	170.4	10.8	10.6	10.6	8.8	8.6	8.6
Fresno .....	270.7	269.1	269.4	.6	.5	.5	14.3	14.1	14.1
Los Angeles-Long Beach .....	3,740.4	3,827.7	3,821.4	5.9	5.9	5.9	115.0	123.7	125.1
Modesto .....	134.3	132.2	135.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	6.2	6.6	6.5
Oakland .....	893.5	909.3	910.4	2.4	2.3	2.4	45.5	47.3	47.8
Orange County .....	1,143.2	1,171.6	1,170.8	.9	1.0	1.0	51.8	52.7	53.2
Riverside-San Bernardino .....	763.1	788.3	786.3	1.3	1.1	1.1	45.4	47.1	48.3
Sacramento .....	591.9	605.4	608.3	.3	.3	.3	29.4	31.1	31.6
Salinas .....	110.5	114.0	113.6	.1	.1	.1	4.0	4.1	4.3
San Diego .....	976.7	985.4	987.2	.3	.3	.3	45.1	44.8	45.2
San Francisco .....	914.5	924.1	920.4	.6	.6	.6	28.9	29.8	30.3
San Jose .....	838.8	866.8	871.8	.1	.1	.1	29.9	31.4	32.5
Santa Barbara-Santa Maria-Lompoc .....	142.4	146.3	145.6	1.3	1.1	1.1	5.4	5.6	5.7
Santa Rosa .....	149.7	150.8	152.1	.5	.4	.4	8.1	8.7	8.8
Stockton-Lodi .....	166.3	165.5	169.5	.1	.1	.1	7.1	7.4	7.5
Vallejo-Fairfield-Napa .....	143.0	144.4	144.1	.4	.4	.4	9.0	9.3	9.5
Ventura .....	237.9	242.4	240.3	2.0	1.7	1.7	11.7	11.8	11.9
<b>Colorado</b> .....	1,851.3	1,891.3	1,892.3	15.4	14.0	14.0	109.0	118.1	119.2
Boulder-Longmont .....	145.1	150.0	149.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.2	6.9	7.0
Colorado Springs .....	199.7	207.5	207.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.2	13.4	13.3
Denver .....	989.8	1,007.1	1,010.4	7.6	7.3	7.2	55.7	59.8	60.5
<b>Connecticut</b> .....	1,555.5	1,574.2	1,572.9	.8	.8	.8	55.6	58.8	59.2
Bridgeport .....	178.8	178.9	178.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	5.9	6.4	6.4
Danbury .....	82.7	81.0	81.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.0	3.0
Hartford .....	576.2	578.1	575.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.8	22.4	22.2
New Haven-Meriden .....	241.1	242.3	243.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.6	9.6	9.9
New London-Norwich .....	133.9	135.9	135.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.9	4.8	4.8
Stamford-Norwalk .....	190.9	196.9	196.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.4	5.6	5.6
Waterbury .....	82.5	85.7	85.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.9	3.0	3.1
<b>Delaware</b> .....	371.3	379.6	377.8	.1	.1	.1	19.7	21.3	21.5
Dover .....	51.0	53.3	53.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.6	2.5	2.5
Wilmington-Newark .....	282.0	288.0	286.3	.2	.2	.2	14.8	15.5	15.7
<b>District of Columbia</b> .....	637.9	640.9	624.5	.1	.1	.1	9.4	9.2	9.4
Washington PMSA .....	2,399.1	2,434.1	2,410.9	.8	.9	.9	118.3	117.9	118.2
<b>Florida</b> .....	5,910.3	6,080.9	6,076.7	6.9	7.2	7.2	305.0	310.0	310.9
Daytona Beach .....	142.9	145.9	145.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	7.5	7.0	7.0
Fort Lauderdale .....	575.5	597.5	598.1	.2	.2	.2	32.9	33.2	33.6
Fort Myers-Cape Coral .....	141.6	147.0	146.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	11.0	11.3	11.5
Gainesville .....	104.2	106.6	107.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.0	3.9	3.8
Jacksonville .....	479.3	487.5	489.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	25.0	26.0	26.4
Lakeland-Winter Haven .....	158.1	159.8	159.3	3.6	3.8	3.8	8.1	7.7	7.5
Melbourne-Titusville-Palm Bay .....	167.1	168.5	169.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	8.5	8.8	8.8
Miami .....	920.2	937.1	935.2	.3	.3	.3	36.6	37.2	36.7
Orlando .....	704.1	724.6	726.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	36.9	37.5	37.5
Pensacola .....	143.5	147.2	147.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	9.3	9.8	9.8
Sarasota-Bradenton .....	203.1	212.8	213.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	10.0	10.7	11.0
Tallahassee .....	140.9	146.0	145.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	5.4	5.7	5.6
Tampa-St. Petersburg-Clearwater .....	983.6	1,010.0	1,011.3	.4	.5	.4	44.6	45.7	44.9
West Palm Beach-Boca Raton .....	386.1	395.7	395.5	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	23.4	24.3	24.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Alabama</b> .....	390.0	375.3	378.2	89.6	89.2	88.8	413.0	424.1	423.4
Birmingham .....	53.3	52.0	50.6	30.0	29.1	28.8	108.8	110.7	111.0
Huntsville .....	37.5	36.4	38.0	3.5	3.5	3.5	32.6	33.9	33.5
Mobile .....	26.9	26.7	26.9	13.1	13.6	13.6	56.9	59.9	59.7
Montgomery .....	18.3	17.8	17.6	6.5	6.7	6.6	35.3	36.1	36.2
Tuscaloosa .....	10.8	10.5	10.6	2.4	2.3	2.3	17.1	17.1	17.0
<b>Alaska</b> .....	24.2	25.5	22.8	24.8	24.7	24.7	58.5	59.3	59.3
Anchorage .....	2.4	2.3	2.3	12.2	12.0	12.1	30.7	30.9	31.1
<b>Arizona</b> .....	193.6	199.2	199.7	86.1	88.9	89.3	445.1	458.6	460.6
Phoenix-Mesa .....	149.4	155.8	156.3	60.3	62.7	63.0	306.0	319.7	322.0
Tucson .....	27.4	27.6	27.7	13.4	13.2	13.3	67.6	69.2	69.0
<b>Arkansas</b> .....	259.9	254.2	255.7	64.2	65.7	66.1	245.3	250.9	252.2
Fayetteville-Springdale-Rogers .....	34.6	34.0	34.2	9.4	9.4	9.3	35.6	36.8	37.1
Fort Smith .....	28.0	28.1	28.0	6.1	6.1	6.0	28.0	19.1	19.1
Little Rock-North Little Rock .....	35.6	34.0	34.2	20.1	20.8	20.7	68.3	70.9	71.3
Pine Bluff .....	7.7	7.9	8.0	1.9	1.9	1.9	7.6	7.4	7.5
<b>California</b> .....	1,823.4	1,833.8	1,855.7	639.1	646.9	648.1	2,942.8	3,000.5	3,009.8
Bakersfield .....	9.6	9.4	9.4	9.3	9.5	9.4	41.3	42.6	42.5
Fresno .....	32.3	30.9	32.0	13.6	13.4	13.5	66.0	64.8	64.0
Los Angeles-Long Beach .....	631.3	632.5	633.7	206.1	206.8	206.8	849.2	868.0	869.5
Modesto .....	34.8	31.0	35.2	5.6	5.9	5.9	32.1	32.3	32.3
Oakland .....	106.5	110.0	110.2	59.8	59.7	60.2	206.7	210.4	210.8
Orange County .....	204.4	205.4	205.7	43.2	44.1	44.1	290.4	296.4	297.5
Riverside-San Bernardino .....	94.5	96.3	97.0	42.0	41.8	41.8	204.3	209.3	209.4
Sacramento .....	42.3	42.3	43.4	25.3	25.7	25.8	132.2	135.0	134.8
Salinas .....	9.4	9.7	9.9	4.8	4.9	4.9	29.5	30.3	30.2
San Diego .....	115.1	113.7	113.2	37.6	37.7	37.9	231.1	233.0	234.1
San Francisco .....	72.3	73.7	73.7	73.1	73.6	73.3	200.3	200.7	200.0
San Jose .....	235.4	245.6	248.4	24.4	24.6	24.8	168.6	174.5	175.4
Santa Barbara-Santa Maria-Lompoc .....	15.9	17.4	17.2	5.2	5.3	5.3	35.1	35.8	35.9
Santa Rosa .....	21.9	22.0	22.5	5.7	5.6	5.6	39.6	40.1	40.0
Stockton-Lodi .....	27.6	25.0	27.5	12.4	13.4	13.9	39.5	40.0	40.4
Vallejo-Fairfield-Napa .....	16.3	16.6	16.6	5.9	6.1	6.2	37.4	38.2	38.3
Ventura .....	30.2	30.9	30.5	10.6	10.8	10.5	58.2	58.8	58.9
<b>Colorado</b> .....	192.6	195.9	196.5	118.5	121.1	121.2	466.9	470.8	472.7
Boulder-Longmont .....	29.7	29.7	29.8	3.0	3.3	3.3	33.3	34.1	34.0
Colorado Springs .....	24.7	24.9	25.2	10.2	10.7	10.6	45.7	46.9	46.9
Denver .....	88.0	90.0	90.5	84.0	85.0	84.9	245.6	247.8	249.3
<b>Connecticut</b> .....	278.2	273.7	275.4	69.7	70.2	69.8	341.1	347.2	348.6
Bridgeport .....	41.5	39.5	40.3	7.2	7.3	7.2	39.5	39.9	39.9
Danbury .....	19.4	19.1	19.2	2.8	2.9	2.9	22.0	21.0	20.9
Hartford .....	88.9	87.6	88.7	23.5	23.7	23.7	122.5	120.9	121.0
New Haven-Meriden .....	39.8	39.4	39.7	16.6	16.6	16.5	50.6	51.0	51.7
New London-Norwich .....	27.9	25.9	25.6	6.2	6.3	6.3	29.0	29.7	30.0
Stamford-Norwalk .....	27.6	26.5	26.6	8.6	8.8	8.8	42.4	41.4	41.5
Waterbury .....	17.9	18.2	18.3	3.4	3.7	3.6	16.5	15.9	15.8
<b>Delaware</b> .....	62.8	59.5	57.7	15.4	16.1	16.1	85.6	88.0	87.9
Dover .....	6.5	6.5	6.6	1.5	1.7	1.7	13.4	14.0	14.0
Wilmington-Newark .....	46.0	43.1	41.5	13.2	14.2	14.1	59.2	59.7	59.7
<b>District of Columbia</b> .....	12.9	13.0	12.9	20.1	19.7	19.7	51.3	52.0	51.3
Washington PMSA .....	92.7	93.6	93.2	114.6	118.5	118.4	468.5	473.1	473.7
<b>Florida</b> .....	479.9	476.8	477.3	302.7	311.0	311.1	1,526.2	1,566.7	1,571.9
Daytona Beach .....	13.6	13.8	14.0	3.8	3.9	3.9	41.5	42.7	42.8
Fort Lauderdale .....	41.0	41.7	42.0	28.8	29.5	29.5	161.4	168.3	168.6
Fort Myers-Cape Coral .....	6.2	6.3	6.3	6.5	6.5	6.4	39.2	41.7	41.4
Gainesville .....	5.6	5.4	5.3	2.1	2.3	2.3	23.1	23.6	23.7
Jacksonville .....	35.5	35.3	35.7	33.7	34.5	34.4	118.2	119.6	120.8
Lakeland-Winter Haven .....	20.2	20.1	20.1	8.4	8.4	8.3	44.4	44.5	44.7
Melbourne-Titusville-Palm Bay .....	26.7	26.1	26.3	4.4	4.7	4.6	38.7	39.8	40.0
Miami .....	76.6	75.3	75.4	77.6	79.5	80.1	239.7	240.1	241.1
Orlando .....	50.9	50.8	51.1	37.1	37.9	37.8	175.4	178.9	179.6
Pensacola .....	11.1	11.3	11.4	6.7	6.9	6.8	35.0	35.5	35.3
Sarasota-Bradenton .....	19.9	20.8	20.9	5.2	5.3	5.4	50.8	52.8	52.6
Tallahassee .....	4.9	5.1	5.0	3.6	3.6	3.6	31.0	32.9	32.8
Tampa-St. Petersburg-Clearwater .....	85.6	84.5	84.7	43.3	43.7	43.7	242.3	249.6	249.4
West Palm Beach-Boca Raton .....	29.2	27.8	28.3	14.4	14.6	14.7	99.9	101.6	101.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Alabama</b> .....	78.0	79.5	79.8	399.9	409.2	410.2	328.2	333.1	326.6
Birmingham .....	30.9	31.7	31.8	125.6	128.5	128.9	65.2	67.4	65.3
Huntsville .....	4.5	4.6	4.5	42.8	42.0	42.1	37.7	37.6	37.5
Mobile .....	9.2	9.4	9.5	56.8	60.8	61.2	32.0	32.3	32.0
Montgomery .....	8.6	8.6	8.6	38.7	40.4	40.6	35.7	35.4	34.9
Tuscaloosa .....	2.1	2.2	2.2	12.6	13.3	13.3	20.7	20.2	20.8
<b>Alaska</b> .....	12.0	11.8	11.9	65.3	66.6	67.0	70.7	69.3	70.0
Anchorage .....	7.2	7.1	7.1	33.5	34.5	34.6	27.5	27.1	27.1
<b>Arizona</b> .....	106.4	108.8	109.1	516.6	545.8	547.0	274.3	281.1	292.0
Phoenix-Mesa .....	86.7	89.4	89.9	360.0	385.0	386.6	144.1	148.3	151.7
Tucson .....	11.5	12.0	12.1	90.6	92.7	92.7	61.5	60.4	64.8
<b>Arkansas</b> .....	42.1	42.9	42.8	241.4	247.5	248.8	166.7	164.4	168.1
Fayetteville-Springdale-Rogers .....	4.4	4.5	4.6	25.0	25.7	26.0	16.3	16.7	17.0
Fort Smith .....	3.0	3.0	2.9	23.6	23.1	22.8	8.8	8.7	9.2
Little Rock-North Little Rock .....	16.7	17.0	17.1	82.8	84.3	84.8	54.7	54.1	54.6
Pine Bluff .....	1.4	1.3	1.3	8.1	8.3	8.3	7.4	7.1	7.3
<b>California</b> .....	739.8	736.4	737.2	3,760.3	3,912.1	3,921.8	1,991.9	2,031.4	2,003.8
Bakersfield .....	6.1	6.0	6.0	40.3	41.2	40.9	44.0	44.0	43.0
Fresno .....	13.7	13.3	13.0	69.9	70.3	71.1	60.3	61.8	61.2
Los Angeles-Long Beach .....	224.4	223.9	224.1	1,198.7	1,249.9	1,251.5	509.8	517.0	504.8
Modesto .....	4.5	4.5	4.4	29.2	29.3	29.2	21.9	22.6	22.1
Oakland .....	53.2	52.9	52.9	258.2	266.9	266.8	161.2	159.8	159.3
Orange County .....	85.2	84.9	84.9	349.7	365.9	366.1	117.6	121.2	118.3
Riverside-San Bernardino .....	28.9	29.1	29.2	198.0	204.6	203.9	148.7	159.0	155.6
Sacramento .....	40.1	41.2	41.4	161.7	166.6	167.6	160.6	163.2	163.4
Salinas .....	6.3	6.4	6.5	30.5	31.6	31.4	25.9	26.9	26.3
San Diego .....	55.3	55.4	55.5	319.4	324.8	326.8	172.8	175.7	174.2
San Francisco .....	95.8	94.9	94.4	321.9	327.4	327.1	121.6	123.4	121.0
San Jose .....	28.9	28.2	28.3	267.3	278.6	279.1	84.2	83.8	83.2
Santa Barbara-Santa Maria-Lompoc .....	7.2	7.1	7.1	44.8	45.3	45.3	27.5	28.7	28.0
Santa Rosa .....	9.6	9.3	9.3	42.3	43.5	44.0	22.0	21.2	21.5
Stockton-Lodi .....	8.2	8.4	8.4	38.9	39.6	39.7	32.5	31.6	32.0
Vallejo-Fairfield-Napa .....	5.6	5.5	5.9	37.0	37.9	37.8	31.4	30.4	29.4
Ventura .....	12.0	12.3	12.3	72.5	73.4	73.2	40.7	42.7	41.3
<b>Colorado</b> .....	113.8	116.7	116.6	550.4	568.0	566.2	284.7	286.7	285.9
Boulder-Longmont .....	5.2	5.6	5.6	45.3	46.5	46.6	22.4	23.9	22.7
Colorado Springs .....	9.8	10.0	10.0	67.0	69.8	69.4	31.1	31.8	31.8
Denver .....	76.1	78.5	78.3	299.2	305.7	307.1	133.6	133.0	132.6
<b>Connecticut</b> .....	133.6	133.4	133.1	470.1	480.8	479.5	206.4	209.3	206.5
Bridgeport .....	10.0	9.8	9.7	55.4	56.4	56.4	19.3	19.6	18.4
Danbury .....	3.6	3.5	3.5	23.5	23.2	23.1	8.2	8.3	8.4
Hartford .....	73.5	71.9	71.6	158.6	160.5	159.1	87.4	91.1	89.3
New Haven-Meriden .....	14.0	14.2	14.3	81.7	81.4	80.9	29.8	30.1	30.3
New London-Norwich .....	3.4	3.7	3.7	32.9	33.7	33.3	30.6	31.8	31.6
Stamford-Norwalk .....	21.7	23.4	23.5	68.6	74.1	74.2	16.6	17.1	16.3
Waterbury .....	4.1	4.1	4.1	26.4	28.8	28.4	11.3	12.0	11.7
<b>Delaware</b> .....	41.6	43.5	43.5	97.8	102.1	102.0	48.3	49.0	49.0
Dover .....	1.7	1.6	1.6	11.2	12.5	12.4	14.1	14.5	14.8
Wilmington-Newark .....	36.6	38.7	38.5	78.5	82.4	82.4	33.5	34.2	34.2
<b>District of Columbia</b> .....	30.1	29.6	29.7	263.1	265.5	262.6	250.9	251.8	238.8
Washington PMSA .....	134.9	133.8	134.4	882.5	906.7	902.6	586.8	589.6	569.5
<b>Florida</b> .....	378.0	385.8	385.0	2,063.1	2,142.4	2,142.8	848.5	881.0	870.5
Daytona Beach .....	6.6	6.7	6.7	49.6	50.6	50.7	20.3	21.2	20.7
Fort Lauderdale .....	42.2	43.8	43.7	195.2	203.0	204.2	73.8	77.8	76.3
Fort Myers-Cape Coral .....	8.2	8.4	8.4	49.2	51.0	51.0	21.2	21.7	21.5
Gainesville .....	4.5	4.6	4.5	30.7	31.1	31.2	34.2	35.7	36.5
Jacksonville .....	48.3	47.5	47.3	159.0	165.1	165.3	59.2	59.2	58.8
Lakeland-Winter Haven .....	7.8	7.6	7.5	43.3	44.4	44.7	22.3	23.3	22.7
Melbourne-Titusville-Palm Bay .....	5.6	5.6	5.6	58.3	59.0	59.4	24.9	24.5	24.6
Miami .....	66.3	68.3	68.4	300.6	307.1	306.9	122.5	129.3	126.3
Orlando .....	41.8	42.1	42.1	290.7	304.5	305.6	70.9	72.5	72.0
Pensacola .....	5.4	5.4	5.4	50.3	52.5	52.9	25.5	25.6	25.3
Sarasota-Bradenton .....	10.5	10.5	10.5	84.1	89.2	89.4	22.6	23.5	23.4
Tallahassee .....	5.3	5.5	5.5	36.8	38.1	38.1	53.7	54.9	54.6
Tampa-St. Petersburg-Clearwater .....	67.2	70.3	70.7	379.8	392.0	394.9	120.4	123.7	122.6
West Palm Beach-Boca Raton .....	26.0	26.3	26.3	147.4	153.8	153.4	45.8	47.3	46.7

See footnotes at end of table.



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

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

(In thousands)

State and area	Total			Mining			Construction		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Georgia</b> .....	3,439.6	3,591.8	3,554.8	7.7	7.5	7.6	159.1	165.0	163.5
Albany .....	57.0	58.6	58.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	4.0	4.0
Athens .....	66.6	70.9	69.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	3.1	3.0
Atlanta .....	1,834.1	1,952.2	1,915.1	1.5	1.6	1.6	86.9	88.2	85.5
Augusta-Aiken .....	189.2	189.8	190.2	.5	.6	.6	10.3	10.7	10.7
Columbus .....	108.7	113.2	113.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	4.9	4.9
Macon .....	141.3	143.9	144.1	1.2	1.2	1.2	5.8	6.6	7.1
Savannah .....	127.5	130.8	131.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.8	7.8	7.7
<b>Hawaii</b> .....	525.9	524.6	522.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	26.6	24.3	24.3
Honolulu .....	401.8	399.6	398.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.5	18.1	18.1
<b>Idaho</b> .....	481.0	503.2	505.1	2.9	3.1	3.1	33.3	36.9	37.3
Boise City .....	179.9	189.6	189.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.9	14.8	14.9
<b>Illinois</b> .....	5,612.5	5,706.3	5,707.8	13.6	13.6	13.6	236.1	235.5	237.2
Bloomington-Normal .....	73.1	73.4	73.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	2.8	2.8
Champaign-Urbana .....	91.4	92.6	91.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.4	3.4	3.5
Chicago .....	3,925.2	3,990.3	3,991.2	1.9	1.9	1.8	156.1	157.3	158.3
Davenport-Moline-Rock Island .....	170.6	171.5	171.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.3	9.0	9.2
Decatur .....	54.9	56.6	56.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.9	4.0	3.9
Kankakee .....	42.2	42.6	42.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	3.0	3.0
Peoria-Pekin .....	160.1	165.1	165.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.0	8.0	8.0
Rockford .....	174.1	175.0	175.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.2	7.2	7.2
Springfield .....	114.8	111.0	115.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	5.0	5.1
<b>Indiana</b> .....	2,748.9	2,756.2	2,766.7	6.7	6.5	6.6	140.5	145.4	143.4
Bloomington .....	58.7	59.6	60.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	3.5	3.5
Elkhart-Goshen .....	115.8	119.0	120.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.8	4.8	4.9
Evansville-Henderson .....	147.6	145.6	146.0	1.2	1.3	1.2	9.4	9.8	9.7
Fort Wayne .....	256.4	259.3	260.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.1	14.3	14.2
Gary .....	249.2	259.1	256.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.2	19.7	18.9
Indianapolis .....	791.0	795.4	795.6	.8	.8	.8	44.2	45.2	45.0
Kokomo .....	52.4	53.6	55.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.7	1.8
Lafayette .....	78.8	84.1	83.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.9	4.0	3.9
Muncie .....	58.3	56.8	56.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.6	2.5
South Bend .....	129.5	127.8	128.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.3	7.6	7.5
Terre Haute .....	68.6	68.7	68.8	.2	.2	.2	3.4	3.0	3.0
<b>Iowa</b> .....	1,354.0	1,368.5	1,372.9	2.3	2.2	2.2	62.6	63.6	64.2
Cedar Rapids .....	105.8	106.8	106.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.9	6.2	6.2
Des Moines .....	264.1	264.7	265.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.3	12.7	12.9
Dubuque .....	50.2	48.9	48.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.1	2.1
Iowa City .....	62.5	61.4	63.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.0	2.0
Sioux City .....	64.2	63.1	63.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	3.6	3.5
Waterloo-Cedar Falls .....	67.1	67.2	66.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	3.2	3.1
<b>Kansas</b> .....	1,191.3	1,215.0	1,218.3	8.0	8.2	8.1	55.4	60.4	59.7
Lawrence .....	42.2	41.1	43.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	2.2	2.1
Topeka .....	98.3	99.4	99.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.2	4.6	4.5
Wichita .....	254.6	260.1	259.8	1.4	1.4	1.4	13.3	14.0	14.1
<b>Kentucky</b> .....	1,643.8	1,667.2	1,673.0	25.0	24.4	24.6	77.5	79.4	79.0
Lexington .....	251.4	258.7	259.6	.2	.2	.2	12.5	13.0	13.0
Louisville .....	531.9	540.5	542.6	.6	.6	.6	27.8	27.8	28.0
Owensboro .....	42.7	43.2	43.8	.4	.4	.4	3.1	3.2	3.2
<b>Louisiana</b> .....	1,768.9	1,795.5	1,792.3	46.9	47.8	48.1	108.0	112.1	112.6
Alexandria .....	53.3	53.3	52.8	.1	.1	.1	3.6	3.5	3.5
Baton Rouge .....	268.1	276.2	273.9	.8	.8	.9	28.1	29.2	29.2
Houma .....	66.0	67.4	67.3	5.4	5.7	5.9	2.8	3.0	2.9
Lafayette .....	148.1	150.4	150.6	11.9	12.3	12.4	8.1	8.3	8.2
Lake Charles .....	81.3	82.0	81.9	1.5	1.5	1.5	8.8	8.9	9.3
Monroe .....	65.8	66.6	65.9	.2	.2	.2	3.4	3.4	3.4
New Orleans .....	596.6	600.3	598.8	13.9	14.3	14.4	28.0	28.2	28.2
Shreveport-Bossier City .....	163.7	165.5	165.3	2.4	2.5	2.5	8.4	8.6	8.6
<b>Maine</b> .....	551.2	546.5	551.5	.1	.1	.1	24.2	24.2	24.6
Lewiston-Auburn .....	40.8	39.5	39.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	1.8	1.8
Portland .....	132.3	134.2	134.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.7	6.5	6.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Georgia</b> .....	589.0	587.3	590.7	216.0	225.0	225.9	874.1	930.7	916.8
Albany .....	8.3	8.7	8.8	3.2	3.0	3.0	13.6	13.7	13.8
Athens .....	11.5	12.1	12.1	1.9	2.0	1.9	16.2	17.2	17.0
Atlanta .....	213.0	214.9	215.7	149.9	156.5	157.3	493.0	535.7	522.7
Augusta-Aiken .....	42.6	41.9	42.0	5.8	5.9	5.8	41.7	41.6	41.8
Columbus .....	21.1	21.7	21.9	3.7	3.7	3.6	24.6	25.3	25.2
Macon .....	20.4	20.0	20.1	5.4	5.4	5.3	33.3	33.3	33.2
Savannah .....	17.1	16.4	17.0	9.6	9.5	9.5	32.9	34.1	34.3
<b>Hawaii</b> .....	17.2	16.8	16.5	40.7	40.5	40.4	138.3	134.9	134.3
Honolulu .....	13.0	12.7	12.7	33.3	33.1	33.0	101.9	100.8	100.5
<b>Idaho</b> .....	71.8	75.2	75.7	22.9	23.5	23.5	123.3	128.1	128.9
Boise City .....	31.8	34.5	34.6	8.6	8.6	8.6	43.3	45.0	45.0
<b>Illinois</b> .....	971.2	979.8	982.1	321.6	327.8	327.8	1,320.8	1,348.8	1,355.0
Bloomington-Normal .....	8.5	8.5	8.5	2.9	2.9	2.9	17.1	17.2	17.3
Champaign-Urbana .....	11.4	11.6	11.5	2.8	2.6	2.6	20.6	20.9	20.9
Chicago .....	656.5	659.1	659.5	237.1	237.7	238.6	920.1	940.7	945.9
Davenport-Moline-Rock Island .....	30.4	30.1	30.1	8.7	8.8	8.9	48.0	48.2	48.2
Decatur .....	11.6	13.1	13.0	5.1	5.2	5.2	12.3	12.6	12.6
Kankakee .....	7.4	7.5	7.5	2.0	2.0	2.0	11.0	10.9	10.9
Peoria-Pekin .....	26.2	31.6	31.8	9.3	9.3	9.3	40.1	40.4	40.5
Rockford .....	53.9	54.5	54.5	8.5	8.9	8.9	35.6	36.1	36.1
Springfield .....	4.3	4.4	4.3	5.7	5.8	5.8	25.4	23.7	25.7
<b>Indiana</b> .....	884.6	667.5	675.7	142.8	140.2	140.2	674.7	685.2	688.6
Bloomington .....	9.9	10.7	10.9	1.8	1.9	1.9	14.3	14.3	14.2
Elkhart-Goshen .....	58.1	58.3	58.7	3.3	3.4	3.3	22.8	23.4	23.4
Evansville-Henderson .....	31.7	30.5	31.0	7.2	7.2	7.2	37.7	35.9	35.7
Fort Wayne .....	73.8	73.9	74.5	13.2	12.7	12.7	63.1	61.8	61.9
Gary .....	53.1	51.4	51.7	16.1	15.3	15.2	62.6	64.0	64.1
Indianapolis .....	126.3	126.0	126.7	47.5	48.2	48.2	207.4	209.9	209.4
Kokomo .....	21.1	21.1	22.6	1.1	1.2	1.1	11.6	11.9	11.9
Lafayette .....	21.5	21.5	21.2	2.1	2.1	2.1	17.3	17.3	17.4
Muncie .....	11.2	10.9	10.9	7.0	4.3	4.2	14.0	13.3	13.2
South Bend .....	23.3	22.9	22.5	5.5	5.8	5.8	34.1	33.8	33.9
Terre Haute .....	13.0	12.1	11.9	3.7	4.5	4.4	20.9	20.7	21.1
<b>Iowa</b> .....	251.1	248.7	249.5	61.9	63.0	63.1	346.4	349.2	351.2
Cedar Rapids .....	21.3	20.5	20.8	7.3	7.1	7.1	24.9	24.8	24.7
Des Moines .....	25.5	25.0	25.1	12.9	13.0	13.1	71.6	70.7	71.6
Dubuque .....	13.3	11.3	11.1	2.1	2.0	2.0	12.2	12.5	12.6
Iowa City .....	5.3	5.2	5.3	2.1	1.9	1.9	12.1	12.6	12.6
Sioux City .....	12.8	12.6	12.6	3.9	3.9	3.9	16.0	16.0	16.1
Waterloo-Cedar Falls .....	14.5	14.8	14.4	2.0	2.0	2.0	16.8	16.8	16.8
<b>Kansas</b> .....	192.2	197.2	197.3	68.2	70.2	70.2	298.0	306.7	308.0
Lawrence .....	5.1	5.1	5.2	1.1	1.1	1.1	10.9	10.8	10.9
Topeka .....	10.0	10.3	10.0	8.1	6.3	6.3	21.9	22.1	22.1
Wichita .....	56.8	61.5	61.8	10.1	9.7	9.7	61.7	62.8	62.8
<b>Kentucky</b> .....	314.7	309.8	310.5	92.2	94.0	94.3	400.6	406.4	408.2
Lexington .....	43.3	43.7	43.7	10.2	10.5	10.6	58.0	58.9	59.0
Louisville .....	90.4	88.6	89.2	37.0	37.4	37.9	133.1	133.9	134.8
Owensboro .....	7.0	7.0	7.1	2.2	2.2	2.2	10.6	10.8	10.8
<b>Louisiana</b> .....	190.3	190.1	190.2	108.2	108.6	108.6	417.9	427.3	428.9
Alexandria .....	3.3	3.4	3.3	3.1	3.0	2.9	12.0	11.8	11.8
Baton Rouge .....	24.0	24.4	24.3	12.9	12.6	12.8	62.8	64.6	64.4
Houma .....	5.9	6.0	6.1	6.6	6.9	6.9	17.1	17.3	17.2
Lafayette .....	16.0	15.8	15.7	8.7	8.9	8.9	38.1	39.0	39.1
Lake Charles .....	11.2	11.5	11.4	4.4	4.5	4.6	17.9	17.9	17.8
Monroe .....	8.3	8.3	8.3	3.9	3.8	3.8	16.7	17.1	17.2
New Orleans .....	47.0	46.7	46.4	42.1	42.1	42.0	147.8	148.5	148.4
Shreveport-Bossier City .....	20.3	20.5	20.5	8.1	8.1	8.0	38.5	38.4	38.7
<b>Maine</b> .....	93.5	87.0	90.4	22.8	22.4	22.3	147.9	148.6	149.8
Lewiston-Auburn .....	8.6	7.4	7.7	1.7	1.8	1.8	10.5	10.2	10.3
Portland .....	13.7	13.3	13.1	6.3	6.3	6.3	40.5	42.4	43.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Aug. 1995	July 1996	Aug. 1996 <sup>a</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>a</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>a</sup>
<b>Georgia</b> .....	176.5	177.4	177.6	856.0	928.4	906.2	561.2	570.5	566.5
Albany .....	2.2	2.2	2.2	14.2	14.6	14.4	12.0	12.4	12.5
Athens .....	2.1	2.0	2.0	12.5	13.6	13.1	19.7	20.9	20.4
Atlanta .....	118.6	119.5	119.4	528.7	588.2	567.4	242.5	247.6	245.5
Augusta-Aiken .....	6.7	6.8	6.7	44.0	44.8	44.9	37.6	37.5	37.7
Columbus .....	7.2	7.6	7.6	27.4	29.6	29.7	19.7	20.4	20.1
Macon .....	8.4	8.5	8.5	32.1	33.9	33.8	34.7	35.0	34.9
Savannah .....	4.3	4.5	4.6	36.5	38.0	38.2	20.3	20.5	20.5
<b>Hawaii</b> .....	37.4	36.6	36.5	163.4	166.3	165.2	104.3	105.2	104.8
Honolulu .....	30.6	30.2	30.1	119.2	120.7	120.0	83.3	84.0	83.6
<b>Idaho</b> .....	24.5	24.2	24.2	112.6	121.8	122.5	89.7	90.4	89.9
Boise City .....	11.6	11.8	11.9	44.1	47.4	47.6	26.6	27.5	27.1
<b>Illinois</b> .....	387.2	391.1	390.2	1,609.1	1,638.4	1,641.2	752.9	771.3	760.7
Bloomington-Normal .....	13.8	13.6	13.5	17.4	17.6	17.7	10.6	10.8	10.9
Champaign-Urbana .....	3.2	3.3	3.3	20.3	19.9	19.9	29.9	30.9	30.1
Chicago .....	304.4	307.7	307.6	1,186.1	1,210.9	1,214.0	463.0	475.0	465.5
Davenport-Moline-Rock Island .....	8.0	8.0	8.0	43.5	43.9	43.9	22.7	23.5	23.4
Decatur .....	2.9	3.0	3.0	13.6	13.2	13.2	5.5	5.5	5.3
Kankakee .....	1.7	1.7	1.7	10.8	11.2	11.2	6.2	6.3	6.2
Peoria-Pekin .....	8.0	8.0	8.0	51.6	51.4	51.5	16.9	16.4	16.7
Rockford .....	7.1	7.1	7.2	45.4	44.8	44.8	16.4	16.4	16.3
Springfield .....	7.8	7.9	7.9	33.3	31.5	33.5	33.3	32.7	33.5
<b>Indiana</b> .....	133.4	135.9	135.8	634.0	638.6	639.0	332.2	336.9	337.6
Bloomington .....	2.5	2.3	2.3	11.6	11.5	11.6	15.5	15.4	15.6
Elkhart-Goshen .....	2.7	2.8	2.8	18.3	20.1	20.4	5.8	6.2	7.1
Evansville-Henderson .....	7.2	7.2	7.3	40.6	40.4	40.5	12.6	13.3	13.4
Fort Wayne .....	13.8	14.6	14.5	60.6	60.5	61.1	18.8	21.5	21.2
Gary .....	9.3	9.7	9.8	62.0	67.1	67.7	27.9	31.9	29.0
Indianapolis .....	57.9	59.9	59.8	206.6	210.4	210.4	100.3	95.0	95.3
Kokomo .....	1.5	1.5	1.5	9.2	9.7	9.8	6.2	6.5	7.0
Lafayette .....	3.8	3.8	3.8	16.4	16.6	16.5	13.8	18.8	18.2
Muncie .....	1.8	1.7	1.8	14.6	14.6	14.6	7.0	9.4	9.0
South Bend .....	6.5	6.3	6.2	42.1	40.4	40.9	10.7	11.0	11.8
Terre Haute .....	2.3	2.3	2.3	16.3	16.7	16.6	8.8	9.2	9.3
<b>Iowa</b> .....	77.8	79.3	79.1	340.1	351.5	353.2	211.8	211.0	210.4
Cedar Rapids .....	5.7	5.6	5.6	30.7	31.6	31.5	10.0	11.0	10.6
Des Moines .....	36.5	37.4	37.1	72.7	74.1	73.7	32.6	31.8	32.1
Dubuque .....	1.7	1.7	1.6	15.7	16.3	15.9	3.0	3.0	3.0
Iowa City .....	1.8	1.7	1.8	12.8	13.6	13.7	26.1	24.4	25.9
Sioux City .....	2.7	2.7	2.7	18.2	17.7	17.8	7.0	6.6	6.6
Waterloo-Cedar Falls .....	3.0	3.0	3.0	17.2	16.8	16.8	10.6	10.6	10.7
<b>Kansas</b> .....	58.3	59.3	59.7	293.8	295.8	296.5	217.4	217.2	218.8
Lawrence .....	1.8	1.9	1.9	9.5	9.7	9.7	11.9	10.3	12.1
Topeka .....	6.5	6.6	6.7	26.3	26.1	26.3	23.3	23.4	23.2
Wichita .....	11.3	11.2	11.2	71.0	69.7	69.9	29.0	29.8	28.9
<b>Kentucky</b> .....	65.9	67.0	67.0	395.8	411.2	411.7	272.1	275.0	277.7
Lexington .....	9.5	9.7	9.7	66.7	69.8	70.4	51.0	52.9	53.0
Louisville .....	28.4	29.1	29.1	149.3	156.5	156.4	65.3	66.6	66.6
Owensboro .....	1.8	1.8	1.8	11.8	12.2	12.4	5.8	5.6	5.9
<b>Louisiana</b> .....	80.6	81.0	80.8	476.1	478.0	477.5	340.9	350.6	345.6
Alexandria .....	2.2	2.2	2.2	15.6	15.7	15.6	13.4	13.6	13.4
Baton Rouge .....	15.6	15.9	15.9	69.4	69.8	69.8	54.5	58.9	56.6
Houma .....	2.2	2.1	2.1	13.8	14.1	14.0	12.2	12.3	12.2
Lafayette .....	5.7	5.9	5.8	37.0	37.1	37.7	22.6	23.1	22.8
Lake Charles .....	2.6	2.6	2.6	22.5	21.9	22.1	12.4	13.2	12.6
Monroe .....	4.4	4.5	4.6	16.9	18.5	16.7	12.0	12.8	11.7
New Orleans .....	30.1	30.5	30.5	186.1	186.7	185.5	101.6	103.3	103.4
Shreveport-Bossier City .....	6.4	6.5	6.4	49.3	50.0	49.9	30.3	30.9	30.7
<b>Maine</b> .....	26.4	26.7	26.8	155.9	157.3	158.1	80.4	80.2	79.4
Lewiston-Auburn .....	1.9	2.0	2.0	12.6	12.5	12.6	3.6	3.8	3.7
Portland .....	11.9	12.1	12.1	39.2	37.9	37.4	15.0	15.7	15.5

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Maryland</b> .....	2,183.8	2,203.4	2,194.1	1.2	1.2	1.2	132.4	131.8	132.1
Baltimore PMSA .....	1,132.8	1,139.4	1,138.1	.2	.2	.2	63.5	62.7	62.9
Baltimore City .....	408.2	408.8	407.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.3	12.0	12.1
Suburban Maryland-D.C. ....	795.8	800.7	796.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	55.2	55.0	55.3
<b>Massachusetts</b> .....	2,976.4	3,017.8	3,018.0	1.4	1.4	1.4	99.4	100.1	101.4
Barnstable-Yarmouth .....	62.5	63.8	63.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.6	2.6
Boston .....	1,812.0	1,834.7	1,834.7	.5	.5	.5	55.3	55.4	56.2
Brockton .....	90.1	90.0	90.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.4	3.3	3.4
Fitchburg-Leominster .....	49.8	51.2	50.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.7	1.8	1.8
Lawrence .....	142.2	145.8	146.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	5.8	6.0	6.0
Lowell .....	106.0	105.9	105.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	4.8	4.6
New Bedford .....	62.7	63.5	63.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.5	2.8	2.8
Pittsfield .....	42.4	42.6	43.2	.1	.1	.1	1.6	1.5	1.6
Springfield .....	239.5	243.5	243.7	.1	.1	.1	7.8	8.1	8.2
Worcester .....	210.4	214.7	215.2	.2	.2	.2	6.9	7.6	7.6
<b>Michigan</b> .....	4,228.7	4,272.8	4,318.1	8.9	8.3	8.3	169.6	186.4	186.4
Ann Arbor .....	247.5	250.2	249.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.7	9.1	9.3
Benton Harbor .....	70.9	70.7	71.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.4	2.5
Detroit .....	1,998.8	2,044.2	2,071.4	.8	.7	.7	72.2	78.3	78.5
Flint .....	178.8	174.0	177.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.5	6.9	6.9
Grand Rapids-Muskegon-Holland .....	513.1	524.8	527.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	24.2	26.5	26.4
Jackson .....	58.6	59.0	59.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.4	2.4
Kalamazoo-Battle Creek .....	201.8	200.3	201.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.0	8.1	8.1
Lansing-East Lansing .....	218.3	219.5	219.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.4	7.7	7.7
Saginaw-Bay City-Midland .....	172.6	173.4	175.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.6	9.2	9.3
<b>Minnesota</b> .....	2,384.7	2,428.7	2,433.9	8.5	8.5	8.5	96.6	97.8	99.2
Duluth-Superior .....	106.9	108.4	107.4	5.2	5.2	5.1	4.5	3.9	4.0
Minneapolis-St. Paul .....	1,548.3	1,569.4	1,573.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	60.1	64.7	64.2
Rochester .....	69.2	70.9	71.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	2.7	2.8
St. Cloud .....	79.6	81.2	81.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	4.2	4.3
<b>Mississippi</b> .....	1,075.0	1,067.2	1,071.4	4.8	4.9	5.1	46.8	53.2	51.7
Jackson .....	209.5	210.1	209.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	9.8	11.2	10.8
<b>Missouri</b> .....	2,513.0	2,554.6	2,544.4	4.9	5.3	5.2	115.3	119.3	117.8
Kansas City .....	865.4	893.1	888.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	43.9	46.9	47.1
St. Louis .....	1,238.9	1,255.6	1,249.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	63.4	66.2	64.9
Springfield .....	149.9	151.0	150.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.1	6.8	6.9
<b>Montana</b> .....	358.3	360.0	362.8	5.4	5.5	5.3	18.8	18.0	18.2
<b>Nebraska</b> .....	822.2	822.8	827.6	1.4	1.3	1.3	37.6	38.1	38.3
Lincoln .....	137.7	137.4	139.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.0	6.0	6.0
Omaha .....	376.4	376.5	376.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.2	17.6	17.7
<b>Nevada</b> .....	796.9	848.0	850.3	13.4	14.6	14.6	64.5	74.8	75.7
Las Vegas .....	549.8	590.5	592.9	1.9	2.1	2.1	49.0	58.7	59.4
Reno .....	169.1	174.6	174.2	.7	.6	.6	11.2	11.2	11.2
<b>New Hampshire</b> .....	542.7	548.4	548.6	.5	.5	.6	21.4	21.7	21.8
Manchester .....	92.6	91.1	91.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	4.6	4.6
Nashua .....	84.3	85.6	85.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	3.2	3.3
Portsmouth-Rochester .....	110.9	110.2	110.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	3.2	3.2
<b>New Jersey</b> .....	3,630.8	3,665.8	3,661.5	2.1	2.1	2.1	131.4	130.4	130.9
Atlantic-Cape May .....	190.2	193.5	193.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.2	6.3	6.6
Bergen-Passaic .....	617.8	621.5	622.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	22.9	23.1	23.2
Camden .....	446.5	454.5	456.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.6	20.7	20.9
Jersey City .....	238.3	238.3	238.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.9	3.9	4.0
Middlesex-Somerset-Hunterdon .....	569.8	579.2	578.3	.5	.5	.5	19.9	20.4	20.5
Monmouth-Ocean .....	363.1	370.6	370.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.7	18.6	18.6
Newark .....	932.3	934.2	931.9	.8	.8	.8	33.0	29.9	30.0
Trenton .....	192.3	193.6	193.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	4.6	4.3
Vineland-Millville-Bridgeton .....	57.8	58.1	58.1	.3	.2	.2	2.0	2.1	2.0
<b>New Mexico</b> .....	688.8	716.7	718.1	15.8	16.7	16.8	46.7	50.4	50.6
Albuquerque .....	322.9	334.1	335.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	23.3	24.5	24.6
Las Cruces .....	46.5	49.7	50.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.4	3.7	3.7
Santa Fe .....	71.4	71.9	71.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.8	3.7	3.7
<b>New York</b> .....	7,859.7	7,930.5	7,921.6	5.2	4.8	4.8	270.4	274.8	278.6
Albany-Schenectady-Troy .....	429.0	425.0	426.3	.6	.6	.6	16.6	16.6	16.9
Binghamton .....	110.3	108.8	109.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.8	4.8	4.8

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Maryland</b> .....	175.9	174.5	174.7	104.8	105.8	106.1	538.3	542.8	540.9
Baltimore PMSA .....	103.0	101.3	101.1	56.3	55.5	55.6	267.9	269.7	269.4
Baltimore City .....	32.8	31.3	31.8	19.6	18.9	19.1	68.6	68.1	68.1
Suburban Maryland-D.C. ....	35.3	36.2	35.9	34.3	35.1	35.1	196.6	196.3	196.6
<b>Massachusetts</b> .....	445.2	439.4	443.1	126.3	124.7	124.4	697.7	707.3	708.6
Barnstable-Yarmouth .....	2.3	2.2	2.2	2.8	2.8	2.8	24.3	24.5	24.4
Boston .....	222.5	219.0	220.6	80.1	78.2	78.7	397.3	402.2	401.8
Brockton .....	10.5	10.2	10.3	4.9	4.7	4.8	30.7	30.7	30.4
Fitchburg-Leominster .....	13.7	13.4	13.4	1.6	1.6	1.6	12.1	12.5	12.4
Lawrence .....	35.3	35.0	35.1	4.2	4.2	4.2	34.6	35.6	35.7
Lowell .....	27.5	27.9	28.3	5.5	5.5	5.5	23.3	23.0	23.2
New Bedford .....	14.3	13.2	13.5	2.3	2.2	2.2	16.0	16.4	16.6
Pittsfield .....	7.7	7.7	7.8	1.2	1.2	1.2	10.7	10.9	11.1
Springfield .....	39.7	39.6	40.0	9.2	9.4	9.3	56.2	58.0	58.4
Worcester .....	40.4	40.3	40.7	9.3	9.1	9.1	48.2	48.5	48.6
<b>Michigan</b> .....	971.1	938.9	966.9	167.5	170.0	171.1	1,014.0	1,030.3	1,038.5
Ann Arbor .....	52.8	52.7	53.3	5.4	5.5	5.4	50.2	50.4	50.4
Benton Harbor .....	21.4	20.9	20.9	3.0	2.9	2.9	16.1	16.4	16.5
Detroit .....	441.2	437.4	448.2	91.4	92.3	92.9	473.9	492.1	497.5
Flint .....	48.4	42.7	45.4	5.2	5.3	5.3	44.3	44.8	44.9
Grand Rapids-Muskegon-Holland .....	151.9	151.4	153.8	18.6	19.1	19.1	127.4	131.7	132.6
Jackson .....	13.0	12.8	12.9	3.7	3.6	3.6	15.0	15.2	15.3
Kalamazoo-Battle Creek .....	50.7	49.2	49.5	6.8	6.7	6.7	45.4	45.2	45.7
Lansing-East Lansing .....	30.7	30.0	30.0	6.0	6.1	6.1	50.3	49.6	50.0
Saginaw-Bay City-Midland .....	40.0	38.9	40.4	7.3	7.2	7.3	45.2	46.1	46.3
<b>Minnesota</b> .....	436.9	435.0	438.9	115.9	119.7	119.4	583.7	592.4	597.5
Duluth-Superior .....	8.2	8.0	8.0	6.5	6.1	6.0	28.8	29.0	29.1
Minneapolis-St. Paul .....	277.4	277.1	277.7	84.0	85.3	85.4	372.9	375.9	377.9
Rochester .....	10.8	10.4	10.6	2.0	2.1	2.1	14.4	14.8	14.7
St. Cloud .....	15.1	15.5	15.6	2.8	2.9	2.8	24.7	25.3	25.4
<b>Mississippi</b> .....	256.6	241.0	241.6	50.4	49.5	49.0	231.0	229.7	228.8
Jackson .....	21.5	20.3	20.2	14.5	14.2	14.4	50.3	50.1	50.0
<b>Missouri</b> .....	422.9	413.5	413.8	158.3	163.5	164.6	608.2	612.5	614.9
Kansas City .....	107.0	109.5	109.3	67.1	69.4	69.7	214.2	217.9	218.1
St. Louis .....	200.6	195.0	194.4	78.6	80.6	81.3	300.1	303.0	301.8
Springfield .....	23.7	24.1	24.2	9.1	9.4	9.4	44.3	43.9	43.8
<b>Montana</b> .....	23.9	24.0	24.2	20.8	21.1	21.1	100.4	100.6	101.2
<b>Nebraska</b> .....	112.1	112.0	114.1	49.8	50.1	50.2	211.3	206.5	207.6
Lincoln .....	17.2	16.9	17.0	7.6	7.4	7.5	29.6	29.5	29.5
Omaha .....	37.7	37.8	38.0	26.4	26.3	26.4	93.6	94.0	94.4
<b>Nevada</b> .....	37.1	39.1	39.2	41.2	42.9	42.9	159.2	171.4	173.1
Las Vegas .....	20.4	21.6	21.6	28.7	29.6	29.6	111.5	121.2	122.0
Reno .....	12.4	13.0	13.0	11.1	11.6	11.6	37.3	39.5	40.2
<b>New Hampshire</b> .....	101.6	100.1	101.5	19.4	20.3	19.8	144.7	148.9	148.4
Manchester .....	12.2	12.8	12.9	5.6	6.6	6.6	23.3	23.0	23.3
Nashua .....	26.7	27.2	27.1	2.3	2.2	2.3	21.4	21.7	21.6
Portsmouth-Rochester .....	19.3	17.8	18.3	4.0	4.3	4.2	30.0	30.5	30.3
<b>New Jersey</b> .....	500.4	486.1	490.7	248.6	244.7	244.4	858.9	871.2	871.9
Atlantic-Cape May .....	6.7	5.9	6.1	7.6	7.1	7.2	44.9	46.0	46.1
Bergen-Passaic .....	110.7	105.0	107.6	28.4	28.5	28.0	172.4	173.8	174.1
Camden .....	56.4	56.2	56.1	21.5	21.7	21.3	120.6	123.4	124.9
Jersey City .....	31.1	28.8	29.6	28.9	29.5	29.2	57.7	57.5	58.2
Middlesex-Somerset-Hunterdon .....	91.9	91.5	90.9	47.0	46.0	46.1	134.0	134.2	134.5
Monmouth-Ocean .....	22.2	21.4	21.6	19.7	19.7	19.7	100.8	103.0	103.4
Newark .....	140.0	138.5	140.1	62.5	79.6	79.6	183.8	185.8	186.1
Trenton .....	22.8	20.9	21.0	7.0	7.2	7.2	30.7	31.6	31.4
Vineland-Millville-Bridgeton .....	13.9	13.9	14.1	2.5	2.7	2.8	11.3	11.2	11.1
<b>New Mexico</b> .....	45.9	46.3	48.2	30.3	30.5	30.6	167.4	173.3	174.8
Albuquerque .....	29.6	30.4	30.8	13.8	13.8	14.1	78.6	81.6	82.8
Las Cruces .....	2.8	2.6	2.9	1.6	1.6	1.6	10.7	11.2	11.3
Santa Fe .....	2.0	2.1	2.0	1.1	1.2	1.2	16.3	16.5	16.7
<b>New York</b> .....	951.3	932.3	935.3	397.5	399.5	398.9	1,620.8	1,640.6	1,642.9
Albany-Schenectady-Troy .....	41.0	39.9	40.1	15.8	15.9	15.9	91.6	91.4	92.5
Binghamton .....	25.6	24.3	24.6	4.5	4.5	4.5	23.8	23.2	23.2

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Maryland</b> .....	129.0	128.8	129.2	702.0	711.7	709.6	400.2	406.8	400.3
Baltimore PMSA .....	71.7	69.8	70.2	366.9	374.4	374.5	203.3	205.8	204.2
Baltimore City .....	35.3	34.2	34.3	149.6	152.7	152.5	90.0	91.6	89.7
Suburban Maryland-D.C. ....	48.4	47.8	47.8	266.6	269.4	267.8	159.4	160.9	157.8
<b>Massachusetts</b> .....	206.5	206.7	206.7	1,030.5	1,064.1	1,063.4	369.4	374.1	369.0
Barnstable-Yarmouth .....	3.4	3.5	3.5	20.1	20.7	20.9	7.2	7.5	7.5
Boston .....	150.4	150.6	150.7	697.7	719.0	718.6	208.2	209.8	207.6
Brockton .....	2.9	3.0	3.0	22.6	23.0	23.2	15.1	15.1	15.2
Fitchburg-Leominster .....	1.5	1.4	1.4	13.0	13.9	13.8	6.2	6.6	6.5
Lawrence .....	4.9	4.9	4.9	41.1	44.2	44.3	16.3	15.9	16.0
Lowell .....	3.8	3.9	3.9	27.9	27.7	27.3	13.0	13.1	13.1
New Bedford .....	1.9	2.0	2.0	16.6	17.6	17.5	9.1	9.3	9.2
Pittsfield .....	2.0	2.0	2.0	14.8	14.8	14.9	4.3	4.4	4.5
Springfield .....	13.3	13.4	13.3	73.6	74.8	74.8	39.6	40.1	39.6
Worcester .....	15.1	15.7	15.7	60.5	62.8	63.2	29.8	30.5	30.1
<b>Michigan</b> .....	199.3	201.1	201.1	1,121.3	1,160.7	1,170.4	577.1	577.2	575.4
Ann Arbor .....	9.9	9.8	9.8	59.2	59.9	60.0	61.1	62.8	60.9
Benton Harbor .....	2.6	2.6	2.6	17.4	17.3	17.4	8.1	8.2	8.2
Detroit .....	108.7	113.2	113.1	600.0	622.4	631.9	210.4	207.8	208.4
Flint .....	6.2	6.1	6.1	47.7	47.1	47.8	20.5	21.1	20.8
Grand Rapids-Muskegon-Holland .....	21.2	22.0	21.9	124.7	128.1	128.4	45.1	46.0	45.7
Jackson .....	1.8	1.8	1.8	13.6	13.8	13.9	9.2	9.3	9.3
Kalamazoo-Battle Creek .....	10.9	10.6	10.7	51.2	51.3	51.6	28.8	29.1	28.8
Lansing-East Lansing .....	12.7	13.0	12.9	53.2	54.0	54.0	58.0	59.2	58.6
Saginaw-Bay City-Midland .....	6.5	6.5	6.4	43.5	44.8	44.8	20.5	20.8	20.8
<b>Minnesota</b> .....	139.7	143.2	143.5	654.7	669.8	673.3	348.7	362.3	353.6
Duluth-Superior .....	3.4	3.4	3.5	29.5	30.3	30.0	20.8	22.5	21.7
Minneapolis-St. Paul .....	110.8	113.1	113.2	441.7	451.0	454.2	200.8	201.6	200.6
Rochester .....	2.1	2.2	2.2	30.7	32.1	32.3	6.4	6.6	6.7
St. Cloud .....	2.5	2.6	2.6	19.0	19.9	19.8	11.0	10.8	10.6
<b>Mississippi</b> .....	40.5	40.1	40.0	231.3	240.7	239.2	213.6	208.1	216.0
Jackson .....	15.0	15.1	15.0	55.2	56.1	54.2	42.6	42.3	43.7
<b>Missouri</b> .....	147.2	152.0	152.3	695.1	713.9	709.3	361.1	374.6	366.5
Kansas City .....	62.8	63.6	63.6	247.9	259.1	257.5	122.5	126.7	123.4
St. Louis .....	77.3	78.3	78.1	384.4	394.4	394.0	134.5	138.1	134.5
Springfield .....	6.4	6.7	6.8	43.2	43.7	43.8	16.1	16.4	16.0
<b>Montana</b> .....	15.9	16.0	16.1	100.7	105.3	105.4	72.4	69.5	71.3
<b>Nebraska</b> .....	53.2	52.5	52.7	214.4	218.3	219.1	142.4	144.0	144.3
Lincoln .....	8.8	9.3	9.3	34.4	34.7	35.0	34.1	33.6	34.9
Omaha .....	32.9	32.0	32.0	120.3	121.2	120.7	48.3	47.6	47.4
<b>Nevada</b> .....	36.4	38.3	38.5	356.0	371.0	371.8	89.1	95.9	94.5
Las Vegas .....	27.2	28.5	28.6	258.2	271.8	272.9	52.9	57.0	56.7
Reno .....	7.7	8.1	8.2	69.1	69.1	69.0	19.6	21.5	20.4
<b>New Hampshire</b> .....	29.5	30.2	29.5	158.6	158.3	159.5	67.0	68.4	67.5
Manchester .....	7.7	6.9	6.6	30.1	27.7	28.5	9.3	9.5	9.0
Nashua .....	3.3	3.5	3.6	21.3	21.2	20.8	6.5	6.6	6.3
Portsmouth-Rochester .....	6.2	6.1	6.1	29.0	28.9	28.9	18.8	19.4	19.2
<b>New Jersey</b> .....	231.0	234.0	233.2	1,108.2	1,142.2	1,143.3	550.2	555.1	545.0
Atlantic-Cape May .....	6.4	6.4	6.4	90.1	93.5	93.1	28.3	28.3	28.3
Bergen-Passaic .....	35.0	35.1	35.1	180.0	185.9	185.1	68.4	70.1	69.1
Camden .....	22.5	22.9	22.7	133.3	137.4	137.5	71.6	72.2	72.6
Jersey City .....	23.1	23.4	23.3	53.9	55.2	56.4	39.7	40.0	37.9
Middlesex-Somerset-Hunterdon .....	43.3	44.2	44.4	160.6	167.1	168.3	72.6	75.3	73.1
Monmouth-Ocean .....	17.8	18.3	18.3	122.3	126.5	126.0	62.6	63.1	63.3
Newark .....	67.8	68.5	68.2	284.5	291.5	290.3	139.9	139.6	136.8
Trenton .....	10.7	10.9	10.8	66.2	67.9	68.2	50.4	50.5	50.2
Vineland-Millville-Bridgeton .....	3.5	3.4	3.4	11.9	12.3	12.2	12.4	12.3	12.3
<b>New Mexico</b> .....	29.8	30.9	31.0	195.1	206.6	205.4	157.8	162.0	160.7
Albuquerque .....	15.8	15.9	16.1	103.1	107.5	107.4	58.7	60.4	59.9
Las Cruces .....	1.8	2.0	2.0	10.1	11.0	11.1	16.1	17.6	17.5
Santa Fe .....	3.1	3.2	3.2	21.1	21.6	21.6	24.0	23.6	23.5
<b>New York</b> .....	729.4	730.4	729.9	2,539.2	2,612.3	2,610.9	1,346.0	1,335.9	1,320.2
Albany-Schenectady-Troy .....	26.3	26.4	26.6	132.4	132.1	132.7	104.6	102.2	101.2
Binghamton .....	4.0	4.0	4.0	28.9	29.2	29.3	18.8	18.8	18.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>New York—Continued</b>									
Buffalo-Niagara Falls .....	536.7	536.3	535.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	22.4	22.2	22.4
Dutchess County .....	103.4	104.9	105.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	4.2	4.1
Elmira .....	41.2	41.8	41.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.7	1.7
Glens Falls .....	54.5	54.0	54.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.6	2.5
Nassau-Suffolk .....	1,088.7	1,103.1	1,100.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	45.7	46.3	46.5
New York PMSA .....	3,802.2	3,834.6	3,825.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	115.1	116.6	118.1
New York City .....	3,302.1	3,334.7	3,327.2	0.3	0.3	0.3	91.6	93.1	94.3
Newburgh .....	119.0	118.3	117.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.9	4.1	4.4
Rochester .....	521.5	525.1	524.0	.7	.6	.5	18.8	18.6	19.0
Rockland County .....	100.3	100.0	99.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.4	3.3	3.4
Syracuse .....	330.1	330.0	329.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.7	14.4	14.7
Utica-Rome .....	129.8	128.6	128.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.2	4.1	4.2
Westchester County .....	379.6	379.8	378.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.1	18.1	18.2
<b>North Carolina</b> .....	3,436.8	3,464.5	3,491.6	3.7	3.8	3.8	179.4	186.4	186.4
Asheville .....	100.7	100.6	100.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.8	5.8	5.7
Charlotte-Gastonia-Rock Hill .....	711.2	713.0	715.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	39.0	40.3	40.2
Greensboro--Winston-Salem--High Point .....	600.3	599.7	603.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	27.5	27.9	27.9
Raleigh-Durham-Chapel Hill .....	552.5	558.4	559.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	29.2	29.1	29.2
<b>North Dakota</b> .....	303.6	309.1	310.0	4.1	4.2	4.2	16.6	17.6	18.1
Bismarck .....	46.0	47.3	47.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	2.8	2.8
Fargo-Moorhead .....	88.0	91.1	91.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.0	6.5	6.8
Grand Forks .....	47.3	47.7	47.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.7	2.7
<b>Ohio</b> .....	5,241.7	5,305.7	5,310.8	14.4	14.0	14.0	225.4	231.6	231.1
Akron .....	310.7	311.2	311.8	.4	.4	.4	13.0	13.4	13.2
Canton-Massillon .....	176.2	176.3	177.8	.6	.6	.6	9.0	9.4	9.3
Cincinnati .....	808.5	819.1	821.1	.7	.7	.8	38.1	37.5	37.6
Cleveland-Lorain-Elyria .....	1,107.7	1,119.8	1,117.7	1.1	1.1	1.1	45.2	47.9	47.9
Columbus .....	785.7	796.9	797.9	.7	.7	.7	33.6	34.8	34.9
Dayton-Springfield .....	463.3	460.4	464.7	.5	.4	.4	17.8	18.7	18.5
Hamilton-Middletown .....	108.6	110.5	110.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.7	6.4	6.5
Lima .....	76.7	76.3	76.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	3.8	3.9
Mansfield .....	78.8	79.8	79.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.8	2.8
Steubenville-Weirton .....	50.8	51.4	51.6	.4	.5	.5	1.7	1.6	1.6
Toledo .....	306.6	307.3	306.6	.2	.2	.2	13.9	14.2	14.1
Youngstown-Warren .....	242.8	243.2	243.6	.6	.6	.5	10.8	11.0	11.0
<b>Oklahoma</b> .....	1,312.5	1,341.6	1,348.1	32.5	31.5	31.5	49.7	50.8	51.1
Enid .....	24.1	24.1	24.3	1.1	1.2	1.2	.9	.8	.9
Lawton .....	37.7	38.0	39.0	.1	.1	.1	1.3	1.4	1.4
Oklahoma City .....	471.3	484.7	488.9	6.9	6.6	6.6	18.6	19.6	19.4
Tulsa .....	351.5	358.7	361.3	7.8	7.3	7.5	14.1	14.0	14.2
<b>Oregon</b> .....	1,429.0	1,473.3	1,490.8	1.8	2.0	2.0	74.3	79.7	82.1
Eugene-Springfield .....	128.3	130.7	131.2	.2	.2	.2	6.8	6.7	6.9
Medford-Ashland .....	63.5	64.3	65.1	.1	.1	.1	3.0	3.0	3.0
Portland-Vancouver .....	841.0	873.7	878.1	1.0	1.3	1.2	46.9	53.6	56.0
Salem .....	127.7	127.2	132.2	.2	.2	.2	6.8	6.9	7.0
<b>Pennsylvania</b> .....	5,237.6	5,265.1	5,267.0	19.8	19.3	19.4	219.2	219.1	219.6
Allentown-Bethlehem-Easton .....	258.3	261.0	260.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.7	11.6	11.5
Altoona .....	57.3	57.4	58.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	3.1	3.1
Erie .....	128.7	128.4	128.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.3	5.0	5.3
Harrisburg-Lebanon-Carlisle .....	336.5	344.8	344.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.8	15.2	14.7
Johnstown .....	86.4	87.0	87.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.1	5.1	5.2
Lancaster .....	203.1	207.0	207.1	.4	.4	.4	11.8	12.4	12.3
Philadelphia PMSA .....	2,166.4	2,179.7	2,172.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	81.8	81.3	81.4
Philadelphia City .....	669.8	667.0	668.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.9	10.8	10.7
Pittsburgh .....	1,048.9	1,057.6	1,052.8	3.7	3.7	3.8	52.4	51.3	52.7
Reading .....	156.9	159.4	160.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.1	7.0	7.4
Scranton--Wilkes-Barre--Hazleton .....	271.5	274.4	274.3	.7	.6	.6	12.0	12.8	13.0
Sharon .....	46.1	45.9	45.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.6	1.7
State College .....	62.8	61.3	62.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.6	2.6
Williamsport .....	52.2	52.8	52.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.3	2.3
York .....	157.7	159.7	159.0	.4	.5	.5	7.9	8.3	8.1

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>New York—Continued</b>									
Buffalo–Niagara Falls .....	91.0	90.6	90.3	25.8	25.2	25.4	131.6	131.4	131.3
Dutchess County .....	17.5	17.8	17.8	4.0	4.3	4.3	21.1	20.9	21.3
Elmira .....	9.3	9.1	9.2	1.5	1.4	1.4	10.5	11.2	11.2
Glens Falls .....	9.2	8.8	8.8	1.6	1.6	1.5	12.6	12.6	12.7
Nassau–Suffolk .....	114.1	109.7	110.7	47.7	49.0	48.2	289.3	294.8	295.9
New York PMSA .....	331.4	321.4	323.0	227.7	228.8	228.4	662.3	675.5	674.0
New York City .....	275.7	269.1	271.0	202.4	203.8	203.5	550.1	561.3	560.1
Newburgh .....	12.9	12.6	12.4	6.3	6.4	6.3	32.2	32.1	32.1
Rochester .....	128.4	128.1	128.3	16.4	16.5	16.5	112.0	112.3	113.0
Rockland County .....	12.6	12.2	12.0	5.6	5.7	5.8	22.6	23.3	23.5
Syracuse .....	49.8	50.4	50.4	18.9	18.3	18.4	79.2	79.0	79.7
Utica–Rome .....	21.3	19.9	20.0	4.2	4.2	4.3	28.3	27.3	27.5
Westchester County .....	41.2	38.2	38.2	19.0	18.5	18.3	85.4	86.7	86.1
<b>North Carolina</b>	862.1	838.2	843.1	164.6	165.1	166.0	809.5	814.6	814.8
Asheville .....	20.0	20.0	20.0	4.6	4.8	4.7	24.8	24.6	24.6
Charlotte–Gastonia–Rock Hill .....	151.7	146.7	147.5	54.9	53.0	53.0	175.9	176.0	176.0
Greensboro–Winston–Salem–High Point .....	167.6	164.1	165.3	31.6	32.3	32.3	139.2	139.5	139.2
Raleigh–Durham–Chapel Hill .....	86.0	86.4	86.2	23.3	23.1	23.0	117.8	118.2	118.1
<b>North Dakota</b>	21.0	21.4	21.3	18.4	18.2	18.3	80.3	81.7	81.9
Bismarck .....	2.5	2.7	2.6	3.3	3.3	3.2	12.0	12.2	12.2
Fargo–Moorhead .....	7.1	7.2	7.5	5.4	5.5	5.5	25.8	26.4	26.4
Grand Forks .....	3.5	3.3	3.3	2.3	2.4	2.4	13.1	13.4	13.4
<b>Ohio</b>	1,104.3	1,086.6	1,094.2	230.6	232.0	232.4	1,291.4	1,314.6	1,317.5
Akron .....	65.9	63.5	63.8	14.7	14.2	14.4	77.5	78.8	79.3
Canton–Massillon .....	47.2	45.2	46.7	5.6	5.7	5.6	43.7	44.0	44.4
Cincinnati .....	140.5	140.7	142.1	43.1	43.6	44.2	212.6	214.7	215.0
Cleveland–Lorain–Elyria .....	225.2	226.6	227.3	44.7	45.0	44.8	265.2	268.2	268.7
Columbus .....	93.8	91.0	91.5	34.8	35.0	35.0	213.8	212.3	213.2
Dayton–Springfield .....	102.9	98.4	100.1	18.7	18.0	18.1	109.1	110.5	110.8
Hamilton–Middletown .....	21.3	21.5	21.4	4.4	4.4	4.3	29.9	31.2	31.1
Lima .....	20.9	19.7	20.1	2.9	2.9	2.9	18.2	18.3	18.2
Mansfield .....	22.0	22.1	22.0	4.2	4.1	4.1	18.1	18.4	18.1
Steuensville–Weirton .....	14.3	14.4	14.5	3.0	2.9	2.8	10.8	10.9	11.0
Toledo .....	60.4	60.0	60.7	14.6	14.4	14.5	77.8	77.0	77.2
Youngstown–Warren .....	59.4	58.3	58.8	9.6	9.8	9.8	63.8	64.1	64.2
<b>Oklahoma</b>	171.1	172.2	174.2	73.8	76.9	77.2	315.1	323.2	324.1
Enid .....	1.9	2.0	2.0	2.2	2.2	2.2	6.2	6.2	6.3
Lawton .....	3.6	3.6	3.6	1.9	2.0	2.0	9.0	9.0	9.2
Oklahoma City .....	52.1	53.1	54.3	21.5	23.1	23.1	115.3	118.9	119.0
Tulsa .....	53.6	55.1	55.1	27.3	27.5	27.6	84.6	86.3	86.8
<b>Oregon</b>	237.5	237.0	243.7	71.3	73.3	73.4	366.1	377.6	382.3
Eugene–Springfield .....	20.0	19.8	20.7	4.7	4.9	4.9	34.2	34.6	34.8
Medford–Ashland .....	9.3	9.3	9.3	3.1	3.2	3.2	19.0	19.2	19.9
Portland–Vancouver .....	138.2	140.9	142.0	47.8	48.6	48.2	215.9	223.9	225.9
Salem .....	21.9	19.1	22.9	3.5	3.5	3.5	27.9	28.5	28.8
<b>Pennsylvania</b>	943.6	925.7	932.2	266.1	264.4	263.4	1,204.9	1,225.5	1,225.9
Allentown–Bethlehem–Easton .....	60.1	56.8	57.3	14.0	14.2	14.3	53.7	54.2	54.7
Altoona .....	10.4	10.2	10.6	4.2	4.2	4.3	15.1	15.3	15.3
Erie .....	35.5	34.0	33.8	4.5	4.6	4.6	29.3	29.9	30.0
Harrisburg–Lebanon–Carlisle .....	46.5	46.8	46.8	22.1	22.9	22.8	74.7	76.3	76.3
Johnstown .....	13.5	12.9	12.6	4.6	4.5	4.6	20.6	21.1	21.1
Lancaster .....	57.4	55.7	55.7	7.4	7.0	6.9	51.6	53.4	53.7
Philadelphia PMSA .....	307.8	303.0	302.7	101.6	101.2	101.0	486.5	489.3	488.7
Philadelphia City .....	61.4	58.7	59.6	32.9	33.3	33.4	114.0	113.6	114.2
Pittsburgh .....	132.4	133.3	133.4	67.1	65.9	65.9	263.4	265.8	266.0
Reading .....	43.4	43.7	44.6	7.0	7.0	6.8	37.6	37.8	37.9
Scranton–Wilkes–Barre–Hazleton .....	57.0	56.5	57.4	14.8	14.6	14.7	65.9	66.6	65.8
Sharon .....	11.2	11.0	11.0	2.0	2.0	1.9	12.2	12.2	12.1
State College .....	8.5	8.7	8.7	1.9	1.9	1.9	11.7	11.8	11.9
Williamsport .....	13.2	12.5	12.6	1.9	1.9	1.9	12.3	13.1	13.0
York .....	47.2	47.9	47.7	7.0	6.4	6.4	39.6	40.7	40.5

See footnotes at end of table.



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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>New York—Continued</b>									
Buffalo-Niagara Falls .....	28.2	28.2	28.2	155.2	156.6	157.3	82.5	82.1	80.7
Dutchess County .....	4.2	4.3	4.2	31.6	32.6	32.5	20.5	20.8	20.7
Elmira .....	1.3	1.3	1.3	10.0	10.2	10.1	7.1	6.8	6.8
Glens Falls .....	2.0	1.9	1.9	18.1	18.0	18.2	8.6	8.6	8.6
Nassau-Suffolk .....	80.1	79.6	79.8	346.5	356.1	355.7	165.4	167.4	164.0
New York PMSA .....	508.6	508.0	508.1	1,332.8	1,373.4	1,367.8	624.4	611.0	605.9
New York City .....	476.3	475.6	475.9	1,161.8	1,200.9	1,195.3	543.9	530.4	526.8
Newburgh .....	5.8	5.9	5.9	31.8	32.1	32.3	25.1	25.1	24.1
Rochester .....	23.7	23.8	23.7	151.7	154.8	154.0	69.6	70.4	69.1
Rockland County .....	5.0	5.2	5.2	31.3	30.7	30.8	19.8	19.5	18.9
Syracuse .....	18.5	18.5	18.5	93.2	92.9	92.6	55.9	56.5	55.4
Utica-Rome .....	7.9	7.7	7.7	35.4	37.2	36.7	28.5	28.1	27.9
Westchester County .....	26.1	26.0	25.9	133.3	135.5	135.2	56.6	56.9	56.1
<b>North Carolina</b> .....	146.8	154.6	155.1	775.1	797.1	802.7	495.6	504.7	519.7
Asheville .....	3.0	3.1	3.1	30.0	29.2	29.4	12.5	13.1	13.4
Charlotte-Gastonia-Rock Hill .....	46.6	48.1	48.3	167.7	172.4	172.0	75.4	76.5	78.5
Greensboro—Winston-Salem—High Point .....	30.1	31.3	31.5	148.1	149.0	150.4	56.2	55.6	56.6
Raleigh-Durham-Chapel Hill .....	26.3	26.7	26.7	162.6	166.1	166.0	107.3	108.8	110.2
<b>North Dakota</b> .....	13.8	14.2	14.2	82.4	85.3	85.8	67.0	66.5	66.2
Bismarck .....	2.2	2.2	2.3	14.3	14.7	14.9	8.9	9.4	9.2
Fargo-Moorhead .....	5.3	5.4	5.5	26.1	27.3	27.3	12.3	12.8	12.6
Grand Forks .....	1.5	1.5	1.5	13.1	14.0	13.7	11.1	10.4	10.8
<b>Ohio</b> .....	272.6	280.1	279.9	1,410.7	1,441.8	1,442.4	692.3	705.0	699.3
Akron .....	12.4	12.4	12.2	86.8	88.0	87.8	40.0	40.5	40.7
Canton-Massillon .....	5.4	5.2	5.3	47.3	48.3	48.4	17.4	17.9	17.5
Cincinnati .....	50.8	52.5	52.2	226.9	231.2	231.1	95.8	98.2	98.1
Cleveland-Lorain-Elyria .....	70.2	71.4	71.2	322.8	324.3	323.7	133.3	135.3	133.0
Columbus .....	64.9	67.8	67.9	218.6	225.4	225.7	125.5	129.9	129.0
Dayton-Springfield .....	16.7	17.0	17.1	130.4	132.3	133.7	67.2	65.1	66.0
Hamilton-Middletown .....	4.4	4.2	4.2	26.4	27.0	27.0	15.5	15.8	15.7
Lima .....	2.2	2.2	2.2	19.2	19.6	19.7	9.7	9.8	9.7
Mansfield .....	2.9	2.8	2.8	19.1	19.5	19.3	9.8	10.1	10.2
Steuersville-Weirton .....	1.6	1.7	1.7	13.0	13.5	13.6	6.0	5.9	5.9
Toledo .....	10.5	11.0	10.9	90.0	90.6	89.6	39.2	39.9	39.4
Youngstown-Warren .....	9.5	9.6	9.6	62.4	62.9	62.8	26.7	26.9	26.9
<b>Oklahoma</b> .....	66.5	67.4	67.6	348.1	363.9	366.7	255.7	255.7	255.7
Enid .....	1.1	1.0	1.0	6.5	6.5	6.5	4.2	4.2	4.2
Lawton .....	1.8	1.9	1.9	8.2	8.2	8.5	11.8	11.8	12.3
Oklahoma City .....	27.0	27.5	27.6	135.9	144.0	145.7	94.0	91.9	93.2
Tulsa .....	20.0	20.9	20.8	104.7	108.9	109.7	39.4	38.7	39.6
<b>Oregon</b> .....	88.7	91.2	91.5	371.2	396.3	401.9	218.1	216.2	213.9
Eugene-Springfield .....	6.8	7.2	7.2	35.0	35.2	35.4	20.6	22.1	21.1
Medford-Ashland .....	3.0	2.9	3.0	16.8	17.6	17.6	9.2	9.0	9.0
Portland-Vancouver .....	62.6	66.4	67.0	229.6	243.7	245.0	99.0	95.3	92.8
Salem .....	6.5	6.5	6.5	29.5	30.2	30.8	31.4	32.3	32.5
<b>Pennsylvania</b> .....	307.8	314.5	314.5	1,600.7	1,616.6	1,612.2	675.5	683.0	679.8
Allentown-Bethlehem-Easton .....	13.9	13.9	13.6	78.9	81.6	81.1	27.0	28.7	27.7
Altoona .....	1.8	1.9	2.0	15.4	15.3	15.6	7.4	7.4	7.3
Erie .....	5.8	5.8	5.6	35.1	35.4	35.4	13.2	13.7	13.7
Harrisburg-Lebanon-Carlisle .....	23.5	25.2	25.1	87.3	89.8	90.3	68.6	68.6	68.9
Johnstown .....	4.3	4.5	4.6	25.2	25.6	25.5	13.1	13.3	13.4
Lancaster .....	8.9	9.5	9.4	50.0	52.1	52.3	15.6	16.5	16.4
Philadelphia PMSA .....	154.8	157.5	157.5	743.2	753.3	746.9	290.7	294.1	294.5
Philadelphia City .....	56.4	55.7	55.8	266.9	267.9	266.5	127.3	127.0	128.4
Pittsburgh .....	61.1	61.1	61.0	356.1	362.4	359.7	112.7	114.1	110.3
Reading .....	9.0	9.3	9.2	36.3	38.2	38.1	16.5	16.4	16.3
Scranton-Wilkes-Barre-Hazleton .....	13.6	14.4	14.4	74.8	75.9	75.7	32.7	33.0	32.7
Sharon .....	1.6	1.6	1.6	12.5	12.4	12.6	5.0	5.1	4.9
State College .....	1.8	1.6	1.6	13.4	13.4	13.5	22.8	21.3	21.9
Williamsport .....	2.3	2.3	2.3	13.4	14.0	14.1	6.7	6.7	6.6
York .....	5.0	4.9	4.9	37.1	36.1	36.2	13.5	14.9	14.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Rhode Island</b> .....	442.8	436.8	444.0	0.2	0.2	0.2	14.8	15.8	15.1
Providence-Fall River-Warwick .....	494.6	485.6	494.4	.2	.2	.2	16.4	18.4	17.5
<b>South Carolina</b> .....	1,657.1	1,677.2	1,682.8	1.9	1.9	1.9	88.4	90.8	90.7
Charleston-North Charleston .....	209.7	211.4	211.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.9	13.5	13.5
Columbia .....	263.3	268.8	269.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.4	14.2	14.2
Greenville-Spartanburg-Anderson .....	441.0	447.1	449.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	27.2	27.8	27.6
<b>South Dakota</b> .....	348.9	356.8	356.4	2.5	2.4	2.4	16.3	17.1	16.5
Rapid City .....	46.8	46.7	46.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.2	3.3
Sioux Falls .....	97.5	99.4	99.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.3	5.4	5.3
<b>Tennessee</b> .....	2,501.2	2,545.0	2,561.4	4.6	4.6	4.6	112.9	121.7	121.7
Chattanooga .....	215.7	214.6	214.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.8	9.2	9.2
Johnson City-Kingsport-Bristol .....	193.1	191.2	192.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.8	9.7	9.6
Knoxville .....	315.9	311.3	312.9	.5	.5	.5	18.4	18.1	18.1
Memphis .....	528.1	535.5	535.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	23.1	23.9	23.9
Nashville .....	596.1	603.6	605.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	28.5	29.1	28.8
<b>Texas</b> .....	8,045.4	8,265.7	8,285.3	156.2	153.1	153.4	416.5	436.9	436.7
Abilene .....	51.7	52.1	52.2	1.3	1.3	1.3	2.2	2.2	2.2
Amarillo .....	90.8	93.5	94.2	.8	.7	.7	4.5	4.8	4.8
Austin-San Marcos .....	511.5	531.7	533.3	1.0	1.1	1.1	25.1	27.0	26.8
Beaumont-Port Arthur .....	149.4	150.9	151.1	.8	.8	.8	13.0	14.0	13.7
Brazoria .....	71.2	71.4	71.1	1.5	1.4	1.4	8.3	8.6	8.3
Brownsville-Harlingen-San Benito .....	91.5	94.5	95.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.9	3.2	3.2
Bryan-College Station .....	61.0	62.0	62.4	.7	.6	.6	2.6	2.7	2.8
Corpus Christi .....	144.8	147.9	148.2	2.6	2.4	2.4	11.3	11.9	11.9
Dallas .....	1,611.2	1,660.2	1,672.2	12.1	11.5	11.4	69.2	75.0	75.2
El Paso .....	236.7	233.2	234.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.3	9.9	9.9
Ft. Worth-Arlington .....	655.5	676.4	678.9	4.4	4.4	4.4	29.0	31.6	31.7
Galveston-Texas City .....	87.2	87.8	87.8	.9	.9	.9	5.3	5.0	4.9
Houston .....	1,770.9	1,807.8	1,809.7	64.4	65.3	65.3	122.4	124.3	124.2
Killeen-Temple .....	91.6	96.6	96.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.0	4.3	4.3
Laredo .....	55.0	55.0	55.1	2.6	2.7	2.8	2.2	2.1	2.1
Longview-Marshall .....	83.3	84.0	84.0	3.3	3.3	3.3	3.7	3.8	3.8
Lubbock .....	107.3	109.6	110.6	.2	.2	.2	4.2	4.6	4.6
McAllen-Edinburg-Mission .....	119.3	124.0	124.2	1.0	1.1	1.1	5.8	6.3	6.4
Odessa-Midland .....	95.2	97.7	99.0	11.8	12.0	12.1	5.0	5.3	5.3
San Angelo .....	40.9	40.9	40.8	.5	.4	.4	1.9	1.8	1.7
San Antonio .....	621.1	636.6	636.2	1.9	1.9	1.9	32.3	34.1	34.3
Sherman-Denison .....	40.5	40.6	41.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	1.8	1.8
Texarkana .....	49.1	49.8	49.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.5	2.5
Tyler .....	71.4	71.5	71.6	1.3	1.3	1.4	2.4	2.4	2.4
Victoria .....	32.6	33.1	33.2	1.3	1.3	1.3	2.2	2.3	2.3
Waco .....	91.3	93.7	93.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	4.5	4.5
Wichita Falls .....	56.7	57.6	57.8	1.3	1.3	1.3	2.1	2.2	2.2
<b>Utah</b> .....	911.1	954.3	963.8	8.3	7.9	7.9	59.0	65.5	67.6
Provo-Orem .....	122.0	126.8	128.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.0	10.1	10.3
Salt Lake City-Ogden .....	615.3	644.6	649.6	3.2	3.1	3.1	37.8	41.2	42.1
<b>Vermont</b> .....	267.1	270.4	271.6	.6	.7	.7	14.0	14.4	14.7
Barre-Montpelier .....	29.2	28.8	29.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.5	1.5
Burlington .....	92.4	93.2	93.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.1	4.9	5.0
<b>Virginia</b> .....	3,056.5	3,118.5	3,115.9	11.3	10.2	10.2	172.9	178.1	178.3
Bristol .....	37.0	36.4	36.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.7	1.7
Charlottesville .....	73.9	76.7	76.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.1	4.2	4.3
Danville .....	43.8	43.2	43.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.4	2.4
Lynchburg .....	95.1	96.5	96.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.0	5.9	5.9
Norfolk-Virginia Beach-Newport News .....	630.5	632.4	631.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	36.8	38.6	38.8
Northern Virginia .....	928.2	956.0	954.8	.6	.6	.6	52.1	51.9	52.0
Richmond-Petersburg .....	500.9	510.6	509.0	.8	.8	.8	30.0	31.2	31.3
Roanoke .....	133.7	139.1	138.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.7	8.0	8.0
<b>Washington</b> .....	2,355.7	2,404.2	2,416.4	3.5	3.4	3.4	130.9	131.2	134.6
Seattle-Bellevue-Everett .....	1,183.6	1,229.2	1,233.1	.7	.8	.8	62.2	65.5	68.2
Spokane .....	178.2	177.5	177.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.9	10.6	11.0
Tacoma .....	216.5	220.8	222.0	.2	.2	.2	12.7	12.7	12.9

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Rhode Island</b> .....	84.4	75.6	82.4	14.4	14.8	14.8	100.2	100.6	100.9
Providence-Fall River-Warwick .....	106.7	94.9	103.2	16.7	16.4	16.4	117.0	117.4	117.8
<b>South Carolina</b> .....	377.6	366.9	366.9	72.2	73.9	74.4	393.4	405.2	406.8
Charleston-North Charleston .....	20.7	20.9	20.8	11.1	11.4	11.5	54.3	55.8	56.0
Columbia .....	26.6	25.8	25.9	12.0	12.2	12.2	61.0	62.8	63.1
Greenville-Spartanburg-Anderson .....	128.9	126.4	126.6	18.1	19.0	19.2	108.6	110.9	111.7
<b>South Dakota</b> .....	46.9	48.8	49.0	16.0	16.2	16.2	91.2	92.3	93.2
Rapid City .....	4.3	4.1	4.1	2.1	2.1	2.1	14.8	14.7	14.7
Sioux Falls .....	13.1	13.0	12.9	6.1	6.2	6.3	26.1	26.2	26.5
<b>Tennessee</b> .....	540.7	521.7	526.8	137.9	138.1	138.2	594.6	614.3	618.6
Chattanooga .....	45.1	43.2	44.0	8.0	8.0	8.0	50.5	50.9	50.8
Johnson City-Kingsport-Bristol .....	55.6	53.9	54.5	7.5	7.1	7.3	43.9	42.7	42.7
Knoxville .....	49.0	47.9	48.5	13.2	13.1	13.5	82.5	81.4	81.4
Memphis .....	65.0	63.4	63.6	57.5	58.8	58.7	138.3	140.1	140.7
Nashville .....	99.8	99.2	98.7	31.8	31.3	31.3	144.3	147.5	147.9
<b>Texas</b> .....	1,034.0	1,043.6	1,047.4	477.7	487.8	489.7	1,958.8	2,007.1	2,014.4
Abilene .....	3.3	3.0	3.1	2.7	2.7	2.7	13.8	14.3	14.4
Amarillo .....	9.7	9.6	9.6	5.9	6.1	6.0	25.6	26.3	26.4
Austin-San Marcos .....	69.4	72.2	72.0	16.4	17.1	17.3	111.2	118.8	119.5
Beaumont-Port Arthur .....	24.1	23.5	24.0	8.4	8.3	8.4	35.3	36.0	36.0
Brazoria .....	16.4	16.4	16.4	3.1	3.1	3.2	14.0	14.0	13.9
Brownsville-Harlingen-San Benito .....	13.5	13.3	13.7	4.1	4.2	4.2	23.5	24.5	24.6
Bryan-College Station .....	3.6	3.9	3.9	1.4	1.4	1.4	13.9	13.7	13.9
Corpus Christi .....	13.6	13.6	13.7	6.7	6.8	6.8	35.0	35.6	35.7
Dallas .....	230.5	235.5	236.7	104.4	110.1	110.6	407.4	421.5	423.8
El Paso .....	47.5	46.3	47.3	12.7	12.5	12.5	56.5	54.8	55.2
Ft. Worth-Arlington .....	106.2	106.2	106.5	62.7	60.2	60.7	168.6	174.2	175.0
Galveston-Texas City .....	8.1	7.9	7.8	4.5	4.3	4.4	19.2	19.6	19.4
Houston .....	187.6	192.8	192.5	123.6	126.2	126.3	418.4	425.9	427.8
Killeen-Temple .....	10.1	10.5	10.5	3.2	3.4	3.4	22.0	24.0	24.0
Laredo .....	1.7	1.6	1.6	8.1	7.9	7.9	15.7	15.6	15.5
Longview-Marshall .....	17.9	18.0	18.1	4.0	4.0	4.0	21.3	21.5	21.6
Lubbock .....	7.7	7.5	7.5	5.7	6.0	6.0	31.2	32.4	32.8
McAllen-Edinburg-Mission .....	13.1	12.4	12.6	4.2	4.8	4.8	33.6	35.1	35.1
Odessa-Midland .....	6.7	6.9	6.9	4.1	4.2	4.2	26.0	26.6	26.7
San Angelo .....	5.4	5.1	5.2	2.5	2.5	2.5	10.2	9.8	9.7
San Antonio .....	48.9	49.5	49.8	28.9	29.5	29.7	155.7	159.1	158.8
Sherman-Denison .....	10.2	10.3	10.3	1.7	1.6	1.5	9.7	9.3	9.4
Texarkana .....	5.7	5.7	5.7	2.2	2.1	2.1	12.9	13.1	13.2
Tyler .....	12.1	11.0	10.9	3.2	3.3	3.4	18.1	18.3	18.4
Victoria .....	3.0	3.1	3.2	1.4	1.4	1.4	9.1	8.9	9.0
Waco .....	17.0	16.8	16.9	3.7	3.8	3.8	21.2	22.4	22.2
Wichita Falls .....	8.0	7.8	8.1	2.9	2.8	2.8	13.3	13.9	13.9
<b>Utah</b> .....	124.2	130.1	131.6	51.6	53.0	53.5	224.1	233.0	234.6
Provo-Orem .....	17.1	18.2	18.3	2.3	2.3	2.3	28.0	29.3	29.8
Salt Lake City-Ogden .....	78.6	82.3	82.8	39.9	41.6	42.2	152.8	159.0	160.2
<b>Vermont</b> .....	45.6	46.0	46.7	11.7	11.8	11.9	66.4	65.6	66.4
Barre-Montpelier .....	3.4	3.5	3.9	.9	.8	.8	6.7	6.4	6.4
Burlington .....	17.2	18.1	18.1	4.5	5.0	5.0	22.6	22.3	22.4
<b>Virginia</b> .....	400.8	394.6	395.4	157.2	162.4	163.4	704.4	718.4	717.3
Bristol .....	10.6	9.9	9.8	1.3	1.3	1.3	9.8	10.1	10.1
Charlottesville .....	7.8	7.6	7.5	2.3	2.3	2.3	15.3	15.9	15.9
Danville .....	16.5	15.4	15.9	1.1	1.1	1.1	9.3	9.4	9.4
Lynchburg .....	26.6	25.7	25.8	3.7	3.6	3.6	21.1	21.5	21.5
Norfolk-Virginia Beach-Newport News .....	67.2	65.3	65.2	30.6	31.1	31.2	152.2	153.5	152.9
Northern Virginia .....	39.4	38.8	38.9	55.8	59.3	59.8	208.2	211.9	211.1
Richmond-Petersburg .....	60.6	60.9	60.7	26.0	26.0	26.0	120.0	123.0	123.4
Roanoke .....	19.4	19.5	19.3	8.7	8.3	8.2	36.1	36.9	36.9
<b>Washington</b> .....	337.5	342.0	348.4	121.7	122.9	123.7	594.0	597.8	602.1
Seattle-Bellevue-Everett .....	188.6	195.6	198.9	73.8	74.9	75.1	292.4	300.9	302.3
Spokane .....	22.1	22.4	22.5	8.3	8.3	8.4	47.0	47.4	47.4
Tacoma .....	22.8	23.2	23.5	9.9	10.4	10.1	56.9	57.6	58.8

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Rhode Island</b> .....	25.1	24.9	24.9	146.0	148.6	149.2	57.7	56.3	56.5
Providence-Fall River-Warwick .....	26.6	26.4	26.5	151.6	153.1	154.1	59.4	58.8	58.7
<b>South Carolina</b> .....	70.1	72.6	72.9	371.5	386.6	387.7	282.0	279.3	281.5
Charleston-North Charleston .....	8.3	8.4	8.4	55.3	56.6	56.5	47.1	44.8	44.8
Columbia .....	19.4	19.9	19.9	62.8	66.0	65.9	68.1	67.9	67.8
Greenville-Spartanburg-Anderson .....	15.5	15.7	15.7	91.7	96.1	96.6	51.0	51.2	51.9
<b>South Dakota</b> .....	19.2	20.3	20.3	91.0	94.2	93.8	65.8	65.5	65.0
Rapid City .....	1.6	1.7	1.7	14.2	14.3	14.2	6.6	6.6	6.5
Sioux Falls .....	10.0	10.5	10.6	28.2	29.5	29.3	8.7	8.6	8.7
<b>Tennessee</b> .....	111.4	114.1	114.1	643.8	665.3	665.0	355.3	365.2	372.4
Chattanooga .....	13.4	13.9	13.9	56.2	56.0	55.5	33.7	33.4	33.4
Johnson City-Kingsport-Bristol .....	5.7	5.9	5.9	42.5	42.5	42.6	28.1	29.4	29.6
Knoxville .....	11.6	11.8	11.9	87.3	85.2	85.6	53.4	53.3	53.4
Memphis .....	26.8	27.3	27.4	144.4	147.5	147.0	73.0	74.5	74.3
Nashville .....	34.4	35.4	35.5	185.8	190.1	190.7	71.5	71.0	72.8
<b>Texas</b> .....	440.8	448.4	447.8	2,152.6	2,260.3	2,262.9	1,408.8	1,428.5	1,433.0
Abilene .....	2.0	2.0	2.0	17.0	17.1	17.0	9.4	9.5	9.5
Amarillo .....	4.5	4.7	4.7	23.1	25.9	25.8	16.7	15.4	16.2
Austin-San Marcos .....	28.0	29.0	29.0	141.9	146.6	146.7	118.5	119.9	120.9
Beaumont-Port Arthur .....	4.7	4.9	4.9	40.0	39.8	39.8	23.1	23.6	23.5
Brazoria .....	1.8	1.8	1.8	13.3	13.5	13.6	12.8	12.6	12.5
Brownsville-Harlingen-San Benito .....	3.6	3.6	3.6	23.2	24.9	24.7	20.7	20.8	21.8
Bryan-College Station .....	2.5	2.5	2.6	12.9	13.1	13.1	23.4	24.1	24.1
Corpus Christi .....	6.4	6.6	6.6	40.4	41.9	42.0	28.8	29.1	29.1
Dallas .....	131.0	131.7	131.7	470.7	490.0	492.6	185.9	184.9	190.2
El Paso .....	8.6	8.8	8.8	51.9	52.0	52.3	49.2	48.9	48.7
Ft. Worth-Arlington .....	29.1	30.4	30.6	173.1	185.5	184.9	82.4	83.9	85.1
Galveston-Texas City .....	5.3	5.3	5.3	18.3	18.1	18.0	25.6	26.7	27.1
Houston .....	95.6	95.7	95.2	524.4	542.2	542.4	234.5	235.4	236.0
Killeen-Temple .....	3.8	4.0	3.9	23.8	24.6	24.6	24.7	25.8	25.5
Laredo .....	2.1	2.1	2.1	9.7	9.7	9.7	12.9	13.3	13.4
Longview-Marshall .....	2.9	2.9	2.9	19.6	19.9	19.7	10.6	10.6	10.6
Lubbock .....	4.8	5.1	5.1	31.2	31.5	31.9	22.3	22.3	22.5
McAllen-Edinburg-Mission .....	4.2	4.5	4.4	25.8	27.1	27.1	31.6	32.7	32.7
Odessa-Midland .....	3.5	3.5	3.5	22.4	23.6	23.5	15.7	15.6	16.8
San Angelo .....	1.7	1.7	1.7	10.6	11.4	11.3	8.1	8.2	8.3
San Antonio .....	43.4	44.1	44.0	185.2	193.1	191.6	124.8	125.3	126.1
Sherman-Denison .....	2.1	2.0	2.0	10.0	10.6	11.1	5.0	5.0	5.2
Texarkana .....	1.8	1.8	1.8	13.2	13.4	13.3	11.0	11.2	11.2
Tyler .....	3.6	3.7	3.7	20.3	20.9	20.9	10.4	10.6	10.5
Victoria .....	1.6	1.6	1.6	8.6	8.9	8.8	5.4	5.6	5.6
Waco .....	5.6	5.8	5.8	25.3	26.3	26.2	14.1	14.1	14.4
Wichita Falls .....	2.2	2.2	2.2	14.9	15.4	15.4	12.0	12.0	11.9
<b>Utah</b> .....	48.3	51.1	51.4	244.0	257.8	261.0	151.6	155.9	156.2
Provo-Orem .....	3.3	3.5	3.5	46.0	48.1	48.9	15.3	15.3	15.8
Salt Lake City-Ogden .....	40.2	42.0	42.3	162.9	173.1	175.6	99.9	102.3	101.3
<b>Vermont</b> .....	12.2	12.5	12.6	79.1	81.9	81.4	37.5	37.5	37.2
Barre-Montpelier .....	2.5	2.5	2.4	8.0	8.1	8.1	6.0	6.0	6.0
Burlington .....	4.7	4.6	4.6	26.9	26.8	26.6	11.4	11.5	11.5
<b>Virginia</b> .....	162.4	163.9	163.9	884.6	918.5	922.6	562.9	572.4	564.8
Bristol .....	1.2	1.2	1.2	7.5	7.3	7.3	5.1	4.9	4.9
Charlottesville .....	4.0	4.2	4.1	19.2	19.4	19.5	21.2	23.1	22.6
Danville .....	1.4	1.5	1.5	8.2	8.4	8.3	5.0	5.0	5.0
Lynchburg .....	4.1	4.6	4.5	22.4	22.8	22.9	11.2	12.4	12.3
Norfolk-Virginia Beach-Newport News .....	28.7	29.3	29.0	184.4	185.4	185.8	130.6	129.2	128.8
Northern Virginia .....	54.5	54.7	54.9	348.9	368.7	369.3	168.7	170.1	168.2
Richmond-Petersburg .....	42.7	42.7	42.8	127.7	130.9	131.0	93.1	95.1	93.0
Roanoke .....	9.5	9.7	9.7	38.4	39.9	40.0	13.9	16.8	16.5
<b>Washington</b> .....	122.8	125.4	126.0	633.0	654.5	660.8	412.3	427.0	417.4
Seattle-Bellevue-Everett .....	74.0	75.8	76.5	333.5	348.9	350.3	158.4	166.8	161.0
Spokane .....	10.3	10.2	10.2	53.5	52.1	52.2	26.1	26.5	26.2
Tacoma .....	11.1	11.5	11.6	58.1	59.9	60.5	44.8	45.3	44.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>West Virginia</b> .....	691.3	705.4	699.8	27.3	25.8	25.4	35.5	36.6	36.5
Charleston .....	127.4	129.9	129.3	1.8	1.8	2.0	7.0	8.3	8.4
Huntington-Ashland .....	117.7	120.9	120.4	1.4	1.7	1.8	6.4	7.2	7.3
Parkersburg-Marietta .....	67.8	68.6	67.5	.3	.3	.3	4.4	4.8	4.5
Wheeling .....	62.7	63.7	63.4	1.4	1.4	1.4	2.5	2.5	2.6
<b>Wisconsin</b> .....	2,572.9	2,598.2	2,604.2	2.7	2.6	2.7	111.1	117.6	118.6
Appleton-Oshkosh-Neenah .....	188.5	191.7	191.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.1	10.9	11.2
Eau Claire .....	65.3	66.4	66.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.3	3.2	3.2
Green Bay .....	129.7	132.3	132.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.2	7.7	7.7
Janesville-Beloit .....	68.6	70.6	70.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.8	3.7
Kenosha .....	48.0	47.3	48.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.5	2.5
La Crosse .....	65.2	64.9	65.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.9	3.0	3.1
Madison .....	255.0	262.4	262.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.5	13.8	13.8
Milwaukee-Waukesha .....	802.2	810.8	811.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	30.1	30.1	30.7
Racine .....	80.5	81.0	82.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.1	3.2
Sheboygan .....	59.3	62.3	61.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.5	2.7	2.7
Wausau .....	61.9	63.1	63.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.5	2.6	2.7
<b>Wyoming</b> .....	226.2	225.0	227.4	17.3	17.1	17.1	16.0	15.8	16.1
Casper .....	30.4	29.3	29.6	2.1	1.8	1.8	2.0	1.8	1.8
<b>Puerto Rico</b> .....	934.7	1,010.9	910.5	1.0	1.0	1.0	47.9	48.8	49.6
Caguas .....	60.7	67.1	60.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	3.2	3.2
Mayaguez .....	68.8	74.7	67.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	4.3	4.3
Ponce .....	75.7	83.1	69.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.1	3.8	3.8
San Juan-Bayamon .....	577.7	611.4	571.1	.5	.5	.6	34.5	35.1	36.3
<b>Virgin Islands</b> .....	42.3	41.0	40.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.7	1.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>West Virginia</b> .....	82.7	81.8	81.6	40.5	39.7	39.6	160.4	163.9	164.8
Charleston .....	9.8	9.9	9.9	9.2	9.2	9.3	31.6	31.9	32.2
Huntington-Ashland .....	18.4	18.1	18.1	7.1	6.9	6.9	30.8	31.3	31.2
Parkersburg-Marietta .....	13.3	13.4	13.2	2.9	3.2	3.2	17.2	17.3	16.8
Wheeling .....	6.7	6.4	6.4	3.3	3.1	3.0	15.5	15.7	15.7
<b>Wisconsin</b> .....	613.8	607.7	610.9	117.2	117.0	117.2	597.9	601.2	603.6
Appleton-Oshkosh-Neenah .....	60.5	60.0	59.5	7.1	7.7	7.7	40.0	40.9	41.4
Eau Claire .....	11.5	11.7	11.7	3.5	3.3	3.4	18.0	18.0	18.3
Green Bay .....	29.2	28.9	28.8	8.9	9.2	9.2	30.4	31.0	31.2
Janesville-Beloit .....	21.5	22.2	22.2	2.3	2.4	2.4	16.6	17.2	17.2
Kenosha .....	10.8	10.0	10.9	1.8	1.7	1.7	14.2	13.7	13.9
La Crosse .....	11.2	10.8	11.3	3.0	3.0	3.0	19.6	19.6	19.7
Madison .....	28.6	28.6	28.8	8.1	8.3	8.3	57.9	59.6	59.9
Milwaukee-Waukesha .....	177.2	176.4	176.3	37.8	37.0	37.0	177.7	179.1	179.2
Racine .....	25.2	24.4	24.9	3.0	3.3	3.4	16.6	17.1	17.2
Sheboygan .....	25.4	26.3	26.1	1.9	1.9	1.9	10.8	10.7	10.8
Wausau .....	17.8	18.4	18.4	3.6	3.6	3.6	15.3	15.7	15.8
<b>Wyoming</b> .....	9.9	10.0	9.9	13.8	13.7	13.7	55.3	56.0	56.1
Casper .....	1.6	1.7	1.6	1.5	1.5	1.6	8.8	8.6	8.6
<b>Puerto Rico</b> .....	151.9	149.3	148.0	22.5	21.9	21.2	179.7	176.7	179.7
Caguas .....	14.6	14.7	14.7	.7	.7	.7	12.9	14.0	13.9
Mayaguez .....	18.8	19.3	18.5	.5	.5	.5	11.1	11.0	11.1
Ponce .....	11.2	10.8	11.0	2.1	1.5	1.5	13.7	13.2	13.5
San Juan-Bayamon .....	69.6	67.9	67.9	17.2	17.8	17.3	117.4	114.0	116.5
<b>Virgin Islands</b> .....	2.4	2.4	2.4	2.5	2.3	2.3	10.1	8.9	8.8

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>West Virginia</b> .....	27.1	27.8	27.7	185.0	191.0	191.4	132.8	138.8	132.8
Charleston .....	7.0	7.3	7.3	37.5	37.9	37.9	23.5	23.6	22.3
Huntington-Ashland .....	3.8	3.6	3.6	31.2	32.4	32.1	18.6	19.7	19.4
Parkersburg-Marietta .....	2.4	2.6	2.6	17.3	17.0	16.9	10.0	10.0	10.0
Wheeling .....	2.9	2.9	2.9	20.6	21.7	21.7	9.8	10.0	9.7
<b>Wisconsin</b> .....	137.3	138.6	138.8	643.1	653.7	656.9	349.7	359.7	355.5
Appleton-Oshkosh-Neenah .....	9.6	9.9	9.9	41.4	41.7	41.8	19.8	20.7	20.4
Eau Claire .....	2.5	2.6	2.6	16.3	16.7	16.7	10.2	10.9	10.4
Green Bay .....	9.6	9.7	9.8	29.9	30.7	30.9	14.4	15.1	15.0
Janesville-Beloit .....	2.0	2.1	2.1	15.4	15.0	15.1	7.6	8.0	8.0
Kenosha .....	1.6	1.5	1.5	10.6	10.7	10.7	6.5	7.1	7.2
La Crosse .....	2.4	2.3	2.4	18.0	17.8	17.7	8.3	8.3	8.2
Madison .....	21.0	21.3	21.3	61.6	62.7	62.7	65.2	68.1	67.7
Milwaukee-Waukesha .....	56.8	57.9	58.0	240.4	245.2	246.6	82.2	85.1	83.9
Racine .....	2.3	2.2	2.2	20.9	21.4	21.9	9.3	9.5	9.4
Sheboygan .....	2.0	1.8	1.8	10.8	12.6	12.5	5.8	6.2	6.2
Wausau .....	4.5	4.5	4.6	11.8	11.7	11.6	6.4	6.4	6.5
<b>Wyoming</b> .....	8.1	8.1	8.1	53.8	54.0	53.7	52.0	50.3	52.7
Casper .....	1.2	1.1	1.1	8.3	8.1	8.1	4.9	4.7	5.0
<b>Puerto Rico</b> .....	42.8	43.1	42.8	164.9	167.7	168.2	324.0	402.4	300.0
Caguas .....	1.7	1.6	1.6	10.2	10.4	10.5	17.9	22.5	15.7
Mayaguez .....	2.1	2.3	2.4	11.1	10.3	10.6	21.7	27.0	20.5
Ponce .....	2.2	2.2	2.2	14.4	14.7	14.3	28.0	36.9	22.9
San Juan-Bayamon .....	33.4	33.5	33.3	112.9	117.5	116.9	192.2	225.1	182.3
<b>Virgin Islands</b> .....	1.8	1.7	1.7	10.5	9.2	9.1	13.8	14.8	14.7

<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 1995 benchmarks.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>P</sup>	Sept. 1996 <sup>P</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>P</sup>	Sept. 1996 <sup>P</sup>
<b>Total private</b> .....		34.8	34.6	34.6	34.8	34.9	-	-	-	-	-
<b>Goods-producing</b> .....		41.2	41.6	40.8	41.4	41.7	-	-	-	-	-
<b>Mining</b> .....		44.7	45.4	44.8	45.2	45.8	-	-	-	-	-
Metal mining .....	10	43.4	44.6	43.6	43.1	-	-	-	-	-	-
Iron ores .....	101	44.1	45.5	43.4	44.1	-	-	-	-	-	-
Copper ores .....	102	44.8	46.5	46.1	44.5	-	-	-	-	-	-
Coal mining .....	12	44.8	45.8	43.6	45.0	-	-	-	-	-	-
Bituminous coal and lignite mining .....	122	45.1	46.0	43.7	45.0	-	-	-	-	-	-
Oil and gas extraction .....	13	43.7	44.3	44.0	44.5	-	-	-	-	-	-
Crude petroleum and natural gas .....	131	41.3	41.8	41.0	40.6	-	-	-	-	-	-
Oil and gas field services .....	138	45.3	45.8	45.7	46.6	-	-	-	-	-	-
Nonmetallic minerals, except fuels .....	14	47.9	48.6	48.5	48.2	-	-	-	-	-	-
Crushed and broken stone .....	142	49.4	49.7	49.7	49.3	-	-	-	-	-	-
<b>Construction</b> .....		39.8	39.9	39.8	39.8	39.7	-	-	-	-	-
General building contractors .....	15	38.8	38.9	38.6	38.6	-	-	-	-	-	-
Residential building construction .....	152	37.3	37.4	37.0	37.2	-	-	-	-	-	-
Operative builders .....	153	38.8	39.5	40.4	40.5	-	-	-	-	-	-
Nonresidential building construction .....	154	40.3	40.3	40.0	40.0	-	-	-	-	-	-
Heavy construction, except building .....	16	44.1	44.4	44.3	44.2	-	-	-	-	-	-
Highway and street construction .....	161	46.0	46.5	46.6	46.8	-	-	-	-	-	-
Heavy construction, except highway .....	162	43.2	43.4	43.1	42.9	-	-	-	-	-	-
Special trade contractors .....	17	39.0	39.1	39.1	39.1	-	-	-	-	-	-
Plumbing, heating, and air conditioning .....	171	40.0	39.8	40.2	39.8	-	-	-	-	-	-
Painting and paper hanging .....	172	37.6	36.5	37.1	37.6	-	-	-	-	-	-
Electrical work .....	173	40.3	40.4	40.2	40.6	-	-	-	-	-	-
Masonry, stonework, and plastering .....	174	36.5	36.4	36.5	36.2	-	-	-	-	-	-
Carpentry and floor work .....	175	37.3	36.8	35.7	36.0	-	-	-	-	-	-
Roofing, siding, and sheet metal work .....	176	36.0	36.4	36.6	37.0	-	-	-	-	-	-
<b>Manufacturing</b> .....		41.5	42.0	41.1	41.8	42.3	4.5	4.8	4.3	4.7	5.1
<b>Durable goods</b> .....		42.3	42.8	41.7	42.5	43.0	4.7	5.1	4.4	5.0	5.3
Lumber and wood products .....	24	41.1	41.1	40.7	41.4	41.7	4.5	4.6	4.3	4.5	-
Logging .....	241	41.9	41.4	41.7	42.3	-	6.5	6.6	5.3	6.0	-
Sawmills and planing mills .....	242	41.9	41.9	41.2	42.3	-	4.9	4.9	5.0	5.2	-
Sawmills and planing mills, general .....	2421	42.5	42.6	41.7	42.7	-	5.4	5.5	5.4	5.7	-
Hardwood dimension and flooring mills .....	2426	39.9	39.2	39.5	40.5	-	3.1	2.9	3.3	3.5	-
Millwork, plywood, and structural members .....	243	40.9	41.1	40.5	41.5	-	4.2	4.2	4.2	4.5	-
Millwork .....	2431	40.7	40.9	41.0	41.7	-	3.4	3.6	3.7	4.0	-
Wood kitchen cabinets .....	2434	39.7	39.7	38.9	39.6	-	3.5	3.2	3.7	3.9	-
Hardwood veneer and plywood .....	2435	41.2	41.8	38.9	42.0	-	4.4	5.0	4.4	4.9	-
Softwood veneer and plywood .....	2436	43.3	42.8	42.4	44.0	-	6.2	6.2	5.7	5.8	-
Wood containers .....	244	38.7	39.3	38.8	39.1	-	3.2	3.7	3.4	3.4	-
Wood buildings and mobile homes .....	245	41.3	40.9	40.4	40.2	-	4.2	4.2	3.9	3.4	-
Mobile homes .....	2451	41.4	40.9	40.8	40.1	-	4.3	4.4	4.0	3.2	-
Miscellaneous wood products .....	249	40.1	40.8	40.4	41.1	-	3.4	3.8	3.5	3.5	-
Furniture and fixtures .....	25	40.1	40.1	39.2	40.1	40.4	3.3	3.5	3.1	3.5	-
Household furniture .....	251	38.9	39.4	37.7	39.1	-	2.5	3.0	2.2	2.6	-
Wood household furniture .....	2511	39.1	39.6	37.8	39.7	-	2.5	3.0	2.2	2.8	-
Upholstered household furniture .....	2512	38.5	39.0	36.5	37.3	-	2.2	2.8	1.4	1.7	-
Metal household furniture .....	2514	39.9	40.0	40.6	41.0	-	2.2	3.1	3.9	3.9	-
Mattresses and bedsprings .....	2515	39.3	39.9	39.1	40.3	-	3.4	3.6	3.8	3.9	-
Office furniture .....	252	40.5	38.8	40.1	40.3	-	3.7	3.5	3.7	3.7	-
Public building and related furniture .....	253	43.5	42.4	42.3	42.2	-	5.3	4.7	5.6	5.9	-
Partitions and fixtures .....	254	42.1	42.4	42.3	42.6	-	4.7	5.1	4.5	5.1	-
Miscellaneous furniture and fixtures .....	259	40.0	40.4	39.5	39.7	-	2.9	3.1	3.5	3.6	-

See footnotes at end of table.



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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>
<b>Total private</b> .....		\$11.37	\$11.55	\$11.74	\$11.76	\$11.96	\$395.68	\$399.63	\$406.20	\$409.25	\$417.40
<b>Goods-producing</b> .....		13.10	13.22	13.54	13.55	13.67	539.72	549.95	552.43	560.97	570.04
<b>Mining</b> .....		15.29	15.35	15.53	15.51	15.82	683.46	696.89	695.74	701.05	724.56
Metal mining .....	10	16.85	16.90	17.31	17.43	-	731.29	753.74	754.72	751.23	-
Iron ores .....	101	18.03	18.76	18.47	18.58	-	795.12	853.58	801.60	819.38	-
Copper ores .....	102	15.40	14.90	15.69	15.83	-	689.92	692.85	723.31	704.44	-
Coal mining .....	12	18.47	18.50	18.61	18.58	-	827.46	847.30	811.40	836.10	-
Bituminous coal and lignite mining .....	122	18.70	18.73	18.88	18.86	-	843.37	861.58	825.06	848.70	-
Oil and gas extraction .....	13	14.48	14.49	14.74	14.66	-	632.78	641.91	648.56	652.37	-
Crude petroleum and natural gas .....	131	18.73	18.82	19.17	18.98	-	773.55	786.68	785.97	770.59	-
Oil and gas field services .....	138	12.13	12.11	12.47	12.56	-	549.49	554.64	569.88	585.30	-
Nonmetallic minerals, except fuels .....	14	13.55	13.70	13.96	14.01	-	649.05	665.82	677.06	675.28	-
Crushed and broken stone .....	142	12.88	13.01	13.27	13.39	-	636.27	646.60	659.52	660.13	-
<b>Construction</b> .....		15.20	15.34	15.48	15.55	15.74	604.96	612.07	616.10	618.89	624.88
General building contractors .....	15	14.31	14.50	14.55	14.56	-	555.23	564.05	561.63	562.02	-
Residential building construction .....	152	13.15	13.37	13.10	13.16	-	490.50	500.04	484.70	489.55	-
Operative builders .....	153	13.84	14.21	13.79	13.86	-	536.99	561.30	557.12	561.33	-
Nonresidential building construction .....	154	15.35	15.50	15.89	15.85	-	618.61	624.65	635.60	634.00	-
Heavy construction, except building .....	16	14.94	15.12	15.45	15.51	-	658.85	671.33	684.44	685.54	-
Highway and street construction .....	161	15.27	15.51	15.92	15.99	-	702.42	721.22	741.87	748.33	-
Heavy construction, except highway .....	162	14.76	14.93	15.19	15.24	-	637.63	647.96	654.69	653.80	-
Special trade contractors .....	17	15.57	15.68	15.79	15.88	-	607.23	613.09	617.39	620.91	-
Plumbing, heating, and air conditioning .....	171	15.86	15.95	16.13	16.12	-	634.40	634.81	648.43	641.58	-
Painting and paper hanging .....	172	14.16	14.41	14.05	14.20	-	532.42	525.97	521.26	533.92	-
Electrical work .....	173	16.87	17.03	17.19	17.24	-	679.86	688.01	691.04	699.94	-
Masonry, stonework, and plastering .....	174	15.55	15.58	15.73	15.88	-	567.58	567.11	574.15	574.86	-
Carpentry and floor work .....	175	15.13	15.11	15.35	15.61	-	564.35	556.05	548.00	561.96	-
Roofing, siding, and sheet metal work .....	176	13.58	13.46	13.62	13.70	-	488.88	489.94	498.49	506.90	-
<b>Manufacturing</b> .....		12.35	12.47	12.79	12.79	12.90	512.53	523.74	525.67	534.62	545.67
<b>Durable goods</b> .....		12.92	13.05	13.35	13.38	13.52	546.52	558.54	556.70	568.65	581.36
Lumber and wood products .....	24	10.20	10.28	10.47	10.50	10.56	419.22	422.51	426.13	434.70	440.35
Logging .....	241	11.77	12.01	11.73	11.99	-	493.16	497.21	489.14	507.18	-
Sawmills and planing mills .....	242	10.38	10.45	10.60	10.54	-	434.92	437.86	436.72	445.84	-
Sawmills and planing mills, general .....	2421	10.74	10.81	10.93	10.88	-	456.45	460.51	455.78	464.58	-
Hardwood dimension and flooring mills .....	2426	8.90	8.95	9.25	9.16	-	355.11	350.84	365.38	370.98	-
Millwork, plywood, and structural members .....	243	10.18	10.24	10.54	10.57	-	416.36	420.86	426.87	438.66	-
Millwork .....	2431	10.41	10.46	10.70	10.71	-	423.69	427.81	438.70	446.61	-
Wood kitchen cabinets .....	2434	9.54	9.61	10.10	10.17	-	378.74	381.52	392.89	402.73	-
Hardwood veneer and plywood .....	2435	8.90	8.99	9.32	9.21	-	366.68	375.78	362.55	386.82	-
Softwood veneer and plywood .....	2436	12.39	12.43	12.82	12.85	-	536.49	532.00	543.57	565.40	-
Wood containers .....	244	7.67	7.77	7.98	8.08	-	296.83	305.36	309.62	315.93	-
Wood buildings and mobile homes .....	245	10.22	10.22	10.70	10.80	-	422.09	418.00	432.28	434.16	-
Mobile homes .....	2451	10.36	10.36	10.90	11.03	-	428.90	423.72	444.72	442.30	-
Miscellaneous wood products .....	249	9.67	9.79	9.93	9.86	-	387.77	399.43	401.17	405.25	-
Furniture and fixtures .....	25	9.89	9.95	10.13	10.17	10.23	396.59	399.00	397.10	407.82	413.29
Household furniture .....	251	9.35	9.42	9.61	9.61	-	363.72	371.15	362.30	375.75	-
Wood household furniture .....	2511	8.82	8.93	9.22	9.16	-	344.86	353.63	348.52	363.65	-
Upholstered household furniture .....	2512	10.12	10.12	10.20	10.30	-	389.62	394.68	372.30	384.19	-
Metal household furniture .....	2514	9.07	9.10	9.24	9.22	-	361.89	364.00	375.14	378.02	-
Mattresses and bedsprings .....	2515	9.93	10.07	10.37	10.37	-	390.25	401.79	405.47	417.91	-
Office furniture .....	252	10.59	10.59	11.09	11.01	-	428.90	410.89	444.71	443.70	-
Public building and related furniture .....	253	10.08	10.34	10.18	10.72	-	438.48	438.42	430.61	452.38	-
Partitions and fixtures .....	254	11.00	11.02	11.07	11.14	-	463.10	467.25	468.26	474.56	-
Miscellaneous furniture and fixtures .....	259	9.98	10.10	10.26	10.37	-	399.20	408.04	405.27	411.69	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>
<b>Durable goods—Continued</b>											
Stone, clay, and glass products .....	32	43.7	44.0	43.5	44.1	44.4	6.1	6.4	6.3	6.6	-
Flat glass .....	321	46.5	45.5	44.4	47.2	-	7.9	7.6	7.3	9.4	-
Glass and glassware, pressed or blown .....	322	42.8	42.8	42.1	42.9	-	4.5	5.5	4.7	5.1	-
Glass containers .....	3221	43.6	44.5	43.8	44.4	-	5.7	5.6	6.1	6.2	-
Pressed and blown glass, nec .....	3229	42.1	41.5	40.8	41.7	-	3.6	5.4	3.7	4.2	-
Products of purchased glass .....	323	41.4	42.7	40.3	42.1	-	3.9	5.1	3.7	4.4	-
Cement, hydraulic .....	324	43.7	43.5	44.1	43.5	-	4.9	4.6	5.1	4.7	-
Structural clay products .....	325	41.5	41.5	41.1	41.6	-	4.4	4.3	4.4	4.8	-
Pottery and related products .....	326	40.3	41.4	40.8	41.4	-	4.1	4.5	4.4	4.7	-
Concrete, gypsum, and plaster products .....	327	46.2	46.3	46.1	46.4	-	8.7	8.7	8.7	9.0	-
Concrete block and brick .....	3271	46.3	47.0	47.3	47.3	-	8.2	8.3	9.0	9.1	-
Concrete products, nec .....	3272	45.0	45.2	44.0	44.6	-	7.3	7.2	6.6	7.4	-
Ready-mixed concrete .....	3273	46.6	46.6	46.9	47.1	-	9.5	9.6	9.9	9.9	-
Misc. nonmetallic mineral products .....	329	42.5	42.7	42.5	42.4	-	4.5	4.7	5.2	5.3	-
Abrasive products .....	3291	41.0	40.7	42.3	42.5	-	2.4	2.6	4.4	4.1	-
Asbestos products .....	3292	42.2	42.7	46.4	45.5	-	5.0	6.0	5.3	5.6	-
Primary metal industries .....	33	43.4	43.8	43.6	44.0	44.8	6.0	6.3	6.1	6.5	-
Blast furnaces and basic steel products .....	331	43.8	44.2	44.4	44.0	44.4	6.3	6.5	6.5	6.5	-
Blast furnaces and steel mills .....	3312	44.0	44.4	44.9	44.2	-	6.7	6.8	6.7	6.8	-
Steel pipe and tubes .....	3317	44.1	44.2	41.7	43.1	-	5.8	6.2	5.9	6.1	-
Iron and steel foundries .....	332	43.6	44.3	43.2	44.8	-	6.4	6.5	5.6	6.6	-
Gray and ductile iron foundries .....	3321	44.4	44.9	43.6	45.7	-	6.9	7.2	6.1	7.4	-
Malleable iron foundries .....	3322	46.5	44.1	47.7	48.0	-	7.3	6.4	7.3	7.5	-
Steel foundries, nec .....	3325	41.7	43.6	41.7	42.0	-	5.6	5.4	4.9	5.0	-
Primary nonferrous metals .....	333	42.7	42.6	42.4	42.5	-	5.6	5.9	5.3	5.3	-
Primary aluminum .....	3334	42.5	41.7	42.3	42.8	-	5.6	5.7	5.3	5.4	-
Nonferrous rolling and drawing .....	335	44.1	44.5	44.5	44.8	-	6.4	6.8	7.1	7.6	-
Copper rolling and drawing .....	3351	43.9	44.7	45.7	44.7	-	7.0	7.0	8.8	8.1	-
Aluminum sheet, plate, and foil .....	3353	46.8	46.0	46.3	45.0	-	7.3	7.6	7.9	8.5	-
Nonferrous wire drawing and insulating .....	3357	43.6	43.7	42.7	44.2	-	6.1	6.2	5.6	7.0	-
Nonferrous foundries (castings) .....	336	41.4	42.4	41.2	42.9	-	4.1	4.8	4.4	5.2	-
Aluminum foundries .....	3365	41.6	42.5	42.7	42.7	-	4.7	5.3	5.4	5.6	-
Fabricated metal products .....	34	42.2	42.9	41.6	42.5	43.0	4.7	5.2	4.4	5.0	-
Metal cans and shipping containers .....	341	42.4	42.9	42.3	43.3	-	6.2	6.5	6.4	7.1	-
Metal cans .....	3411	42.4	43.0	42.7	43.6	-	5.9	6.4	6.6	7.0	-
Cutlery, handtools, and hardware .....	342	41.6	42.8	40.8	42.7	-	3.8	4.6	3.5	4.6	-
Hand and edge tools, and blades and handsaws .....	3423,5	42.1	43.2	41.5	42.6	-	4.1	5.0	3.4	4.1	-
Hardware, nec .....	3429	40.9	42.3	40.1	42.6	-	3.4	4.3	3.5	4.9	-
Plumbing and heating, except electric .....	343	41.0	42.2	39.7	42.4	-	3.5	4.5	3.6	4.9	-
Plumbing fixture fittings and trim .....	3432	40.7	42.6	41.4	42.4	-	3.0	4.1	3.5	4.2	-
Heating equipment, except electric .....	3433	41.9	42.1	39.1	42.6	-	4.0	4.6	3.3	5.7	-
Fabricated structural metal products .....	344	42.4	42.9	42.1	42.5	-	5.1	5.3	4.9	5.1	-
Fabricated structural metal .....	3441	43.9	44.2	43.5	43.3	-	6.3	6.6	6.1	6.1	-
Metal doors, sash, and trim .....	3442	41.4	41.6	41.7	42.2	-	3.8	3.9	4.3	4.4	-
Fabricated plate work (boiler shops) .....	3443	43.4	44.2	42.3	42.8	-	5.8	6.1	4.8	5.2	-
Sheet metal work .....	3444	41.4	42.0	41.3	41.8	-	4.1	4.5	4.2	4.6	-
Architectural metal work .....	3446	41.7	41.6	41.2	42.0	-	4.2	4.1	4.6	4.6	-
Screw machine products, bolts, etc .....	345	42.4	43.3	42.0	43.2	-	5.0	5.5	4.8	5.3	-
Screw machine products .....	3451	41.8	42.7	41.1	42.0	-	4.8	5.2	4.0	4.4	-
Bolts, nuts, rivets, and washers .....	3452	43.0	44.1	43.1	44.5	-	5.2	5.9	5.7	6.3	-
Metal forgings and stampings .....	346	43.7	44.4	41.7	43.4	-	5.4	6.1	4.4	5.5	-
Iron and steel forgings .....	3462	41.7	43.5	42.1	43.0	-	4.7	5.1	5.0	5.8	-
Automotive stampings .....	3465	45.3	46.0	42.2	44.6	-	6.3	7.4	4.4	6.1	-
Metal stampings, nec .....	3469	41.9	42.5	40.5	41.4	-	4.1	4.5	3.7	4.2	-
Metal services, nec .....	347	40.5	41.1	41.1	41.5	-	4.1	4.4	4.5	4.7	-
Plating and polishing .....	3471	40.2	40.6	40.6	41.2	-	3.7	4.0	4.1	4.4	-
Metal coating and allied services .....	3479	41.1	42.0	41.8	42.0	-	4.8	5.0	5.0	5.2	-
Ordnance and accessories, nec .....	348	42.0	41.9	41.3	41.2	-	3.8	3.8	3.6	3.6	-
Ammunition, except for small arms, nec .....	3483	42.0	42.3	41.7	42.4	-	3.3	3.9	3.3	3.7	-
Misc. fabricated metal products .....	349	41.8	42.6	41.3	41.9	-	4.3	4.5	3.9	4.2	-
Valves and pipe fittings, nec .....	3494	41.8	43.0	40.7	42.4	-	4.5	4.9	3.8	4.5	-
Misc. fabricated wire products .....	3496	40.9	41.4	40.4	40.7	-	3.5	3.6	3.7	3.7	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>
<b>Durable goods—Continued</b>											
Stone, clay, and glass products .....	32	\$12.47	\$12.54	\$12.93	\$12.91	\$13.05	\$544.94	\$551.76	\$562.46	\$569.33	\$579.42
Flat glass .....	321	18.01	17.92	19.46	18.61	-	837.47	815.36	864.02	878.39	-
Glass and glassware, pressed or blown .....	322	14.03	14.33	14.65	14.60	-	600.48	613.32	616.77	626.34	-
Glass containers .....	3221	14.55	14.52	15.38	15.36	-	634.38	646.14	673.64	681.98	-
Pressed and blown glass, nec .....	3229	13.59	14.17	14.04	13.99	-	572.14	588.06	572.83	583.38	-
Products of purchased glass .....	323	10.92	10.95	11.25	11.40	-	452.09	467.57	453.38	479.94	-
Cement, hydraulic .....	324	16.18	16.39	16.73	16.71	-	707.07	712.97	737.79	726.89	-
Structural clay products .....	325	10.98	11.00	11.52	11.41	-	455.67	456.50	473.47	474.66	-
Pottery and related products .....	326	10.69	10.77	10.92	11.08	-	430.81	445.88	445.54	458.71	-
Concrete, gypsum, and plaster products .....	327	12.08	12.15	12.49	12.51	-	558.10	562.55	575.79	580.46	-
Concrete block and brick .....	3271	11.28	11.37	11.87	11.94	-	522.26	534.39	561.45	564.76	-
Concrete products, nec .....	3272	10.83	10.83	11.00	11.10	-	487.35	489.52	484.00	495.06	-
Ready-mixed concrete .....	3273	12.84	12.95	13.28	13.27	-	598.34	603.47	622.83	625.02	-
Misc. nonmetallic mineral products .....	329	12.90	12.92	13.47	13.36	-	548.25	551.68	572.48	566.46	-
Abrasive products .....	3291	11.21	11.38	11.60	11.46	-	459.61	463.17	490.68	487.05	-
Asbestos products .....	3292	16.00	15.64	15.93	15.61	-	675.20	667.83	739.15	710.26	-
Primary metal industries .....	33	14.63	14.71	15.09	15.01	15.16	634.94	644.30	657.92	660.44	679.17
Blast furnaces and basic steel products .....	331	17.43	17.56	18.01	17.89	18.32	763.43	776.15	799.64	787.16	813.41
Blast furnaces and steel mills .....	3312	18.84	19.03	19.46	19.41	-	828.96	844.93	873.75	857.92	-
Steel pipe and tubes .....	3317	13.73	13.86	13.92	13.87	-	605.49	612.61	580.46	597.80	-
Iron and steel foundries .....	332	13.29	13.35	13.52	13.74	-	579.44	591.41	584.06	615.55	-
Gray and ductile iron foundries .....	3321	13.93	14.03	14.34	14.58	-	618.49	629.95	625.22	666.31	-
Malleable iron foundries .....	3322	15.57	16.12	15.64	16.23	-	724.01	710.89	746.03	779.04	-
Steel foundries, nec .....	3325	12.08	12.18	12.53	12.42	-	503.74	531.05	522.50	521.64	-
Primary nonferrous metals .....	333	15.90	16.16	16.28	16.17	-	678.93	688.42	690.27	687.23	-
Primary aluminum .....	3334	15.86	16.14	16.17	16.14	-	674.05	673.04	683.99	690.79	-
Nonferrous rolling and drawing .....	335	13.65	13.70	14.01	14.04	-	601.97	609.65	623.45	628.99	-
Copper rolling and drawing .....	3351	13.60	13.37	14.48	14.29	-	597.04	597.64	661.74	638.78	-
Aluminum sheet, plate, and foil .....	3353	15.49	15.60	15.54	15.72	-	724.93	717.60	719.50	707.40	-
Nonferrous wire drawing and insulating .....	3357	13.81	13.91	14.23	14.34	-	602.12	607.87	607.62	633.83	-
Nonferrous foundries (castings) .....	336	11.43	11.44	11.83	11.78	-	473.20	485.06	487.40	505.36	-
Aluminum foundries .....	3365	10.86	10.91	11.31	11.49	-	451.78	463.68	482.94	490.62	-
Fabricated metal products .....	34	12.10	12.21	12.48	12.52	12.64	510.62	523.81	519.17	532.10	543.52
Metal cans and shipping containers .....	341	15.85	15.98	16.17	16.23	-	672.04	685.54	683.99	702.76	-
Metal cans .....	3411	16.81	16.98	17.05	17.12	-	712.74	730.14	728.04	746.43	-
Cutlery, handtools, and hardware .....	342	12.03	12.20	12.35	12.59	-	500.45	522.16	503.88	537.59	-
Hand and edge tools, and blades and handsaws .....	3423,5	11.25	11.41	11.54	11.59	-	473.63	492.91	478.91	493.73	-
Hardware, nec .....	3429	12.10	12.30	12.44	12.79	-	494.89	520.29	498.84	544.85	-
Plumbing and heating, except electric .....	343	10.76	10.87	11.34	11.37	-	441.16	458.71	450.20	482.09	-
Plumbing fixture fittings and trim .....	3432	10.18	10.31	10.89	11.05	-	414.33	439.21	450.85	468.52	-
Heating equipment, except electric .....	3433	11.08	11.17	11.28	11.64	-	464.25	470.26	441.05	495.86	-
Fabricated structural metal products .....	344	11.36	11.43	11.71	11.82	-	481.66	490.35	492.99	502.35	-
Fabricated structural metal .....	3441	11.30	11.46	11.87	11.93	-	496.07	506.53	516.35	516.57	-
Metal doors, sash, and trim .....	3442	9.61	9.69	9.93	10.03	-	397.85	403.10	414.08	423.27	-
Fabricated plate work (boiler shops) .....	3443	12.66	12.68	12.86	13.10	-	549.44	560.46	543.98	560.68	-
Sheet metal work .....	3444	11.68	11.70	12.07	12.14	-	483.55	491.40	498.49	507.45	-
Architectural metal work .....	3446	10.68	10.79	11.01	10.95	-	445.36	448.86	453.61	459.90	-
Screw machine products, bolts, etc .....	345	12.01	12.16	12.35	12.51	-	509.22	526.53	518.70	540.43	-
Screw machine products .....	3451	11.37	11.49	11.73	11.84	-	475.27	490.62	482.10	497.28	-
Bolts, nuts, rivets, and washers .....	3452	12.73	12.90	13.03	13.21	-	547.39	568.89	561.59	587.85	-
Metal forgings and stampings .....	346	14.10	14.31	14.79	14.57	-	616.17	635.36	616.74	632.34	-
Iron and steel forgings .....	3462	13.47	13.68	14.11	14.07	-	561.70	595.08	594.03	605.01	-
Automotive stampings .....	3465	16.02	16.27	17.06	16.53	-	725.71	748.42	719.93	737.24	-
Metal stampings, nec .....	3469	11.47	11.50	11.89	11.86	-	480.59	488.75	481.55	491.00	-
Metal services, nec .....	347	10.24	10.21	10.48	10.52	-	414.72	419.63	430.73	436.58	-
Plating and polishing .....	3471	10.12	10.15	10.34	10.37	-	406.82	412.09	419.80	427.24	-
Metal coating and allied services .....	3479	10.44	10.30	10.71	10.76	-	429.08	432.60	447.68	451.92	-
Ordnance and accessories, nec .....	348	13.96	14.12	14.55	14.68	-	586.32	591.63	600.92	604.82	-
Ammunition, except for small arms, nec .....	3483	14.81	15.01	15.44	15.66	-	622.02	634.92	643.85	663.98	-
Misc. fabricated metal products .....	349	11.46	11.50	11.84	11.85	-	479.03	489.90	488.99	496.52	-
Valves and pipe fittings, nec .....	3494	11.71	11.72	12.08	12.15	-	489.48	503.96	491.66	515.16	-
Misc. fabricated wire products .....	3496	10.19	10.18	10.50	10.50	-	416.77	421.45	424.20	427.35	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>P</sup>	Sept. 1996 <sup>P</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>P</sup>	Sept. 1996 <sup>P</sup>
<b>Durable goods—Continued</b>											
Industrial machinery and equipment .....	35	43.0	43.4	42.4	42.7	43.1	5.0	5.3	4.6	4.8	-
Engines and turbines .....	351	44.2	44.2	40.5	42.2	-	4.8	4.9	4.2	4.5	-
Turbines and turbine generator sets .....	3511	39.9	41.3	40.0	42.1	-	3.8	4.4	3.8	5.1	-
Internal combustion engines, nec .....	3519	45.8	45.3	40.7	42.3	-	5.2	5.1	4.3	4.3	-
Farm and garden machinery .....	352	40.6	41.5	41.0	41.8	-	2.8	3.4	3.6	4.2	-
Farm machinery and equipment .....	3523	41.1	42.1	41.4	42.1	-	3.0	3.6	4.1	4.5	-
Construction and related machinery .....	353	43.8	44.0	43.0	43.8	-	5.3	5.7	5.3	5.6	-
Construction machinery .....	3531	43.0	43.1	42.2	42.6	-	4.4	4.6	4.5	4.9	-
Mining machinery .....	3532	42.3	42.4	41.7	43.7	-	4.7	4.9	4.2	4.9	-
Oil and gas field machinery .....	3533	47.0	47.0	47.0	48.6	-	7.2	8.8	9.0	9.5	-
Conveyors and conveying equipment .....	3535	43.4	43.1	42.4	42.1	-	6.3	5.4	5.1	4.7	-
Industrial trucks and tractors .....	3537	42.7	43.2	39.6	41.2	-	4.5	4.7	3.0	3.3	-
Metalworking machinery .....	354	43.5	44.2	42.7	43.1	-	6.1	6.4	5.4	5.5	-
Machine tools, metal cutting types .....	3541	44.6	45.6	43.4	43.7	-	6.2	6.9	5.2	5.4	-
Machine tools, metal forming types .....	3542	44.3	45.7	43.3	43.1	-	6.5	7.1	5.7	5.5	-
Special dies, tools, jigs, and fixtures .....	3544	43.5	44.1	42.8	43.3	-	6.5	6.8	6.0	6.2	-
Machine tool accessories .....	3545	43.7	43.8	42.8	42.4	-	5.4	5.5	4.5	4.5	-
Power driven handtools .....	3546	42.6	43.0	41.2	40.8	-	4.8	5.2	3.9	3.7	-
Special industry machinery .....	355	42.8	43.4	41.6	41.9	-	5.2	5.5	4.2	4.3	-
Textile machinery .....	3552	41.5	41.7	40.5	41.9	-	3.8	3.9	3.0	3.8	-
Printing trades machinery .....	3555	42.2	42.2	40.8	40.8	-	5.2	5.6	4.2	3.8	-
Food products machinery .....	3556	42.4	42.9	42.0	42.7	-	5.3	5.3	4.6	4.8	-
General industrial machinery .....	356	43.0	43.4	42.4	42.8	-	4.9	5.3	4.3	4.8	-
Pumps and pumping equipment .....	3561	42.4	42.8	41.9	42.5	-	4.8	4.8	4.8	4.7	-
Ball and roller bearings .....	3562	44.1	45.3	43.3	44.1	-	6.0	7.2	4.6	6.2	-
Air and gas compressors .....	3563	44.1	44.7	42.7	42.7	-	4.6	5.2	4.8	4.7	-
Blowers and fans .....	3564	42.8	42.7	43.6	44.1	-	4.3	4.3	3.9	4.5	-
Speed changers, drives, and gears .....	3566	42.6	43.0	42.5	42.5	-	5.7	6.1	4.9	5.0	-
Power transmission equipment, nec .....	3568	43.2	42.9	41.7	41.2	-	4.8	4.9	4.5	3.8	-
Computer and office equipment .....	357	42.5	43.0	41.4	41.0	-	3.7	3.9	2.4	2.5	-
Electronic computers .....	3571	43.7	44.4	42.3	41.0	-	4.1	4.1	1.3	1.3	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	40.7	42.3	41.0	41.2	-	3.5	4.2	3.8	4.6	-
Refrigeration and service machinery .....	358	43.0	42.8	43.9	43.7	-	4.9	4.7	5.5	5.3	-
Refrigeration and heating equipment .....	3585	43.5	43.1	44.8	44.4	-	5.3	4.8	6.0	5.9	-
Misc. industrial and commercial machinery .....	359	42.8	43.3	42.3	42.3	-	5.2	5.6	4.9	4.9	-
Carburetors, pistons, rings, valves .....	3592	43.5	45.6	39.8	42.3	-	5.1	6.3	4.8	5.2	-
Scales, balances, and industrial machinery, nec .....	3596,9	42.8	43.1	42.4	42.2	-	5.3	5.7	4.9	4.9	-
Electronic and other electrical equipment .....	36	41.4	42.2	40.5	41.5	41.9	4.0	4.5	3.6	4.1	-
Electric distribution equipment .....	361	41.0	41.5	40.5	41.3	-	3.7	3.8	3.8	4.2	-
Transformers, except electronic .....	3612	40.8	41.3	39.7	41.4	-	3.2	3.1	2.9	3.7	-
Switchgear and switchboard apparatus .....	3613	41.2	41.6	41.3	41.3	-	4.2	4.4	4.7	4.7	-
Electrical industrial apparatus .....	362	40.7	41.5	41.4	41.7	-	3.5	3.9	3.7	3.8	-
Motors and generators .....	3621	40.8	41.8	41.8	42.2	-	3.4	3.8	4.1	4.1	-
Relays and industrial controls .....	3625	39.7	40.4	40.0	40.2	-	3.4	4.0	2.8	3.2	-
Household appliances .....	363	40.6	41.3	39.4	41.4	-	2.9	3.2	2.7	3.4	-
Household refrigerators and freezers .....	3632	42.4	43.3	40.0	40.7	-	3.0	4.1	1.7	2.0	-
Household laundry equipment .....	3633	38.7	38.0	37.5	40.0	-	2.4	2.5	2.3	3.5	-
Electric housewares and fans .....	3634	40.5	41.5	40.9	41.4	-	3.5	3.4	2.9	3.5	-
Electric lighting and wiring equipment .....	364	40.9	41.3	40.7	41.8	-	3.4	3.7	3.0	4.1	-
Electric lamps .....	3641	42.9	45.3	43.3	42.0	-	2.8	3.8	3.1	3.7	-
Current-carrying wiring devices .....	3643	39.5	40.1	40.1	41.2	-	3.3	3.4	3.3	3.8	-
Noncurrent-carrying wiring devices .....	3644	41.8	41.5	41.1	41.9	-	2.4	2.4	3.3	3.9	-
Residential lighting fixtures .....	3645	40.5	40.4	37.2	40.0	-	2.2	2.2	1.6	3.7	-
Household audio and video equipment .....	365	40.5	41.5	39.6	41.0	-	5.3	5.7	4.5	4.9	-
Household audio and video equipment .....	3651	40.6	41.3	40.3	41.3	-	3.6	3.9	3.5	3.8	-
Communications equipment .....	366	42.9	43.9	42.3	42.6	-	3.1	3.6	3.5	3.9	-
Telephone and telegraph apparatus .....	3661	46.4	48.2	43.7	43.5	-	3.9	4.7	4.0	4.1	-
Electronic components and accessories .....	367	41.4	42.3	39.9	40.6	-	4.6	5.1	3.9	4.0	-
Electron tubes .....	3671	40.7	40.6	38.4	39.1	-	4.8	4.7	4.2	3.9	-
Semiconductors and related devices .....	3674	40.7	42.1	39.8	39.7	-	5.3	5.7	4.7	4.5	-
Electronic components, nec .....	3679	41.8	42.4	40.2	40.9	-	4.2	4.6	3.5	3.3	-
Misc. electrical equipment and supplies .....	369	42.5	43.2	41.1	42.9	-	5.1	5.8	3.9	5.1	-
Storage batteries .....	3691	44.9	47.1	40.8	44.5	-	6.9	7.7	5.3	5.9	-
Engine electrical equipment .....	3694	41.6	42.3	41.9	43.0	-	4.9	5.9	3.8	5.6	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>
<b>Durable goods—Continued</b>											
Industrial machinery and equipment .....	35	\$13.24	\$13.34	\$13.55	\$13.64	\$13.81	\$569.32	\$578.96	\$574.52	\$582.43	\$595.21
Engines and turbines .....	351	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-
Turbines and turbine generator sets .....	3511	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-
Internal combustion engines, nec .....	3519	\$15.57	\$15.79	\$15.66	\$15.83	-	\$713.11	\$715.29	\$637.36	\$669.61	-
Farm and garden machinery .....	352	12.64	13.05	13.63	13.80	-	513.18	541.58	558.83	576.84	-
Farm machinery and equipment .....	3523	13.33	13.84	14.39	14.54	-	547.86	582.66	595.75	612.13	-
Construction and related machinery .....	353	12.91	12.92	13.11	13.08	-	565.46	568.48	563.73	572.90	-
Construction machinery .....	3531	13.35	13.32	13.45	13.44	-	574.05	574.09	567.59	572.54	-
Mining machinery .....	3532	13.97	14.10	14.03	14.08	-	590.93	597.84	585.05	615.30	-
Oil and gas field machinery .....	3533	12.45	12.64	12.96	12.92	-	585.15	594.08	609.12	627.91	-
Conveyors and conveying equipment .....	3535	12.63	12.54	13.16	13.12	-	548.14	540.47	557.98	552.35	-
Industrial trucks and tractors .....	3537	11.93	11.87	12.09	12.11	-	509.41	512.78	478.76	498.93	-
Metalworking machinery .....	354	13.91	13.99	14.35	14.37	-	605.09	618.36	612.75	619.35	-
Machine tools, metal cutting types .....	3541	14.10	14.19	14.35	14.33	-	628.86	647.06	622.79	626.22	-
Machine tools, metal forming types .....	3542	14.33	14.34	14.74	14.85	-	634.82	655.34	638.24	640.04	-
Special dies, tools, jigs, and fixtures .....	3544	14.51	14.56	14.98	14.96	-	631.19	642.10	641.14	647.77	-
Machine tool accessories .....	3545	12.27	12.43	12.57	12.66	-	536.20	544.43	538.00	536.78	-
Power driven handtools .....	3546	11.62	11.66	12.11	12.20	-	495.01	501.38	498.93	497.76	-
Special industry machinery .....	355	13.64	13.73	14.12	14.07	-	583.79	595.88	587.39	589.53	-
Textile machinery .....	3552	11.75	11.86	12.19	12.15	-	487.63	494.56	493.70	509.09	-
Printing trades machinery .....	3555	15.26	15.40	15.67	15.40	-	643.97	649.88	639.34	628.32	-
Food products machinery .....	3556	13.41	13.52	13.85	13.69	-	568.58	580.01	581.70	584.56	-
General industrial machinery .....	356	12.93	13.06	13.21	13.40	-	555.99	566.80	560.10	573.52	-
Pumps and pumping equipment .....	3561	13.97	13.85	13.97	13.93	-	592.33	592.78	585.34	592.03	-
Ball and roller bearings .....	3562	13.86	14.38	14.00	14.68	-	611.23	651.41	606.20	647.39	-
Air and gas compressors .....	3563	13.45	13.30	13.66	13.67	-	593.15	594.51	583.28	583.71	-
Blowers and fans .....	3564	10.82	10.76	11.00	11.23	-	463.10	459.45	479.60	495.24	-
Speed changers, drives, and gears .....	3566	13.97	14.09	14.38	14.49	-	595.12	605.87	611.15	615.83	-
Power transmission equipment, nec .....	3568	12.61	12.70	13.01	12.88	-	544.75	544.83	542.52	530.66	-
Computer and office equipment .....	357	13.81	13.67	14.00	14.05	-	586.93	587.81	579.60	576.05	-
Electronic computers .....	3571	15.37	15.01	15.49	15.65	-	671.67	666.44	655.23	641.65	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	13.63	13.54	13.65	13.58	-	554.74	572.74	559.65	559.50	-
Refrigeration and service machinery .....	358	11.96	12.16	12.17	12.46	-	514.28	520.45	534.26	544.50	-
Refrigeration and heating equipment .....	3585	12.18	12.39	12.35	12.72	-	529.83	534.01	553.28	564.77	-
Misc. industrial and commercial machinery .....	359	12.81	12.92	13.10	13.15	-	548.27	559.44	554.13	556.25	-
Carburetors, pistons, rings, valves .....	3592	14.02	14.00	14.10	14.04	-	609.87	638.40	561.18	593.89	-
Scales, balances, and industrial machinery, nec .....	3596,9	12.53	12.65	12.86	12.91	-	536.28	545.22	545.26	544.80	-
Electronic and other electrical equipment .....	36	11.73	11.78	12.23	12.23	12.30	485.62	497.12	495.32	507.55	515.37
Electric distribution equipment .....	361	11.47	11.56	12.04	12.01	-	470.27	479.74	487.62	496.01	-
Transformers, except electronic .....	3612	10.68	10.74	11.12	11.30	-	435.74	443.56	441.46	467.82	-
Switchgear and switchboard apparatus .....	3613	12.30	12.43	12.92	12.72	-	506.76	517.09	533.60	525.34	-
Electrical industrial apparatus .....	362	11.11	11.21	11.51	11.53	-	452.18	465.22	476.51	480.80	-
Motors and generators .....	3621	10.41	10.49	10.89	10.88	-	424.73	438.48	455.20	459.14	-
Relays and industrial controls .....	3625	12.65	12.76	12.65	12.68	-	502.21	515.50	506.00	509.74	-
Household appliances .....	363	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-
Household refrigerators and freezers .....	3632	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-
Household laundry equipment .....	3633	\$13.61	\$13.64	\$13.98	\$13.83	-	\$526.71	\$518.32	\$524.25	\$553.20	-
Electric housewares and fans .....	3634	9.29	9.21	9.65	9.76	-	376.25	382.22	394.69	404.06	-
Electric lighting and wiring equipment .....	364	11.59	11.69	12.43	12.39	-	474.03	482.80	505.90	517.90	-
Electric lamps .....	3641	12.29	12.45	14.46	14.65	-	527.24	563.99	626.12	615.30	-
Current-carrying wiring devices .....	3643	11.66	11.67	12.55	12.46	-	460.57	467.97	503.26	513.35	-
Noncurrent-carrying wiring devices .....	3644	10.68	10.70	11.25	11.49	-	446.42	444.05	462.38	481.43	-
Residential lighting fixtures .....	3645	8.44	8.53	8.93	8.89	-	341.82	344.61	332.20	355.60	-
Household audio and video equipment .....	365	11.18	11.04	10.48	10.40	-	452.79	458.16	415.01	426.40	-
Household audio and video equipment .....	3651	11.51	11.43	10.71	10.63	-	467.31	472.06	431.61	439.02	-
Communications equipment .....	366	12.01	12.01	13.09	13.12	-	515.23	527.24	553.71	558.91	-
Telephone and telegraph apparatus .....	3661	13.18	13.14	14.43	14.45	-	611.55	633.35	630.59	628.58	-
Electronic components and accessories .....	367	11.56	11.63	12.09	12.03	-	478.58	491.95	482.39	488.42	-
Electron tubes .....	3671	13.34	13.35	13.82	13.75	-	542.94	542.01	530.69	537.63	-
Semiconductors and related devices .....	3674	14.72	14.66	15.38	15.49	-	599.10	617.19	612.12	614.95	-
Electronic components, nec .....	3679	9.81	9.84	10.08	10.09	-	410.06	417.22	405.22	412.68	-
Misc. electrical equipment and supplies .....	369	13.34	13.51	13.39	13.41	-	566.95	583.63	550.33	575.29	-
Storage batteries .....	3691	14.56	14.66	14.83	14.62	-	653.74	690.49	605.06	650.59	-
Engine electrical equipment .....	3694	14.05	14.21	13.75	13.79	-	584.48	601.08	576.13	592.97	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	43.5	44.4	42.7	44.5	45.3	5.5	6.2	4.7	6.2	-
Motor vehicles and equipment .....	371	44.3	45.5	43.4	45.5	46.3	6.0	7.0	4.8	6.8	-
Motor vehicles and car bodies .....	3711	44.7	46.7	44.2	45.8	-	6.2	7.4	4.6	6.8	-
Truck and bus bodies .....	3713	43.9	42.5	43.0	43.7	-	5.5	5.2	4.7	4.5	-
Motor vehicle parts and accessories .....	3714	44.3	45.2	43.1	46.0	-	6.2	7.1	5.2	7.5	-
Truck trailers .....	3715	42.7	42.5	41.4	41.0	-	4.6	4.9	2.9	3.2	-
Aircraft and parts .....	372	42.4	43.0	42.5	43.2	-	5.1	5.6	5.3	5.9	-
Aircraft .....	3721	40.9	41.4	40.4	41.8	-	4.3	4.9	4.5	5.2	-
Aircraft engines and engine parts .....	3724	44.8	45.4	45.7	44.2	-	6.6	6.9	6.2	6.6	-
Aircraft parts and equipment, nec .....	3728	42.9	43.6	43.1	44.5	-	5.3	5.7	5.9	6.3	-
Ship and boat building and repairing .....	373	42.2	42.5	40.6	43.2	-	4.3	4.6	3.6	5.1	-
Ship building and repairing .....	3731	43.4	44.0	42.3	45.6	-	4.9	5.4	4.2	6.4	-
Boat building and repairing .....	3732	40.3	40.0	38.0	39.5	-	3.2	3.2	2.7	3.1	-
Railroad equipment .....	374	45.1	44.7	44.7	44.7	-	5.3	5.4	4.7	5.1	-
Guided missiles, space vehicles, and parts .....	376	43.2	42.6	42.6	43.4	-	4.6	4.7	3.5	4.0	-
Guided missiles and space vehicles .....	3761	43.6	43.0	43.6	44.1	-	4.8	5.2	3.8	4.3	-
Misc. transportation equipment .....	379	39.8	39.6	38.0	38.4	-	2.3	2.3	3.0	2.8	-
Travel trailers and campers .....	3792	39.1	38.2	36.9	37.7	-	1.9	1.6	2.2	1.7	-
Instruments and related products .....	38	41.2	41.5	41.0	41.7	42.1	3.4	3.6	3.4	3.7	-
Search and navigation equipment .....	381	41.1	41.9	43.0	43.3	-	3.1	3.4	3.2	3.9	-
Measuring and controlling devices .....	382	41.6	42.3	40.9	41.8	-	3.1	3.5	2.9	3.2	-
Environmental controls .....	3822	40.9	42.7	39.9	41.8	-	3.1	3.8	3.1	3.8	-
Process control instruments .....	3823	41.7	42.7	42.1	42.4	-	2.8	3.5	3.5	3.7	-
Instruments to measure electricity .....	3825	41.7	41.7	40.0	41.3	-	2.6	2.8	2.0	2.4	-
Medical instruments and supplies .....	384	40.9	40.4	40.5	41.2	-	3.1	3.1	3.1	3.2	-
Surgical and medical instruments .....	3841	41.5	40.2	39.7	41.5	-	3.4	3.4	2.9	3.4	-
Surgical appliances and supplies .....	3842	40.2	39.9	40.3	40.5	-	3.0	2.8	3.6	3.4	-
Ophthalmic goods .....	385	39.0	38.6	39.6	40.5	-	1.9	1.4	1.8	2.4	-
Photographic equipment and supplies .....	386	42.5	43.6	42.6	42.5	-	7.0	8.0	8.0	8.0	-
Watches, clocks, watchcases, and parts .....	387	40.3	41.4	40.2	40.8	-	2.3	2.7	2.5	2.5	-
Miscellaneous manufacturing industries .....	39	39.9	40.3	38.9	39.9	40.1	3.1	3.4	2.8	3.2	-
Jewelry, silverware, and plated ware .....	391	39.3	39.0	38.3	39.4	-	2.6	2.9	2.4	2.9	-
Jewelry, precious metal .....	3911	38.9	38.4	37.6	38.6	-	2.8	2.9	2.2	2.5	-
Musical instruments .....	393	42.2	42.5	38.3	41.1	-	3.6	4.1	2.2	2.7	-
Toys and sporting goods .....	394	39.9	40.3	38.7	39.9	-	3.3	3.5	2.4	2.8	-
Dolls, games, toys, and children's vehicles .....	3942,4	38.8	40.1	37.1	39.3	-	2.9	3.7	1.7	2.5	-
Sporting and athletic goods, nec .....	3949	40.5	40.4	39.5	40.3	-	3.5	3.4	2.8	3.0	-
Pens, pencils, office, and art supplies .....	395	39.4	40.2	39.6	40.2	-	2.9	2.6	3.0	3.1	-
Costume jewelry and notions .....	396	38.7	39.7	38.7	39.8	-	2.1	2.5	2.0	2.7	-
Costume jewelry .....	3961	38.2	39.6	37.5	39.0	-	1.8	2.3	1.3	1.9	-
Miscellaneous manufactures .....	399	40.2	40.6	39.1	39.8	-	3.2	3.8	3.2	3.8	-
Signs and advertising specialties .....	3993	40.9	41.7	40.1	40.9	-	3.7	4.3	3.7	4.4	-
<b>Nondurable goods</b> .....		40.6	40.9	40.3	40.9	41.2	4.2	4.5	4.1	4.4	4.6
Food and kindred products .....	20	41.7	42.1	40.9	41.5	42.3	5.5	5.8	5.0	5.3	-
Meat products .....	201	40.3	41.8	40.4	40.5	-	4.5	5.4	4.2	4.3	-
Meat packing plants .....	2011	42.8	45.2	41.9	42.2	-	5.4	6.9	4.8	4.8	-
Sausages and other prepared meats .....	2013	41.8	42.6	42.6	41.9	-	5.8	6.2	5.7	5.5	-
Poultry slaughtering and processing .....	2015	38.3	39.7	38.8	39.1	-	3.5	4.3	3.4	3.6	-
Dairy products .....	202	42.7	42.6	42.3	41.8	-	5.5	5.5	5.4	5.1	-
Cheese, natural and processed .....	2022	41.3	42.1	41.3	41.2	-	5.0	5.6	4.8	4.9	-
Fluid milk .....	2026	42.4	42.8	42.1	42.0	-	4.9	5.3	5.0	5.0	-
Preserved fruits and vegetables .....	203	42.8	42.0	39.0	42.0	-	6.8	6.6	4.7	6.6	-
Canned specialties .....	2032	42.3	43.6	41.8	43.2	-	3.5	5.9	4.4	5.6	-
Canned fruits and vegetables .....	2033	44.8	43.5	39.1	43.9	-	8.9	8.4	5.4	8.6	-
Frozen fruits and vegetables .....	2037	41.8	39.9	37.4	37.6	-	6.1	4.7	3.6	4.0	-
Grain mill products .....	204	44.9	46.1	45.8	46.0	-	7.4	8.3	7.7	7.4	-
Flour and other grain mill products .....	2041	46.7	46.7	45.3	46.3	-	8.5	8.3	7.3	7.6	-
Prepared feeds, nec .....	2048	43.3	44.0	44.8	45.3	-	6.8	7.2	7.3	7.2	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	\$16.67	\$16.96	\$17.32	\$17.29	\$17.47	\$725.15	\$753.02	\$739.56	\$769.41	\$791.39
Motor vehicles and equipment .....	371	17.20	17.58	17.97	17.87	18.13	761.96	799.89	779.90	813.09	839.42
Motor vehicles and car bodies .....	3711	20.27	20.67	21.38	21.10	-	906.07	965.29	945.00	966.38	-
Truck and bus bodies .....	3713	14.30	14.70	14.64	14.47	-	627.77	624.75	629.52	632.34	-
Motor vehicle parts and accessories .....	3714	16.10	16.42	16.60	16.60	-	713.23	742.18	715.46	763.60	-
Truck trailers .....	3715	10.57	10.65	10.90	10.86	-	451.34	452.63	451.26	445.26	-
Aircraft and parts .....	372	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-
Aircraft .....	3721	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-	-	-	-	-	-
Aircraft engines and engine parts .....	3724	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-
Aircraft parts and equipment, nec .....	3728	\$15.93	\$16.20	\$16.48	\$16.39	-	\$683.40	\$706.32	\$710.29	\$729.36	-
Ship and boat building and repairing .....	373	12.70	12.69	12.76	12.88	-	535.94	539.33	518.06	556.42	-
Ship building and repairing .....	3731	14.06	14.00	14.05	14.18	-	610.20	616.00	594.32	646.61	-
Boat building and repairing .....	3732	10.15	10.21	10.52	10.54	-	409.05	408.40	399.76	416.33	-
Railroad equipment .....	374	15.08	15.14	16.53	16.82	-	680.11	676.76	738.89	742.91	-
Guided missiles, space vehicles, and parts .....	376	17.84	17.94	18.65	18.71	-	770.69	764.24	794.49	812.01	-
Guided missiles and space vehicles .....	3761	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-	-	-	-	-	-
Misc. transportation equipment .....	379	\$11.10	\$11.14	\$11.38	\$11.46	-	\$441.78	\$441.14	\$432.44	\$440.06	-
Travel trailers and campers .....	3792	11.15	11.30	11.36	11.30	-	435.97	431.66	419.18	426.01	-
Instruments and related products .....	38	12.70	12.81	13.18	13.18	13.29	523.24	531.62	540.38	549.61	559.51
Search and navigation equipment .....	381	16.40	16.44	16.71	16.69	-	674.04	688.84	718.53	722.68	-
Measuring and controlling devices .....	382	12.60	12.62	13.09	13.15	-	524.16	533.83	535.38	549.67	-
Environmental controls .....	3822	11.36	11.39	11.90	11.95	-	464.62	486.35	474.81	499.51	-
Process control instruments .....	3823	12.09	12.09	12.63	12.73	-	504.15	516.24	531.72	539.75	-
Instruments to measure electricity .....	3825	14.18	14.32	14.89	14.93	-	591.31	597.14	595.60	616.61	-
Medical instruments and supplies .....	384	11.50	11.71	12.09	12.11	-	470.35	473.08	489.65	498.93	-
Surgical and medical instruments .....	3841	11.03	11.28	11.43	11.51	-	457.75	453.46	453.77	477.67	-
Surgical appliances and supplies .....	3842	10.77	10.89	11.27	11.22	-	432.95	434.51	454.18	454.41	-
Ophthalmic goods .....	385	9.66	9.54	9.91	9.98	-	376.74	366.24	392.44	404.19	-
Photographic equipment and supplies .....	386	15.51	15.63	15.88	15.85	-	659.18	681.47	676.49	673.63	-
Watches, clocks, watchcases, and parts .....	387	8.76	8.80	9.85	9.57	-	353.03	364.32	395.97	390.46	-
Miscellaneous manufacturing industries .....	39	9.99	10.12	10.39	10.43	10.53	398.60	407.84	404.17	416.16	422.25
Jewelry, silverware, and plated ware .....	391	10.19	10.24	10.61	10.86	-	400.47	399.36	406.36	427.88	-
Jewelry, precious metal .....	3911	10.22	10.23	10.67	10.89	-	397.56	392.83	401.19	420.35	-
Musical instruments .....	393	10.22	10.51	10.42	10.57	-	431.28	446.68	399.09	434.43	-
Toys and sporting goods .....	394	9.47	9.61	9.91	9.92	-	377.85	387.28	383.52	395.81	-
Dolls, games, toys, and children's vehicles .....	3942,4	9.08	9.03	9.28	9.33	-	352.30	362.10	344.29	366.67	-
Sporting and athletic goods, nec .....	3949	9.67	9.90	10.22	10.24	-	391.64	399.96	403.69	412.67	-
Pens, pencils, office, and art supplies .....	395	10.96	10.97	11.00	10.79	-	431.82	440.99	435.60	433.76	-
Costume jewelry and notions .....	396	8.50	8.56	9.20	8.79	-	328.95	339.83	356.04	349.84	-
Costume jewelry .....	3961	7.32	7.35	8.03	7.49	-	279.62	291.06	301.13	292.11	-
Miscellaneous manufactures .....	399	10.35	10.53	10.73	10.86	-	416.07	427.52	419.54	432.23	-
Signs and advertising specialties .....	3993	10.70	10.97	11.02	11.35	-	437.63	457.45	441.90	464.22	-
<b>Nondurable goods .....</b>		<b>11.56</b>	<b>11.65</b>	<b>12.01</b>	<b>11.96</b>	<b>12.03</b>	<b>469.34</b>	<b>476.49</b>	<b>484.00</b>	<b>489.16</b>	<b>495.64</b>
Food and kindred products .....	20	10.90	10.97	11.27	11.18	11.19	454.53	461.84	460.94	463.97	473.34
Meat products .....	201	9.02	9.08	9.14	9.13	-	363.51	379.54	369.26	369.77	-
Meat packing plants .....	2011	9.62	9.66	9.80	9.79	-	411.74	436.63	410.62	413.14	-
Sausages and other prepared meats .....	2013	10.52	10.52	10.53	10.41	-	439.74	448.15	448.58	436.18	-
Poultry slaughtering and processing .....	2015	8.08	8.18	8.20	8.25	-	309.46	324.75	318.16	322.58	-
Dairy products .....	202	12.35	12.50	12.87	12.92	-	527.35	532.50	544.40	540.06	-
Cheese, natural and processed .....	2022	11.19	11.44	11.61	11.64	-	462.15	481.62	479.49	479.57	-
Fluid milk .....	2026	13.01	13.15	13.68	13.57	-	551.62	562.82	575.93	569.94	-
Preserved fruits and vegetables .....	203	10.33	10.43	10.81	10.68	-	442.12	438.06	421.59	448.56	-
Canned specialties .....	2032	13.72	13.56	14.14	13.82	-	580.36	591.22	591.05	597.02	-
Canned fruits and vegetables .....	2033	10.82	10.67	11.50	11.13	-	484.74	464.15	449.65	488.61	-
Frozen fruits and vegetables .....	2037	9.25	9.61	10.11	10.00	-	386.65	383.44	378.11	376.00	-
Grain mill products .....	204	13.50	13.72	13.89	13.90	-	606.15	632.49	636.16	639.40	-
Flour and other grain mill products .....	2041	11.86	12.15	11.90	12.10	-	553.86	567.41	539.07	560.23	-
Prepared feeds, nec .....	2048	10.80	11.03	11.01	10.92	-	467.64	485.32	493.25	494.68	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>
<b>Nondurable goods—Continued</b>											
Food and kindred products—Continued											
Bakery products .....	205	40.5	40.7	40.3	40.5	-	4.8	4.9	5.0	5.1	-
Bread, cake, and related products .....	2051	40.4	40.5	39.7	40.5	-	5.0	5.1	5.2	5.4	-
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	40.6	41.1	41.4	40.6	-	4.6	4.6	4.5	4.5	-
Sugar and confectionery products .....	206	41.2	40.8	38.7	40.3	-	4.4	4.7	3.6	3.9	-
Raw cane sugar .....	2061	42.6	44.1	41.0	44.1	-	5.0	6.4	4.7	6.2	-
Cane sugar refining .....	2062	48.0	46.0	47.7	47.0	-	8.6	9.7	12.0	11.5	-
Beet sugar .....	2063	42.0	40.3	41.6	44.0	-	3.6	5.6	2.4	4.6	-
Candy and other confectionery products .....	2064	40.6	39.8	37.1	38.9	-	4.4	4.1	2.9	3.2	-
Fats and oils .....	207	44.8	44.5	44.7	44.8	-	6.9	7.4	7.2	6.8	-
Beverages .....	208	42.8	43.0	43.8	42.8	-	5.7	5.6	6.3	5.5	-
Malt beverages .....	2082	46.3	46.8	47.9	46.5	-	7.7	7.6	8.0	7.3	-
Bottled and canned soft drinks .....	2086	42.5	41.8	42.9	41.8	-	5.8	4.8	6.6	5.4	-
Misc. food and kindred products .....	209	41.5	41.0	40.3	40.8	-	6.2	5.5	5.3	5.2	-
Tobacco products .....	21	40.4	40.0	38.7	40.0	40.8	5.0	3.8	5.8	5.6	-
Cigarettes .....	211	41.3	39.4	39.2	41.7	-	6.9	4.8	6.9	7.2	-
Textile mill products .....	22	41.0	41.1	40.2	41.3	41.2	4.4	4.4	4.2	4.6	-
Broadwoven fabric mills, cotton .....	221	42.8	42.6	41.5	43.5	-	6.4	6.5	6.0	6.7	-
Broadwoven fabric mills, synthetics .....	222	41.4	40.7	40.6	41.1	-	4.4	4.3	4.4	4.7	-
Broadwoven fabric mills, wool .....	223	38.5	39.2	38.9	37.9	-	3.6	3.3	4.6	4.2	-
Narrow fabric mills .....	224	39.7	40.5	38.3	39.8	-	3.5	3.6	2.5	3.0	-
Knitting mills .....	225	39.7	40.0	38.8	39.8	-	3.4	3.5	3.2	3.6	-
Women's hosiery, except socks .....	2251	40.0	40.5	37.4	40.3	-	3.4	3.4	2.3	3.6	-
Hosiery, nec .....	2252	37.1	37.7	36.4	38.0	-	2.5	2.8	2.6	2.8	-
Knit outerwear mills .....	2253	40.9	40.5	40.0	40.5	-	3.6	3.4	3.2	3.4	-
Knit underwear mills .....	2254	36.4	37.4	40.5	37.6	-	2.0	2.0	2.7	2.7	-
Weft knit fabric mills .....	2257	41.6	42.1	38.3	41.0	-	4.5	4.5	4.9	5.1	-
Textile finishing, except wool .....	226	41.3	41.8	41.9	42.7	-	4.5	4.9	4.5	5.3	-
Finishing plants, cotton .....	2261	42.2	43.1	43.5	43.5	-	4.9	5.5	4.5	5.4	-
Finishing plants, synthetics .....	2262	40.2	40.0	40.0	41.5	-	4.0	4.1	4.1	4.7	-
Carpets and rugs .....	227	43.2	42.8	41.8	43.0	-	5.9	5.4	5.3	5.7	-
Yarn and thread mills .....	228	40.7	40.9	40.2	41.7	-	4.2	4.1	4.2	4.6	-
Yarn spinning mills .....	2281	41.0	41.3	40.7	42.3	-	4.4	4.4	4.3	4.9	-
Throwing and winding mills .....	2282	38.5	38.6	37.2	38.4	-	3.0	3.4	3.5	3.3	-
Miscellaneous textile goods .....	229	41.6	41.8	40.2	41.1	-	4.3	4.3	3.9	4.2	-
Apparel and other textile products .....	23	37.0	37.2	36.8	37.6	37.5	1.8	2.0	1.9	2.2	-
Men's and boys' suits and coats .....	231	36.3	36.5	36.8	37.1	-	1.1	1.2	1.1	1.5	-
Men's and boys' furnishings .....	232	36.3	36.3	36.4	37.3	-	1.3	1.3	1.4	1.6	-
Men's and boys' shirts .....	2321	35.8	35.4	35.1	36.0	-	1.1	1.3	1.0	1.4	-
Men's and boys' trousers and slacks .....	2325	35.8	36.1	36.9	36.6	-	1.1	1.0	1.6	1.4	-
Men's and boys' work clothing .....	2326	36.7	37.1	36.5	37.8	-	1.4	1.3	1.2	1.4	-
Women's and misses' outerwear .....	233	35.9	35.9	35.5	36.1	-	1.7	1.7	1.5	1.8	-
Women's and misses' blouses and shirts .....	2331	35.2	35.5	35.8	35.2	-	.8	1.1	1.2	1.2	-
Women's, juniors', and misses' dresses .....	2335	35.5	35.2	37.1	37.9	-	1.8	1.8	2.0	2.2	-
Women's and misses' suits and coats .....	2337	36.6	35.1	35.0	36.2	-	2.7	2.0	1.7	2.1	-
Women's and misses' outerwear, nec .....	2339	36.1	36.3	35.1	35.8	-	1.7	1.7	1.5	1.7	-
Women's and children's undergarments .....	234	37.5	37.8	36.8	37.6	-	1.6	1.7	2.0	2.2	-
Women's and children's underwear .....	2341	37.4	37.5	36.9	37.4	-	1.3	1.6	1.7	2.0	-
Brassieres, girdles, and allied garments .....	2342	38.1	38.9	36.6	38.4	-	2.8	2.1	3.2	2.7	-
Girls' and children's outerwear .....	236	36.1	37.5	38.0	36.9	-	1.5	2.3	3.1	2.3	-
Girls' and children's dresses and blouses .....	2361	36.0	37.4	36.1	36.6	-	2.0	2.5	2.5	1.8	-
Misc. apparel and accessories .....	238	37.6	37.2	37.3	38.3	-	1.6	1.5	1.1	1.8	-
Misc. fabricated textile products .....	239	39.0	39.7	38.6	39.9	-	3.0	3.4	3.1	3.7	-
Curtains and draperies .....	2391	37.6	38.9	36.1	37.6	-	2.0	2.3	1.3	1.9	-
House furnishings, nec .....	2392	39.5	40.1	39.1	40.3	-	3.2	4.1	3.5	3.9	-
Automotive and apparel trimmings .....	2396	39.8	40.7	38.6	41.0	-	3.3	3.7	2.8	4.4	-
Paper and allied products .....	26	42.7	43.4	43.2	43.3	43.9	5.3	5.7	5.7	5.7	-
Paper mills .....	262	43.8	45.8	44.7	44.5	-	6.0	6.8	6.5	6.3	-
Paperboard mills .....	263	44.0	45.3	44.0	44.6	-	7.4	7.7	7.1	7.4	-

See footnotes at end of table.



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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>
<b>Nondurable goods—Continued</b>											
Food and kindred products—Continued											
Bakery products .....	205	\$11.92	\$11.88	\$12.30	\$12.15	-	\$482.76	\$483.52	\$495.69	\$492.08	-
Bread, cake, and related products .....	2051	12.04	12.01	12.50	12.31	-	486.42	486.41	496.25	498.56	-
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	11.72	11.63	11.96	11.87	-	475.83	477.99	495.14	481.92	-
Sugar and confectionery products .....	206	12.04	11.86	12.65	12.35	-	496.05	483.89	489.56	497.71	-
Raw cane sugar .....	2061	11.60	11.27	11.88	11.63	-	494.16	497.01	487.08	512.88	-
Cane sugar refining .....	2062	16.59	16.61	17.71	17.66	-	796.32	764.06	844.77	830.02	-
Beet sugar .....	2063	13.93	13.54	13.99	14.51	-	585.06	545.66	581.98	638.44	-
Candy and other confectionery products .....	2064	10.83	10.67	11.52	11.15	-	439.70	424.67	427.39	433.74	-
Fats and oils .....	207	11.73	11.76	12.23	12.12	-	525.50	523.32	546.68	542.98	-
Beverages .....	208	15.42	15.53	15.75	15.51	-	659.98	667.79	689.85	663.83	-
Malt beverages .....	2082	20.78	21.07	20.95	21.30	-	962.11	986.08	1,003.51	990.45	-
Bottled and canned soft drinks .....	2086	12.68	12.55	12.99	12.89	-	538.90	524.59	557.27	538.80	-
Misc. food and kindred products .....	209	9.86	9.97	10.02	10.07	-	409.19	408.77	403.81	410.86	-
Tobacco products .....	21	18.56	17.68	21.09	20.41	\$19.22	749.82	707.20	816.18	816.40	\$784.18
Cigarettes .....	211	24.36	23.97	24.36	25.34	-	1,006.07	944.42	954.91	1,056.68	-
Textile mill products .....	22	9.44	9.50	9.67	9.70	9.77	387.04	390.45	388.73	400.61	402.52
Broadwoven fabric mills, cotton .....	221	9.89	10.01	10.09	10.09	-	423.29	426.43	418.74	438.92	-
Broadwoven fabric mills, synthetics .....	222	10.39	10.45	10.72	10.68	-	430.15	425.32	435.23	438.95	-
Broadwoven fabric mills, wool .....	223	9.74	9.79	10.04	9.94	-	374.99	383.77	390.56	376.73	-
Narrow fabric mills .....	224	8.84	8.75	9.03	9.09	-	350.95	354.38	345.85	361.78	-
Knitting mills .....	225	8.67	8.73	8.84	8.90	-	344.20	349.20	342.99	354.22	-
Women's hosiery, except socks .....	2251	8.11	8.20	8.13	8.37	-	324.40	332.10	304.06	337.31	-
Hosiery, nec .....	2252	8.32	8.37	8.75	8.79	-	308.67	315.55	318.50	334.02	-
Knit outerwear mills .....	2253	8.10	8.17	8.24	8.26	-	331.29	330.89	329.60	334.53	-
Knit underwear mills .....	2254	9.03	8.89	8.85	8.87	-	328.69	332.49	358.43	333.51	-
Weft knit fabric mills .....	2257	9.62	9.78	9.81	9.82	-	400.19	411.74	375.72	402.62	-
Textile finishing, except wool .....	226	9.58	9.61	9.88	9.92	-	395.65	401.70	413.97	423.58	-
Finishing plants, cotton .....	2261	9.36	9.40	9.76	9.86	-	394.99	405.14	424.56	428.91	-
Finishing plants, synthetics .....	2262	9.98	9.98	10.30	10.28	-	401.20	399.20	412.00	426.62	-
Carpets and rugs .....	227	9.47	9.52	9.84	9.82	-	409.10	407.46	411.31	422.26	-
Yarn and thread mills .....	228	9.26	9.30	9.40	9.44	-	376.88	380.37	377.88	393.65	-
Yarn spinning mills .....	2281	9.22	9.26	9.37	9.43	-	378.02	382.44	381.36	398.89	-
Throwing and winding mills .....	2282	9.56	9.58	9.77	9.65	-	368.06	369.79	363.44	370.56	-
Miscellaneous textile goods .....	229	10.68	10.81	10.95	11.02	-	444.29	451.86	440.19	452.92	-
Apparel and other textile products .....	23	7.68	7.71	7.94	7.94	8.01	284.16	286.81	292.19	298.54	300.38
Men's and boys' suits and coats .....	231	8.01	8.11	8.28	8.20	-	290.76	296.02	304.70	304.22	-
Men's and boys' furnishings .....	232	7.17	7.20	7.42	7.38	-	260.27	261.36	270.09	275.27	-
Men's and boys' shirts .....	2321	6.98	7.10	7.24	7.24	-	249.88	251.34	254.12	260.64	-
Men's and boys' trousers and slacks .....	2325	7.10	7.18	7.51	7.42	-	254.18	259.20	277.12	271.57	-
Men's and boys' work clothing .....	2326	7.13	7.16	7.49	7.39	-	261.67	265.64	273.39	279.34	-
Women's and misses' outerwear .....	233	7.36	7.37	7.49	7.54	-	264.22	264.58	265.90	272.19	-
Women's and misses' blouses and shirts .....	2331	6.55	6.58	6.54	6.56	-	230.56	233.59	234.13	230.91	-
Women's, juniors', and misses' dresses .....	2335	8.04	8.09	8.35	8.39	-	285.42	284.77	309.79	317.98	-
Women's and misses' suits and coats .....	2337	7.99	8.05	7.92	8.01	-	292.43	282.56	277.20	289.96	-
Women's and misses' outerwear, nec .....	2339	7.21	7.21	7.32	7.36	-	260.28	261.72	256.93	263.49	-
Women's and children's undergarments .....	234	7.24	7.35	7.51	7.52	-	271.50	277.83	276.37	282.75	-
Women's and children's underwear .....	2341	7.00	7.13	7.33	7.39	-	261.80	267.38	270.48	276.39	-
Brassieres, girdles, and allied garments .....	2342	8.10	8.13	8.11	7.99	-	308.61	316.26	296.83	306.82	-
Girls' and children's outerwear .....	236	6.83	6.93	7.10	7.09	-	246.56	259.88	269.80	261.62	-
Girls' and children's dresses and blouses .....	2361	6.55	6.68	7.11	6.95	-	235.80	249.83	256.67	254.37	-
Misc. apparel and accessories .....	238	7.14	7.23	7.26	7.32	-	268.46	268.96	270.80	280.36	-
Misc. fabricated textile products .....	239	8.88	8.88	9.22	9.19	-	346.32	352.54	355.89	366.68	-
Curtains and draperies .....	2391	7.51	7.58	7.43	7.41	-	282.38	294.86	268.22	278.62	-
House furnishings, nec .....	2392	8.13	8.18	8.47	8.40	-	321.14	328.02	331.18	338.52	-
Automotive and apparel trimmings .....	2396	11.26	11.23	11.92	11.93	-	448.15	457.06	460.11	489.13	-
Paper and allied products .....	26	14.20	14.33	14.79	14.71	14.76	606.34	621.92	638.93	636.94	647.96
Paper mills .....	262	17.87	18.02	18.70	18.52	-	782.71	825.32	835.89	824.14	-
Paperboard mills .....	263	17.81	18.03	18.56	18.43	-	783.64	816.76	816.64	821.98	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>
<b>Nondurable goods—Continued</b>											
Paper and allied products—Continued											
Paperboard containers and boxes .....	265	42.8	43.3	43.1	43.7	-	5.2	5.5	5.8	6.0	-
Corrugated and solid fiber boxes .....	2653	43.4	44.2	43.5	44.0	-	5.6	6.1	6.2	6.3	-
Sanitary food containers .....	2656	40.8	40.6	42.9	42.8	-	4.7	4.5	5.7	5.4	-
Folding paperboard boxes .....	2657	42.7	42.9	43.2	43.8	-	5.1	5.4	5.9	6.4	-
Misc. converted paper products .....	267	41.4	41.4	41.9	41.8	-	4.3	4.4	4.8	4.7	-
Paper, coated and laminated, nec .....	2672	42.3	41.8	43.4	42.5	-	3.7	3.7	4.5	3.9	-
Bags: plastics, laminated, and coated .....	2673	41.4	41.8	42.0	42.3	-	4.7	5.4	5.3	5.4	-
Envelopes .....	2677	40.8	41.5	41.2	41.8	-	3.3	3.9	4.2	4.5	-
Printing and publishing .....	27	38.2	38.6	37.9	38.5	38.9	3.3	3.7	2.9	3.4	-
Newspapers .....	271	32.6	32.8	32.8	33.1	-	1.3	1.4	1.2	1.3	-
Periodicals .....	272	37.6	38.9	35.9	36.5	-	3.9	4.2	2.0	3.5	-
Books .....	273	40.2	40.4	39.3	40.4	-	3.6	3.7	3.4	3.8	-
Book publishing .....	2731	39.1	38.4	37.6	37.9	-	2.1	2.0	1.5	1.8	-
Book printing .....	2732	41.3	42.6	41.2	43.0	-	5.4	5.5	5.5	5.9	-
Miscellaneous publishing .....	274	36.3	36.4	35.9	35.9	-	1.7	2.1	2.2	1.9	-
Commercial printing .....	275	39.9	40.4	39.4	40.2	-	4.0	4.6	3.5	4.2	-
Commercial printing, lithographic .....	2752	39.7	40.4	38.9	39.7	-	4.0	4.4	3.3	4.0	-
Commercial printing, nec .....	2759	39.9	40.3	39.8	40.2	-	3.8	4.5	3.6	3.9	-
Manifold business forms .....	276	41.2	41.7	41.2	41.1	-	3.9	4.3	4.0	4.2	-
Blankbooks and bookbinding .....	278	39.0	39.5	39.7	40.2	-	2.7	3.1	3.0	3.2	-
Printing trade services .....	279	38.7	39.4	38.8	39.1	-	4.0	4.2	3.8	4.2	-
Chemicals and allied products .....	28	42.8	43.2	42.9	42.9	43.2	4.9	5.0	4.8	4.9	-
Industrial inorganic chemicals .....	281	44.8	45.5	45.9	45.5	-	5.5	5.6	5.9	5.5	-
Industrial inorganic chemicals, nec .....	2819	45.0	45.4	46.2	45.8	-	5.8	5.9	6.2	5.9	-
Plastics materials and synthetics .....	282	43.8	43.6	43.9	44.3	-	5.9	6.1	5.6	5.9	-
Plastics materials and resins .....	2821	44.3	44.7	44.7	44.5	-	6.3	6.6	5.9	5.9	-
Organic fibers, noncellulosic .....	2824	45.0	44.5	44.9	45.8	-	5.9	5.7	5.4	5.9	-
Drugs .....	283	41.5	41.7	41.6	41.2	-	4.0	4.1	3.9	4.1	-
Pharmaceutical preparations .....	2834	41.4	41.6	41.4	41.4	-	3.8	4.0	3.7	3.9	-
Soap, cleaners, and toilet goods .....	284	40.6	41.5	40.3	40.6	-	3.6	3.8	3.2	3.6	-
Soap and other detergents .....	2841	44.0	44.1	42.3	42.1	-	4.1	5.0	4.0	4.4	-
Polishing, sanitation, and finishing preparations .....	2842,3	39.4	39.8	40.2	40.7	-	3.4	3.4	3.3	3.2	-
Toilet preparations .....	2844	39.5	41.1	39.5	39.8	-	3.5	3.3	2.8	3.4	-
Paints and allied products .....	285	42.3	42.9	42.6	42.4	-	3.5	3.9	4.6	4.5	-
Industrial organic chemicals .....	286	44.0	44.4	43.7	44.2	-	6.0	5.9	6.0	6.0	-
Cyclic crudes and intermediates .....	2865	45.1	43.6	44.2	45.3	-	7.5	5.6	6.2	6.2	-
Industrial organic chemicals, nec .....	2869	43.7	44.6	43.6	43.9	-	5.7	5.9	6.0	5.9	-
Agricultural chemicals .....	287	44.3	45.1	44.8	44.1	-	6.0	6.6	5.6	5.4	-
Miscellaneous chemical products .....	289	43.4	44.0	42.7	43.4	-	4.8	5.1	4.8	5.1	-
Petroleum and coal products .....	29	43.2	43.8	44.2	43.9	44.8	6.0	6.5	6.4	7.0	-
Petroleum refining .....	291	42.4	42.9	43.7	42.7	-	4.9	5.3	5.0	5.6	-
Asphalt paving and roofing materials .....	295	45.7	47.0	46.6	47.5	-	9.6	10.4	10.8	11.3	-
Rubber and misc. plastics products .....	30	41.1	41.8	40.8	41.6	42.0	4.0	4.4	4.1	4.4	-
Tires and inner tubes .....	301	43.5	43.8	41.0	43.5	-	6.3	5.9	5.0	5.5	-
Rubber and plastics footwear .....	302	39.5	39.1	40.3	39.8	-	2.1	1.7	3.5	-	-
Hose, belting, gaskets, and packing .....	305	41.4	41.6	41.1	41.9	-	3.8	4.1	4.1	4.3	-
Rubber and plastics hose and belting .....	3052	42.9	42.7	42.2	43.3	-	4.3	4.3	4.6	4.7	-
Fabricated rubber products, nec .....	306	40.6	41.4	40.3	42.3	-	3.4	4.0	3.4	4.3	-
Miscellaneous plastics products, nec .....	308	40.9	41.7	40.8	41.3	-	3.9	4.4	4.1	4.4	-
Leather and leather products .....	31	38.6	38.6	37.7	38.9	39.1	2.1	2.3	1.6	2.1	-
Leather tanning and finishing .....	311	42.5	42.8	40.6	45.2	-	5.6	5.8	5.7	7.0	-
Footwear, except rubber .....	314	37.8	37.8	37.6	37.6	-	1.5	1.6	.8	1.3	-
Men's footwear, except athletic .....	3143	37.8	37.7	37.5	37.2	-	1.7	1.5	.8	1.4	-
Women's footwear, except athletic .....	3144	38.9	38.5	39.3	39.1	-	1.5	1.6	.4	1.0	-
Luggage .....	316	37.8	38.5	34.7	38.5	-	1.6	2.4	.7	2.3	-
Handbags and personal leather goods .....	317	38.2	37.6	38.1	38.2	-	2.0	2.5	1.6	1.8	-
<b>Service-producing .....</b>		<b>33.0</b>	<b>32.7</b>	<b>32.9</b>	<b>33.1</b>	<b>33.0</b>	-	-	-	-	-
<b>Transportation and public utilities .....</b>		<b>39.8</b>	<b>39.7</b>	<b>39.8</b>	<b>40.2</b>	<b>40.3</b>	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>
<b>Nondurable goods—Continued</b>											
Paper and allied products—Continued											
Paperboard containers and boxes .....	265	\$12.13	\$12.17	\$12.53	\$12.56	-	\$519.16	\$526.96	\$540.04	\$548.87	-
Corrugated and solid fiber boxes .....	2653	12.22	12.21	12.49	12.55	-	530.35	539.68	543.32	552.20	-
Sanitary food containers .....	2656	12.24	12.32	12.56	12.58	-	499.39	500.19	538.82	538.42	-
Folding paperboard boxes .....	2657	12.74	12.83	13.21	13.27	-	544.00	550.41	570.67	581.23	-
Misc. converted paper products .....	267	12.34	12.46	12.85	12.80	-	510.88	515.84	538.42	535.04	-
Paper, coated and laminated, nec .....	2672	14.23	14.45	14.87	14.88	-	601.93	604.01	645.36	632.40	-
Bags: plastics, laminated, and coated .....	2673	11.40	11.54	11.72	11.63	-	471.96	482.37	492.24	491.95	-
Envelopes .....	2677	11.57	11.68	11.87	11.90	-	472.06	484.72	489.04	497.42	-
Printing and publishing .....	27	12.36	12.50	12.62	12.69	\$12.83	472.15	482.50	478.30	488.57	\$499.09
Newspapers .....	271	12.15	12.27	12.50	12.49	-	396.09	402.46	410.00	413.42	-
Periodicals .....	272	13.50	13.40	13.73	13.98	-	507.60	521.26	492.91	510.27	-
Books .....	273	11.48	11.82	12.02	12.10	-	461.50	477.53	472.39	488.84	-
Book publishing .....	2731	11.09	11.45	11.43	11.44	-	433.62	439.68	429.77	433.58	-
Book printing .....	2732	11.88	12.17	12.61	12.73	-	490.64	518.44	519.53	547.39	-
Miscellaneous publishing .....	274	11.65	11.86	12.33	12.32	-	422.90	431.70	442.65	442.29	-
Commercial printing .....	275	12.60	12.73	12.82	12.90	-	502.74	514.29	505.11	518.58	-
Commercial printing, lithographic .....	2752	12.71	12.79	13.03	13.14	-	504.59	516.72	506.87	521.66	-
Commercial printing, nec .....	2759	12.24	12.47	12.28	12.25	-	488.38	502.54	488.74	492.45	-
Manifold business forms .....	276	13.05	13.14	13.45	13.57	-	537.66	547.94	554.14	557.73	-
Blankbooks and bookbinding .....	278	9.68	9.78	9.92	9.94	-	377.52	386.31	393.82	399.59	-
Printing trade services .....	279	15.27	15.29	15.53	15.67	-	590.95	602.43	602.56	612.70	-
Chemicals and allied products .....	28	15.57	15.72	16.19	16.25	16.30	666.40	679.10	694.55	697.13	704.16
Industrial inorganic chemicals .....	281	17.32	17.53	18.02	18.20	-	775.94	797.62	827.12	828.10	-
Industrial inorganic chemicals, nec .....	2819	17.70	17.92	18.34	18.69	-	796.50	813.57	847.31	856.00	-
Plastics materials and synthetics .....	282	16.01	16.37	16.92	17.08	-	701.24	713.73	742.79	756.64	-
Plastics materials and resins .....	2821	17.89	18.17	18.37	18.63	-	792.53	812.20	821.14	829.04	-
Organic fibers, noncellulosic .....	2824	13.99	14.06	14.77	15.00	-	629.55	625.67	663.17	687.00	-
Drugs .....	283	15.05	15.22	15.84	15.93	-	624.58	634.67	658.94	656.32	-
Pharmaceutical preparations .....	2834	14.81	15.04	15.65	15.74	-	613.13	625.66	647.91	651.64	-
Soap, cleaners, and toilet goods .....	284	12.74	12.65	12.76	12.92	-	517.24	524.98	514.23	524.55	-
Soap and other detergents .....	2841	15.49	15.98	15.99	16.24	-	681.56	704.72	676.38	683.70	-
Polishing, sanitation, and finishing preparations .....	2842,3	11.95	12.06	12.23	12.27	-	470.83	479.99	491.65	499.39	-
Toilet preparations .....	2844	11.65	11.19	11.35	11.52	-	460.18	459.91	448.33	458.50	-
Paints and allied products .....	285	12.92	13.12	13.54	13.45	-	546.52	562.85	576.80	570.28	-
Industrial organic chemicals .....	286	19.14	19.26	19.70	19.60	-	842.16	855.14	860.89	866.32	-
Cyclic crudes and intermediates .....	2865	19.18	19.00	19.93	19.68	-	865.02	828.40	880.91	891.50	-
Industrial organic chemicals, nec .....	2869	19.25	19.43	19.78	19.70	-	841.23	866.58	862.41	864.83	-
Agricultural chemicals .....	287	15.83	16.18	16.20	16.22	-	701.27	729.72	725.76	715.30	-
Miscellaneous chemical products .....	289	14.47	14.55	14.98	14.93	-	628.00	640.20	639.65	647.96	-
Petroleum and coal products .....	29	19.14	19.40	19.00	18.95	19.34	826.85	849.72	839.80	831.91	866.43
Petroleum refining .....	291	21.29	21.46	21.11	21.07	-	902.70	920.63	922.51	899.69	-
Asphalt paving and roofing materials .....	295	14.81	15.19	14.89	15.01	-	676.82	713.93	693.87	712.98	-
Rubber and misc. plastics products .....	30	10.93	10.99	11.24	11.23	11.30	449.22	459.38	458.59	467.17	474.60
Tires and inner tubes .....	301	17.83	17.72	18.04	17.93	-	775.61	776.14	739.64	779.96	-
Rubber and plastics footwear .....	302	8.45	8.57	8.92	9.24	-	333.78	335.09	359.48	367.75	-
Hose, belting, gaskets, and packing .....	305	11.09	11.15	11.51	11.52	-	459.13	463.84	473.06	482.69	-
Rubber and plastics hose and belting .....	3052	11.31	11.39	11.77	11.67	-	485.20	486.35	496.69	505.31	-
Fabricated rubber products, nec .....	306	10.43	10.63	10.75	10.75	-	423.46	440.08	433.23	454.73	-
Miscellaneous plastics products, nec .....	308	10.25	10.32	10.61	10.58	-	419.23	430.34	432.89	436.95	-
Leather and leather products .....	31	8.14	8.24	8.44	8.66	8.76	314.20	318.06	318.19	336.87	342.52
Leather tanning and finishing .....	311	11.06	11.32	11.50	11.94	-	470.05	484.50	466.90	539.69	-
Footwear, except rubber .....	314	7.63	7.73	7.94	8.08	-	288.41	292.19	298.54	303.81	-
Men's footwear, except athletic .....	3143	8.20	8.26	8.68	8.92	-	309.96	311.40	325.50	331.82	-
Women's footwear, except athletic .....	3144	7.00	7.18	6.95	7.06	-	272.30	276.43	273.14	276.05	-
Luggage .....	316	8.09	8.33	8.43	8.70	-	305.80	320.71	292.52	334.95	-
Handbags and personal leather goods .....	317	7.45	7.49	7.55	7.54	-	284.59	281.62	287.66	288.03	-
<b>Service-producing .....</b>		<b>10.78</b>	<b>10.96</b>	<b>11.14</b>	<b>11.16</b>	<b>\$11.37</b>	<b>355.74</b>	<b>358.39</b>	<b>366.51</b>	<b>369.40</b>	<b>\$375.21</b>
<b>Transportation and public utilities .....</b>		<b>14.24</b>	<b>14.35</b>	<b>14.51</b>	<b>14.55</b>	<b>14.66</b>	<b>566.75</b>	<b>569.70</b>	<b>577.50</b>	<b>584.91</b>	<b>590.80</b>

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>
<b>Transportation and public utilities—Continued</b>											
Railroad transportation:											
Class I railroads plus Amtrak <sup>4</sup> .....	4011	45.5	46.3	48.0	49.0	-	-	-	-	-	-
Local and interurban passenger transit .....	41	34.6	33.4	35.5	35.6	-	-	-	-	-	-
Local and suburban transportation .....	411	38.1	38.5	38.5	39.0	-	-	-	-	-	-
Intercity and rural bus transportation .....	413	37.5	36.9	38.4	38.4	-	-	-	-	-	-
Trucking and warehousing .....	42	39.5	39.5	39.0	39.6	-	-	-	-	-	-
Trucking and courier services, except air .....	421	39.4	39.4	39.0	39.6	-	-	-	-	-	-
Public warehousing and storage .....	422	40.1	41.0	38.9	38.9	-	-	-	-	-	-
Water transportation:											
Water transportation services .....	449	37.2	37.1	37.0	37.9	-	-	-	-	-	-
Pipelines, except natural gas .....	46	44.0	44.5	43.6	44.5	-	-	-	-	-	-
Transportation services .....	47	38.1	37.6	37.7	37.8	-	-	-	-	-	-
Passenger transportation arrangement .....	472	37.2	36.4	37.1	36.8	-	-	-	-	-	-
Travel agencies .....	4724	37.3	36.3	36.7	36.4	-	-	-	-	-	-
Freight transportation arrangement .....	473	39.5	39.0	38.7	39.1	-	-	-	-	-	-
Communications .....	48	40.4	40.1	41.0	41.0	-	-	-	-	-	-
Telephone communications .....	481	42.3	41.7	42.9	42.9	-	-	-	-	-	-
Telephone communications, except radio .....	4813	42.3	41.9	43.6	43.5	-	-	-	-	-	-
Radio and television broadcasting .....	483	35.0	34.9	35.0	35.3	-	-	-	-	-	-
Cable and other pay television services .....	484	39.5	39.8	39.9	39.9	-	-	-	-	-	-
Electric, gas, and sanitary services .....	49	42.3	42.4	41.9	41.9	-	-	-	-	-	-
Electric services .....	491	42.4	42.4	41.8	41.7	-	-	-	-	-	-
Gas production and distribution .....	492	42.3	42.5	41.7	42.3	-	-	-	-	-	-
Combination utility services .....	493	42.3	42.6	41.9	41.7	-	-	-	-	-	-
Sanitary services .....	495	42.6	42.8	42.7	42.6	-	-	-	-	-	-
<b>Wholesale trade</b> .....		<b>38.3</b>	<b>38.3</b>	<b>38.1</b>	<b>38.4</b>	<b>38.6</b>	-	-	-	-	-
Durable goods .....	50	39.0	38.9	38.7	39.1	-	-	-	-	-	-
Motor vehicles, parts, and supplies .....	501	38.2	38.1	38.0	38.1	-	-	-	-	-	-
Furniture and home furnishings .....	502	37.6	37.7	37.3	37.8	-	-	-	-	-	-
Lumber and other construction materials .....	503	40.3	40.4	40.4	40.6	-	-	-	-	-	-
Professional and commercial equipment .....	504	39.1	38.8	38.6	39.2	-	-	-	-	-	-
Medical and hospital equipment .....	5047	38.4	37.7	38.8	39.2	-	-	-	-	-	-
Metals and minerals, except petroleum .....	505	40.8	41.1	40.4	41.4	-	-	-	-	-	-
Electrical goods .....	506	38.8	38.8	38.8	39.1	-	-	-	-	-	-
Hardware, plumbing, and heating equipment .....	507	39.1	38.7	38.6	38.9	-	-	-	-	-	-
Machinery, equipment, and supplies .....	508	39.4	39.3	39.1	39.3	-	-	-	-	-	-
Misc. wholesale trade durable goods .....	509	38.0	38.1	37.9	38.2	-	-	-	-	-	-
Nondurable goods .....	51	37.4	37.5	37.3	37.4	-	-	-	-	-	-
Paper and paper products .....	511	36.7	36.6	36.5	36.7	-	-	-	-	-	-
Drugs, proprietaries, and sundries .....	512	36.4	37.0	35.8	35.8	-	-	-	-	-	-
Apparel, piece goods, and notions .....	513	37.4	37.3	36.2	37.4	-	-	-	-	-	-
Groceries and related products .....	514	38.3	38.5	38.4	38.3	-	-	-	-	-	-
Farm-product raw materials .....	515	34.5	35.4	35.2	35.3	-	-	-	-	-	-
Chemicals and allied products .....	516	39.7	39.8	39.4	40.0	-	-	-	-	-	-
Petroleum and petroleum products .....	517	37.5	37.5	37.5	37.4	-	-	-	-	-	-
Beer, wine, and distilled beverages .....	518	37.5	37.2	37.9	37.7	-	-	-	-	-	-
Misc. wholesale trade nondurable goods .....	519	36.5	36.2	36.4	36.3	-	-	-	-	-	-
<b>Retail trade</b> .....		<b>29.5</b>	<b>28.9</b>	<b>29.4</b>	<b>29.5</b>	<b>29.1</b>	-	-	-	-	-
Building materials and garden supplies .....	52	36.0	35.8	35.8	35.7	-	-	-	-	-	-
Lumber and other building materials .....	521	37.5	37.5	37.4	37.2	-	-	-	-	-	-
Paint, glass, and wallpaper stores .....	523	37.0	36.8	36.5	36.9	-	-	-	-	-	-
Hardware stores .....	525	32.7	32.2	32.5	32.4	-	-	-	-	-	-
Retail nurseries and garden stores .....	526	32.7	32.0	32.5	32.0	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>
<b>Transportation and public utilities—Continued</b>											
Railroad transportation:											
Class I railroads plus Amtrak <sup>4</sup> .....	4011	\$17.27	\$17.52	\$17.67	\$17.69	-	\$785.79	\$811.18	\$848.16	\$866.81	-
Local and interurban passenger transit .....	41	10.66	10.60	10.85	10.92	-	368.84	354.04	385.18	388.75	-
Local and suburban transportation .....	411	11.27	11.29	11.41	11.43	-	429.39	434.67	439.29	445.77	-
Intercity and rural bus transportation .....	413	12.37	12.33	13.16	13.19	-	463.88	454.98	505.34	506.50	-
Trucking and warehousing .....	42	12.93	13.05	12.99	13.13	-	510.74	515.48	506.61	519.95	-
Trucking and courier services, except air .....	421	13.11	13.26	13.18	13.31	-	516.53	522.44	514.02	527.08	-
Public warehousing and storage .....	422	10.48	10.44	10.61	10.67	-	420.25	428.04	412.73	415.06	-
Water transportation:											
Water transportation services .....	449	17.52	18.57	18.86	17.65	-	651.74	688.95	697.82	668.94	-
Pipelines, except natural gas .....	46	19.79	20.31	20.36	20.01	-	870.76	903.80	887.70	890.45	-
Transportation services .....	47	12.50	12.52	12.69	12.86	-	476.25	470.75	478.41	486.11	-
Passenger transportation arrangement .....	472	12.29	12.39	12.53	12.81	-	457.19	451.00	464.86	471.41	-
Travel agencies .....	4724	12.65	12.71	12.84	13.16	-	471.85	461.37	471.23	479.02	-
Freight transportation arrangement .....	473	13.18	13.13	13.33	13.36	-	520.61	512.07	515.87	522.38	-
Communications .....	48	15.57	15.64	16.00	16.10	-	629.03	627.16	656.00	660.10	-
Telephone communications .....	481	16.21	16.30	16.58	16.78	-	685.68	679.71	711.28	719.86	-
Telephone communications, except radio .....	4813	16.57	16.62	16.92	17.17	-	700.91	696.38	737.71	746.90	-
Radio and television broadcasting .....	483	15.33	15.32	16.06	15.84	-	536.55	534.67	562.10	559.15	-
Cable and other pay television services .....	484	12.06	12.21	12.65	12.65	-	476.37	485.96	504.74	504.74	-
Electric, gas, and sanitary services .....	49	17.53	17.70	17.97	18.08	-	741.52	750.48	752.94	757.55	-
Electric services .....	491	18.40	18.50	19.03	19.14	-	780.16	784.40	795.45	798.14	-
Gas production and distribution .....	492	17.06	17.30	17.26	17.29	-	721.64	735.25	719.74	731.37	-
Combination utility services .....	493	21.43	21.71	21.82	22.02	-	906.49	924.85	914.26	918.23	-
Sanitary services .....	495	12.90	13.05	13.37	13.50	-	549.54	558.54	570.90	575.10	-
<b>Wholesale trade</b> .....		12.40	12.51	12.80	12.82	\$13.00	474.92	479.13	487.68	492.29	\$501.80
Durable goods .....	50	12.87	13.01	13.35	13.36	-	501.93	506.09	516.65	522.38	-
Motor vehicles, parts, and supplies .....	501	11.28	11.40	11.67	11.70	-	430.90	434.34	443.46	445.77	-
Furniture and home furnishings .....	502	11.12	11.28	11.83	11.87	-	418.11	425.26	441.26	448.69	-
Lumber and other construction materials .....	503	11.81	11.87	12.03	12.14	-	475.94	479.55	486.01	492.88	-
Professional and commercial equipment .....	504	15.55	15.58	16.00	15.91	-	608.01	604.50	617.60	623.67	-
Medical and hospital equipment .....	5047	13.55	13.73	14.64	14.84	-	520.32	517.62	568.03	581.73	-
Metals and minerals, except petroleum .....	505	12.62	12.76	12.98	12.99	-	514.90	524.44	524.39	537.79	-
Electrical goods .....	506	13.43	13.67	14.27	14.32	-	521.08	530.40	553.68	559.91	-
Hardware, plumbing, and heating equipment .....	507	12.14	12.25	12.63	12.61	-	474.67	474.08	487.52	490.53	-
Machinery, equipment, and supplies .....	508	12.89	13.14	13.30	13.34	-	507.87	516.40	520.03	524.26	-
Misc. wholesale trade durable goods .....	509	10.08	10.18	10.43	10.48	-	383.04	387.86	395.30	400.34	-
Nondurable goods .....	51	11.73	11.80	12.01	12.05	-	438.70	442.50	447.97	450.67	-
Paper and paper products .....	511	12.00	12.18	12.15	12.21	-	440.40	445.79	443.48	448.11	-
Drugs, proprietaries, and sundries .....	512	14.87	15.05	15.32	15.55	-	541.27	556.85	548.46	556.69	-
Apparel, piece goods, and notions .....	513	11.34	11.36	11.81	11.74	-	424.12	423.73	427.52	439.08	-
Groceries and related products .....	514	12.11	12.12	12.35	12.45	-	463.81	466.62	474.24	476.84	-
Farm-product raw materials .....	515	8.68	8.70	9.05	9.01	-	299.46	307.98	318.56	318.05	-
Chemicals and allied products .....	516	13.33	13.50	13.66	13.67	-	529.20	537.30	538.20	546.80	-
Petroleum and petroleum products .....	517	11.12	11.14	11.19	11.13	-	417.00	417.75	419.63	416.26	-
Beer, wine, and distilled beverages .....	518	13.32	13.44	13.92	13.81	-	499.50	499.97	527.57	520.64	-
Misc. wholesale trade nondurable goods .....	519	9.76	9.85	9.94	9.96	-	356.24	356.57	361.82	361.55	-
<b>Retail trade</b> .....		7.65	7.77	7.92	7.95	8.04	225.68	224.55	232.85	234.53	233.96
Building materials and garden supplies .....	52	9.12	9.28	9.38	9.45	-	328.32	332.22	335.80	337.37	-
Lumber and other building materials .....	521	9.43	9.58	9.81	9.90	-	353.63	359.25	366.89	368.28	-
Paint, glass, and wallpaper stores .....	523	9.82	9.97	10.04	10.04	-	363.34	366.90	366.46	370.48	-
Hardware stores .....	525	7.74	7.86	7.88	7.89	-	253.10	253.09	256.10	255.64	-
Retail nurseries and garden stores .....	526	8.15	8.38	8.20	8.33	-	266.51	268.16	266.50	266.56	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>2</sup>	Sept. 1996 <sup>2</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>2</sup>	Sept. 1996 <sup>2</sup>
<b>Retail trade—Continued</b>											
General merchandise stores .....	53	30.0	30.7	29.7	29.7	-	-	-	-	-	-
Department stores .....	531	30.1	31.0	29.7	29.7	-	-	-	-	-	-
Variety stores .....	533	28.2	27.4	27.9	28.2	-	-	-	-	-	-
Misc. general merchandise stores .....	539	30.0	29.3	30.8	30.5	-	-	-	-	-	-
Food stores .....	54	30.5	29.8	30.8	30.4	-	-	-	-	-	-
Grocery stores .....	541	30.7	30.0	31.0	30.5	-	-	-	-	-	-
Retail bakeries .....	546	28.8	28.0	28.4	28.7	-	-	-	-	-	-
Automotive dealers and service stations .....	55	35.8	35.4	35.4	35.8	-	-	-	-	-	-
New and used car dealers .....	551	37.2	36.6	36.7	37.1	-	-	-	-	-	-
Auto and home supply stores .....	553	38.0	37.9	37.9	38.3	-	-	-	-	-	-
Gasoline service stations .....	554	32.7	32.2	32.2	32.4	-	-	-	-	-	-
Automotive dealers, nec .....	559	35.2	33.8	35.8	35.6	-	-	-	-	-	-
Apparel and accessory stores .....	56	27.0	26.2	26.9	27.3	-	-	-	-	-	-
Men's and boys' clothing stores .....	561	29.2	29.0	28.8	29.0	-	-	-	-	-	-
Women's clothing stores .....	562	24.5	24.1	25.1	25.5	-	-	-	-	-	-
Family clothing stores .....	565	28.2	26.9	27.8	28.5	-	-	-	-	-	-
Shoe stores .....	566	27.1	26.2	27.1	27.0	-	-	-	-	-	-
Furniture and home furnishings stores .....	57	33.2	32.8	33.3	33.4	-	-	-	-	-	-
Furniture and home furnishings stores .....	571	33.4	33.3	33.4	33.5	-	-	-	-	-	-
Household appliance stores .....	572	34.9	34.6	34.8	34.6	-	-	-	-	-	-
Radio, television, and computer stores .....	573	32.5	31.9	32.9	33.0	-	-	-	-	-	-
Radio, television, and electronic stores .....	5731	32.2	31.7	33.6	33.0	-	-	-	-	-	-
Record and prerecorded tape stores .....	5735	27.9	26.4	26.7	27.8	-	-	-	-	-	-
Eating and drinking places <sup>5</sup> .....	58	26.0	25.0	26.0	26.2	-	-	-	-	-	-
Miscellaneous retail establishments .....	59	30.3	29.7	30.2	30.3	-	-	-	-	-	-
Drug stores and proprietary stores .....	591	29.1	28.5	29.3	29.3	-	-	-	-	-	-
Used merchandise stores .....	593	31.5	31.3	30.8	31.2	-	-	-	-	-	-
Miscellaneous shopping goods stores .....	594	28.9	27.9	29.2	29.1	-	-	-	-	-	-
Nonstore retailers .....	596	33.0	33.0	32.9	33.0	-	-	-	-	-	-
Fuel dealers .....	598	37.2	37.4	36.9	37.2	-	-	-	-	-	-
Retail stores, nec .....	599	31.8	31.1	30.7	30.9	-	-	-	-	-	-
Optical goods stores .....	5995	32.9	32.7	34.1	34.2	-	-	-	-	-	-
Miscellaneous retail stores, nec .....	5999	32.6	31.7	31.4	31.6	-	-	-	-	-	-
<b>Finance, insurance, and real estate<sup>6</sup></b> .....		35.7	35.7	35.5	35.7	36.6	-	-	-	-	-
Depository institutions .....	60	35.3	35.2	35.1	35.2	-	-	-	-	-	-
Commercial banks .....	602	35.1	35.1	34.9	35.0	-	-	-	-	-	-
State commercial banks .....	6022	35.4	35.3	35.3	35.4	-	-	-	-	-	-
National and commercial banks, nec .....	6021,9	35.0	34.9	34.5	34.8	-	-	-	-	-	-
Credit unions .....	606	35.8	35.6	35.6	35.9	-	-	-	-	-	-
Nondepository institutions .....	61	37.7	37.9	37.9	37.9	-	-	-	-	-	-
Personal credit institutions .....	614	38.2	37.9	39.0	38.6	-	-	-	-	-	-
Security and commodity brokers:											
Security and commodity services .....	628	36.0	36.2	36.1	36.2	-	-	-	-	-	-
Insurance carriers .....	63	37.7	37.9	37.7	38.0	-	-	-	-	-	-
Life insurance .....	631	37.4	37.5	37.4	37.4	-	-	-	-	-	-
Medical service and health insurance .....	632	38.6	38.7	38.4	39.0	-	-	-	-	-	-
Hospital and medical service plans .....	6324	38.5	38.7	38.3	39.1	-	-	-	-	-	-
Fire, marine, and casualty insurance .....	633	37.6	38.1	37.8	38.3	-	-	-	-	-	-
<b>Services</b> .....		32.7	32.3	32.5	32.7	32.6	-	-	-	-	-
Agricultural services .....	07	35.2	34.8	35.4	35.3	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>P</sup>	Sept. 1996 <sup>P</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>P</sup>	Sept. 1996 <sup>P</sup>
<b>Retail trade—Continued</b>											
General merchandise stores .....	53	\$7.51	\$7.60	\$7.87	\$7.87	-	\$225.30	\$233.32	\$233.74	\$233.74	-
Department stores .....	531	7.53	7.62	7.92	7.92	-	226.65	236.22	235.22	235.22	-
Variety stores .....	533	7.33	7.32	7.23	7.23	-	206.71	200.57	201.72	203.89	-
Misc. general merchandise stores .....	539	7.45	7.43	7.61	7.55	-	223.50	217.70	234.39	230.28	-
Food stores .....	54	8.10	8.22	8.27	8.30	-	247.05	244.96	254.72	252.32	-
Grocery stores .....	541	8.19	8.31	8.37	8.40	-	251.43	249.30	259.47	256.20	-
Retail bakeries .....	546	7.28	7.35	7.41	7.44	-	209.66	205.80	210.44	213.53	-
Automotive dealers and service stations .....	55	10.45	10.61	10.85	10.94	-	374.11	375.59	384.09	391.65	-
New and used car dealers .....	551	13.18	13.43	13.78	13.94	-	490.30	491.54	505.73	517.17	-
Auto and home supply stores .....	553	8.81	8.88	8.97	9.02	-	334.78	336.55	339.96	345.47	-
Gasoline service stations .....	554	6.93	7.00	7.10	7.11	-	226.61	225.40	228.62	230.36	-
Automotive dealers, nec .....	559	10.97	11.24	11.78	11.78	-	386.14	379.91	421.72	419.37	-
Apparel and accessory stores .....	56	7.38	7.51	7.65	7.59	-	199.26	196.76	205.79	207.21	-
Men's and boys' clothing stores .....	561	8.69	8.79	9.19	8.99	-	253.75	254.91	264.67	260.71	-
Women's clothing stores .....	562	7.01	7.21	7.54	7.54	-	171.75	173.76	189.25	192.27	-
Family clothing stores .....	565	7.33	7.46	7.55	7.51	-	206.71	200.67	209.89	214.04	-
Shoe stores .....	566	7.43	7.47	7.43	7.33	-	201.35	195.71	201.35	197.91	-
Furniture and home furnishings stores .....	57	10.10	10.28	10.72	10.62	-	335.32	337.18	356.98	354.71	-
Furniture and home furnishings stores .....	571	9.78	9.92	10.24	10.16	-	326.65	330.34	342.02	340.36	-
Household appliance stores .....	572	10.11	10.31	10.43	10.48	-	352.84	356.73	362.96	362.61	-
Radio, television, and computer stores .....	573	10.52	10.75	11.44	11.27	-	341.90	342.93	376.38	371.91	-
Radio, television, and electronic stores .....	5731	10.63	10.71	10.56	10.72	-	342.29	339.51	354.82	353.76	-
Record and prerecorded tape stores .....	5735	6.35	6.48	6.61	6.58	-	177.17	171.07	176.49	182.92	-
Eating and drinking places <sup>5</sup> .....	58	5.60	5.64	5.76	5.79	-	145.60	141.00	149.76	151.70	-
Miscellaneous retail establishments .....	59	8.45	8.56	8.70	8.70	-	256.04	254.23	262.74	263.61	-
Drug stores and proprietary stores .....	591	8.89	9.02	9.24	9.22	-	258.70	257.07	270.73	270.15	-
Used merchandise stores .....	593	7.07	7.12	7.28	7.33	-	222.71	222.86	224.22	228.70	-
Miscellaneous shopping goods stores .....	594	7.67	7.76	7.92	7.94	-	221.66	216.50	231.26	231.05	-
Nonstore retailers .....	596	9.10	9.12	9.40	9.38	-	300.30	300.96	309.26	309.54	-
Fuel dealers .....	598	11.43	11.64	11.67	11.55	-	425.20	435.34	430.62	429.66	-
Retail stores, nec .....	599	8.77	8.90	8.91	8.93	-	278.89	276.79	273.54	275.94	-
Optical goods stores .....	5995	10.99	11.35	11.05	11.01	-	361.57	371.15	376.81	376.54	-
Miscellaneous retail stores, nec .....	5999	9.05	9.14	9.08	9.16	-	295.03	289.74	285.11	289.46	-
<b>Finance, insurance, and real estate<sup>6</sup></b> .....		12.28	12.40	12.69	12.71	\$12.91	438.40	442.68	450.50	453.75	\$472.51
Depository institutions .....	60	9.57	9.64	9.86	9.89	-	337.82	339.33	346.09	348.13	-
Commercial banks .....	602	9.12	9.18	9.40	9.41	-	320.11	322.22	328.06	329.35	-
State commercial banks .....	6022	8.97	9.03	9.20	9.20	-	317.54	318.76	324.76	325.68	-
National and commercial banks, nec .....	6021,9	9.22	9.28	9.54	9.56	-	322.70	323.87	329.13	332.69	-
Credit unions .....	606	9.52	9.60	9.82	9.77	-	340.82	341.76	349.59	350.74	-
Nondepository institutions .....	61	12.63	12.70	12.83	12.84	-	476.15	481.33	486.26	486.64	-
Personal credit institutions .....	614	10.24	10.29	10.86	10.92	-	391.17	389.99	423.54	421.51	-
Security and commodity brokers:											
Security and commodity services .....	628	17.64	17.65	17.80	17.85	-	635.04	638.93	642.58	646.17	-
Insurance carriers .....	63	14.84	14.93	15.27	15.27	-	559.47	565.85	575.68	580.26	-
Life insurance .....	631	14.29	14.24	14.43	14.33	-	534.45	534.00	539.68	535.94	-
Medical service and health insurance .....	632	13.81	13.90	14.27	14.28	-	533.07	537.93	547.97	556.92	-
Hospital and medical service plans .....	6324	14.08	14.16	14.57	14.60	-	542.08	547.99	558.03	570.86	-
Fire, marine, and casualty insurance .....	633	16.09	16.21	16.72	16.77	-	604.98	617.60	632.02	642.29	-
<b>Services</b> .....		11.22	11.45	11.62	11.63	11.90	366.89	369.84	377.65	380.30	387.94
Agricultural services .....	07	8.79	9.02	9.03	9.06	-	309.41	313.90	319.66	319.82	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>
<b>Services—Continued</b>											
Agricultural services—Continued											
Veterinary services .....	074	29.6	28.7	29.5	29.6	-	-	-	-	-	-
Landscape and horticultural services .....	078	37.6	37.4	37.7	37.5	-	-	-	-	-	
Hotels and other lodging places:											
Hotels and motels <sup>5</sup> .....	701	31.9	31.2	31.3	31.7	-	-	-	-	-	
Personal services:											
Laundry, cleaning, and garment services .....	721	33.8	33.8	33.8	34.0	-	-	-	-	-	
Beauty shops <sup>5</sup> .....	723	27.8	27.7	27.1	27.6	-	-	-	-	-	
Miscellaneous personal services .....	729	26.9	26.1	26.7	26.9	-	-	-	-	-	
Business services .....											
Advertising .....	731	36.2	36.3	35.4	35.8	-	-	-	-	-	
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services .....	7334	37.0	36.8	36.4	36.9	-	-	-	-	-	
Services to buildings .....	734	28.8	28.3	28.2	28.7	-	-	-	-	-	
Disinfecting and pest control services .....	7342	37.8	37.9	36.6	37.3	-	-	-	-	-	
Building maintenance services, nec .....	7349	28.0	27.4	27.4	27.9	-	-	-	-	-	
Miscellaneous equipment rental and leasing .....	735	39.3	39.3	39.4	39.4	-	-	-	-	-	
Medical equipment rental .....	7352	39.1	39.2	37.0	36.8	-	-	-	-	-	
Heavy construction equipment rental .....	7353	40.2	39.8	40.4	41.0	-	-	-	-	-	
Equipment rental and leasing, nec .....	7359	39.0	39.1	39.7	39.6	-	-	-	-	-	
Personnel supply services:											
Help supply services .....	7363	32.1	31.6	32.2	32.5	-	-	-	-	-	
Computer and data processing services .....	737	37.4	37.8	37.2	37.6	-	-	-	-	-	
Computer programming services .....	7371	37.8	38.1	37.5	38.0	-	-	-	-	-	
Computer integrated systems design .....	7373	37.5	37.6	37.4	37.9	-	-	-	-	-	
Information retrieval services .....	7375	36.3	36.7	38.5	38.5	-	-	-	-	-	
Computer maintenance and repair .....	7378	38.8	39.0	38.7	39.2	-	-	-	-	-	
Miscellaneous business services .....											
Detective and armored car services .....	7381	33.9	33.8	34.4	34.5	-	-	-	-	-	
Security systems services .....	7382	35.2	36.1	35.8	36.4	-	-	-	-	-	
Auto repair, services, and parking .....											
Automotive rentals, without drivers .....	751	36.6	36.0	36.7	36.6	-	-	-	-	-	
Passenger car rental .....	7514	36.8	35.9	37.1	36.8	-	-	-	-	-	
Automobile parking .....	752	32.9	33.5	32.8	33.1	-	-	-	-	-	
Automotive repair shops .....	753	38.2	38.1	38.1	38.6	-	-	-	-	-	
Automotive and tire repair shops .....	7532,4	37.6	37.7	37.8	38.5	-	-	-	-	-	
General automotive repair shops .....	7538	37.7	37.5	37.5	38.1	-	-	-	-	-	
Automotive services, except repair .....	754	32.3	30.8	32.1	32.4	-	-	-	-	-	
Carwashes .....	7542	30.6	28.8	30.0	30.1	-	-	-	-	-	
Miscellaneous repair services .....											
Motion pictures .....	78	30.3	29.8	31.4	30.8	-	-	-	-	-	
Motion picture production and services .....	781	38.4	38.8	39.0	39.0	-	-	-	-	-	
Video tape rental .....	784	24.4	23.7	25.0	24.3	-	-	-	-	-	
Amusement and recreation services .....											
Bowling centers .....	793	25.0	25.0	24.3	25.1	-	-	-	-	-	
Misc. amusement and recreation services .....	799	29.0	26.5	29.0	29.0	-	-	-	-	-	
Physical fitness facilities .....	7991	19.1	18.5	18.4	18.5	-	-	-	-	-	
Membership sports and recreation clubs .....	7997	29.4	28.3	30.0	29.3	-	-	-	-	-	
Health services .....											
Offices and clinics of medical doctors .....	801	32.4	32.5	32.5	32.9	-	-	-	-	-	
Offices and clinics of dentists .....	802	27.8	27.7	27.9	28.0	-	-	-	-	-	
Offices and clinics of other health practitioners .....	804	29.8	29.8	29.4	29.8	-	-	-	-	-	
Nursing and personal care facilities .....	805	32.4	32.6	32.7	32.3	-	-	-	-	-	
Intermediate care facilities .....	8052	31.9	32.2	32.5	32.1	-	-	-	-	-	
Hospitals .....	806	34.5	34.4	34.3	34.4	-	-	-	-	-	

See footnotes at end of table.



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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>
<b>Services—Continued</b>											
Agricultural services—Continued											
Veterinary services .....	074	\$8.70	\$8.92	\$8.95	\$8.97	-	\$257.52	\$256.00	\$264.03	\$265.51	-
Landscape and horticultural services .....	078	8.86	9.11	9.13	9.16	-	333.14	340.71	344.20	343.50	-
Hotels and other lodging places:											
Hotels and motels <sup>5</sup> .....	701	7.69	7.97	7.96	7.95	-	245.31	248.66	249.15	252.02	-
Personal services:											
Laundry, cleaning, and garment services .....	721	7.55	7.59	7.78	7.73	-	255.19	256.54	262.96	262.82	-
Beauty shops <sup>5</sup> .....	723	8.67	8.62	8.96	8.92	-	241.03	238.77	242.82	246.19	-
Miscellaneous personal services .....	729	8.56	8.74	8.82	8.75	-	230.26	228.11	235.49	235.38	-
Business services											
Advertising .....	73	10.62	10.72	11.14	11.14	-	351.52	352.89	368.73	372.08	-
Advertising .....	731	15.76	15.92	16.37	16.48	-	570.51	577.90	579.50	589.98	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services .....	7334	10.08	10.32	10.58	10.58	-	372.96	379.78	385.11	390.40	-
Services to buildings .....	734	7.47	7.53	7.69	7.67	-	215.14	213.10	216.86	220.13	-
Disinfecting and pest control services .....	7342	9.83	9.77	10.10	10.12	-	371.57	370.28	369.66	377.48	-
Building maintenance services, nec .....	7349	7.18	7.25	7.39	7.36	-	201.04	198.65	202.49	205.34	-
Miscellaneous equipment rental and leasing .....	735	11.04	11.22	11.39	11.57	-	433.87	440.95	448.77	455.86	-
Medical equipment rental .....	7352	10.34	10.49	10.59	10.77	-	404.29	411.21	391.83	396.34	-
Heavy construction equipment rental .....	7353	14.61	14.82	15.11	15.30	-	587.32	589.84	610.44	627.30	-
Equipment rental and leasing, nec .....	7359	10.14	10.29	10.41	10.56	-	395.46	402.34	413.28	418.18	-
Personnel supply services:											
Help supply services .....	7363	8.79	8.80	9.17	9.09	-	282.16	278.08	295.27	295.43	-
Computer and data processing services .....	737	17.65	17.79	18.55	18.70	-	660.11	672.46	690.06	703.12	-
Computer programming services .....	7371	20.31	20.64	21.33	21.62	-	767.72	786.38	799.88	821.56	-
Computer integrated systems design .....	7373	18.72	18.95	19.41	19.13	-	702.00	712.52	725.93	725.03	-
Information retrieval services .....	7375	14.54	14.44	14.53	14.54	-	527.80	529.95	559.41	559.79	-
Computer maintenance and repair .....	7378	14.05	14.20	14.25	13.87	-	545.14	553.80	551.48	543.70	-
Miscellaneous business services .....	738	9.08	9.20	9.48	9.49	-	299.64	305.44	313.79	316.02	-
Detective and armored car services .....	7381	7.09	7.15	7.45	7.40	-	240.35	241.67	256.28	255.30	-
Security systems services .....	7382	11.21	11.24	11.56	11.77	-	394.59	405.76	413.85	428.43	-
Auto repair, services, and parking											
Automotive rentals, without drivers .....	75	9.94	9.97	10.18	10.19	-	360.82	357.92	369.53	372.95	-
Automotive rentals, without drivers .....	751	9.72	9.73	9.74	9.70	-	355.75	350.28	357.46	355.02	-
Passenger car rental .....	7514	8.77	8.71	8.76	8.73	-	322.74	312.69	325.00	321.26	-
Automobile parking .....	752	7.29	7.28	7.38	7.45	-	239.84	243.88	242.06	246.60	-
Automotive repair shops .....	753	11.09	11.12	11.39	11.39	-	423.64	423.67	433.96	439.65	-
Automotive and tire repair shops .....	7532,4	11.66	11.66	11.87	11.89	-	438.42	439.58	448.69	457.77	-
General automotive repair shops .....	7538	11.07	11.08	11.43	11.43	-	417.34	415.50	428.63	435.48	-
Automotive services, except repair .....	754	7.41	7.47	7.62	7.67	-	239.34	230.08	244.60	248.51	-
Carwashes .....	7542	6.40	6.44	6.64	6.65	-	195.84	185.47	199.20	200.17	-
Miscellaneous repair services											
Miscellaneous repair services .....	76	11.70	11.75	12.06	12.08	-	450.45	451.20	459.49	461.46	-
Motion pictures											
Motion picture production and services .....	78	12.78	14.03	12.90	13.49	-	387.23	418.09	405.06	415.49	-
Motion picture production and services .....	781	18.86	19.93	18.43	18.99	-	724.22	773.28	718.77	740.61	-
Video tape rental .....	784	5.75	5.91	5.91	5.93	-	140.30	140.07	147.75	144.10	-
Amusement and recreation services											
Amusement and recreation services .....	79	8.21	8.82	8.32	8.32	-	233.99	233.73	236.29	237.12	-
Bowling centers .....	793	6.98	6.78	7.19	7.17	-	174.50	169.50	174.72	179.97	-
Misc. amusement and recreation services .....	799	7.66	8.29	7.80	7.79	-	222.14	219.69	226.20	225.91	-
Physical fitness facilities .....	7991	7.99	8.07	8.02	7.92	-	152.61	149.30	147.57	146.52	-
Membership sports and recreation clubs .....	7997	7.99	8.43	8.13	8.16	-	234.91	238.57	243.90	239.09	-
Health services											
Health services .....	80	12.43	12.54	12.82	12.82	-	406.46	410.06	417.93	419.21	-
Offices and clinics of medical doctors .....	801	12.46	12.58	13.06	13.12	-	403.70	408.85	424.45	431.65	-
Offices and clinics of dentists .....	802	12.39	12.46	12.84	12.92	-	344.44	345.14	358.24	361.76	-
Offices and clinics of other health practitioners .....	804	11.41	11.57	11.83	11.89	-	340.02	344.79	347.80	354.32	-
Nursing and personal care facilities .....	805	8.75	8.83	8.99	8.96	-	283.50	287.86	293.97	289.41	-
Intermediate care facilities .....	8052	8.13	8.19	8.36	8.34	-	259.35	263.72	271.70	267.71	-
Hospitals .....	806	14.30	14.43	14.71	14.66	-	493.35	496.39	504.55	504.30	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>a</sup>	Sept. 1996 <sup>a</sup>
<b>Services—Continued</b>											
Health services—Continued											
Home health care services .....	808	28.6	28.4	28.0	28.2	-	-	-	-	-	-
Legal services .....	81	34.7	34.5	34.4	34.6	-	-	-	-	-	-
Social services .....	83	31.1	31.1	30.9	31.1	-	-	-	-	-	-
Individual and family services .....	832	31.1	31.3	30.7	30.9	-	-	-	-	-	-
Job training and related services .....	833	31.0	31.0	30.4	31.0	-	-	-	-	-	-
Child day care services .....	835	30.2	29.8	30.2	30.1	-	-	-	-	-	-
Residential care .....	836	31.9	32.0	32.2	31.9	-	-	-	-	-	-
Social services, nec .....	839	31.1	31.3	30.6	31.5	-	-	-	-	-	-
Membership organizations:											
Professional organizations .....	862	34.8	34.8	34.4	34.4	-	-	-	-	-	-
Engineering and management services .....	87	37.1	36.9	36.7	37.0	-	-	-	-	-	-
Engineering and architectural services .....	871	39.0	39.0	38.8	39.1	-	-	-	-	-	-
Engineering services .....	8711	39.2	39.2	39.1	39.4	-	-	-	-	-	-
Architectural services .....	8712	38.3	38.1	37.6	38.0	-	-	-	-	-	-
Surveying services .....	8713	38.1	37.9	37.7	38.2	-	-	-	-	-	-
Accounting, auditing, and bookkeeping .....	872	36.0	35.8	35.5	35.4	-	-	-	-	-	-
Research and testing services .....	873	36.4	36.3	36.3	36.6	-	-	-	-	-	-
Commercial physical research .....	8731	39.1	39.2	39.6	40.0	-	-	-	-	-	-
Commercial nonphysical research .....	8732	30.1	29.5	30.3	30.7	-	-	-	-	-	-
Noncommercial research organizations .....	8733	36.6	36.5	35.8	36.1	-	-	-	-	-	-
Management and public relations .....	874	36.3	35.7	35.6	36.0	-	-	-	-	-	-
Management services .....	8741	36.1	34.9	35.1	35.6	-	-	-	-	-	-
Management consulting services .....	8742	35.8	35.4	35.3	35.7	-	-	-	-	-	-
Public relations services .....	8743	33.1	32.9	34.0	34.2	-	-	-	-	-	-
Services, nec .....	89	37.3	36.8	35.9	35.6	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>
<b>Services—Continued</b>											
Health services—Continued											
Home health care services .....	808	\$10.90	\$11.03	\$11.21	\$11.18	-	\$311.74	\$313.25	\$313.88	\$315.28	-
Legal services .....	81	15.93	16.09	16.62	16.54	-	552.77	555.11	571.73	572.28	-
Social services .....	83	8.25	8.38	8.47	8.49	-	256.58	260.62	261.72	264.04	-
Individual and family services .....	832	8.79	8.92	9.02	9.02	-	273.37	279.20	276.91	278.72	-
Job training and related services .....	833	8.03	8.17	7.96	8.12	-	248.93	253.27	241.98	251.72	-
Child day care services .....	835	6.82	7.13	7.08	7.09	-	205.96	212.47	213.82	213.41	-
Residential care .....	836	8.46	8.55	8.69	8.68	-	269.87	273.60	279.82	276.89	-
Social services, nec .....	839	9.87	9.90	10.36	10.19	-	306.96	309.87	317.02	320.99	-
Membership organizations:											
Professional organizations .....	862	15.75	15.87	16.55	16.53	-	548.10	552.28	569.32	568.63	-
Engineering and management services .....	87	15.65	15.90	16.20	16.28	-	580.62	586.71	594.54	602.36	-
Engineering and architectural services .....	871	17.14	17.42	17.71	17.84	-	668.46	679.38	687.15	697.54	-
Engineering services .....	8711	17.83	18.10	18.45	18.58	-	698.94	709.52	721.40	732.05	-
Architectural services .....	8712	15.47	15.82	16.04	16.14	-	592.50	602.74	603.10	613.32	-
Surveying services .....	8713	12.33	12.51	12.86	12.94	-	469.77	474.13	484.82	494.31	-
Accounting, auditing, and bookkeeping .....	872	14.05	14.24	14.18	14.19	-	505.80	509.79	503.39	502.33	-
Research and testing services .....	873	16.30	16.77	17.03	17.14	-	593.32	608.75	618.19	627.32	-
Commercial physical research .....	8731	18.62	18.98	19.26	19.39	-	728.04	744.02	762.70	775.60	-
Commercial nonphysical research .....	8732	12.11	12.72	13.30	13.04	-	364.51	375.24	402.99	400.33	-
Noncommercial research organizations .....	8733	18.38	19.15	19.75	20.07	-	672.71	698.98	707.05	724.53	-
Management and public relations .....	874	14.41	14.54	15.11	15.18	-	523.08	519.08	537.92	546.48	-
Management services .....	8741	12.83	13.05	13.54	13.63	-	463.16	455.45	475.25	485.23	-
Management consulting services .....	8742	16.75	16.96	17.25	17.13	-	599.65	600.38	608.93	611.54	-
Public relations services .....	8743	13.77	14.10	14.36	14.34	-	455.79	463.89	488.24	490.43	-
Services, nec .....	89	14.76	15.21	16.01	16.21	-	550.55	559.73	574.76	577.08	-

<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> Publication of data for SIC'S 351, 3511, 363, 3632, 372, and 3724 has been temporarily suspended, as these series are being recalculated to incorporate data inadvertently omitted from the estimates. Data from March 1995 forward are being revised.

<sup>3</sup> See table B-15a for average hourly earnings in aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3761) manufacturing.

<sup>4</sup> Data relate to line-haul railroads with operating revenues of \$253.7 million or more in 1993 and to Amtrak.

<sup>5</sup> Money payments only; tips, not included.

<sup>6</sup> Excludes nonoffice commissioned real estate sales agents.

- Data not available.

<sup>p</sup> = preliminary.

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

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

For many years, the Bureau of Labor Statistics average hourly 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 B-15a along with the average hourly earnings series produced as part of the Current Employment Statistics program. An explanation of the methodology used to derive these series appears in the Explanatory Notes of this publication.

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

Series	Aircraft (SIC 3721)				Guided missiles and space vehicles (SIC 3761)			
	July 1995	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	July 1995	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
Average hourly earnings, excluding lump-sum payments .....	\$20.17	\$20.28	\$20.48	\$20.68	\$18.40	\$18.72	\$19.36	\$19.48
Average hourly earnings, including lump-sum payments .....	20.19	20.30	20.78	20.97	18.42	18.75	19.36	19.48

<sup>P</sup> = preliminary.

**ESTABLISHMENT DATA  
EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>
<b>Manufacturing</b> .....	\$11.71	\$11.78	\$12.16	\$12.11	\$12.18
<b>Durable goods</b> .....	12.24	12.31	12.67	12.64	12.73
Lumber and wood products .....	9.68	9.74	9.94	9.96	(?)
Furniture and fixtures .....	9.50	9.53	9.74	9.75	(?)
Stone, clay, and glass products .....	11.65	11.69	12.06	12.01	(?)
Primary metal industries .....	13.69	13.73	14.10	13.99	(?)
Fabricated metal products .....	11.46	11.51	11.85	11.83	(?)
Industrial machinery and equipment .....	12.51	12.57	12.85	12.92	(?)
Electronic and other electrical equipment .....	11.18	11.19	11.70	11.65	(?)
Transportation equipment .....	15.68	15.84	16.42	16.17	(?)
Instruments and related products .....	12.20	12.28	12.65	12.63	(?)
Miscellaneous manufacturing .....	9.62	9.71	10.04	10.03	(?)
<b>Nondurable goods</b> .....	10.99	11.05	11.42	11.35	\$11.39
Food and kindred products .....	10.22	10.27	10.62	10.51	(?)
Tobacco products .....	17.48	16.87	19.62	19.07	(?)
Textile mill products .....	8.96	9.02	9.19	9.19	(?)
Apparel and other textile products .....	7.49	7.51	7.74	7.72	(?)
Paper and allied products .....	13.37	13.45	13.87	13.79	(?)
Printing and publishing .....	11.85	11.93	12.15	12.15	(?)
Chemicals and allied products .....	14.73	14.86	15.33	15.36	(?)
Petroleum and coal products .....	17.90	18.07	17.71	17.56	(?)
Rubber and misc. plastics products .....	10.42	10.44	10.70	10.67	(?)
Leather and leather products .....	7.92	8.00	8.26	8.42	(?)

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

<sup>2</sup> Not available.

<sup>p</sup> = preliminary.

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

**ESTABLISHMENT DATA  
EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	Average hourly earnings					Average weekly earnings				
	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>	Aug. 1995	Sept. 1995	July 1996	Aug. 1996 <sup>p</sup>	Sept. 1996 <sup>p</sup>
<b>Total private:</b>										
Current dollars .....	\$11.37	\$11.55	\$11.74	\$11.76	\$11.96	\$395.68	\$399.63	\$406.20	\$409.25	\$417.40
Constant (1982) dollars .....	7.34	7.43	7.37	7.38	( <sup>2</sup> )	255.28	257.16	255.15	256.74	( <sup>2</sup> )
<b>Mining:</b>										
Current dollars .....	15.29	15.35	15.53	15.51	\$15.82	683.46	696.89	695.74	701.05	\$724.56
Constant (1982) dollars .....	9.86	9.88	9.76	9.73	( <sup>2</sup> )	440.94	448.45	437.02	439.81	( <sup>2</sup> )
<b>Construction:</b>										
Current dollars .....	15.20	15.34	15.48	15.55	\$15.74	604.96	612.07	616.10	618.89	\$624.88
Constant (1982) dollars .....	9.81	9.87	9.72	9.76	( <sup>2</sup> )	390.30	393.87	387.00	388.26	( <sup>2</sup> )
<b>Manufacturing:</b>										
Current dollars .....	12.35	12.47	12.79	12.79	\$12.90	512.53	523.74	525.67	534.62	\$545.67
Constant (1982) dollars .....	7.97	8.02	8.03	8.02	( <sup>2</sup> )	330.66	337.03	330.19	335.40	( <sup>2</sup> )
<b>Transportation and public utilities:</b>										
Current dollars .....	14.24	14.35	14.51	14.55	\$14.66	566.75	569.70	577.50	584.91	\$590.80
Constant (1982) dollars .....	9.19	9.23	9.11	9.13	( <sup>2</sup> )	365.65	366.60	362.75	366.94	( <sup>2</sup> )
<b>Wholesale trade:</b>										
Current dollars .....	12.40	12.51	12.80	12.82	\$13.00	474.92	479.13	487.68	492.29	\$501.80
Constant (1982) dollars .....	8.00	8.05	8.04	8.04	( <sup>2</sup> )	306.40	308.32	306.33	308.84	( <sup>2</sup> )
<b>Retail trade:</b>										
Current dollars .....	7.65	7.77	7.92	7.95	\$8.04	225.68	224.55	232.85	234.53	\$233.96
Constant (1982) dollars .....	4.94	5.00	4.97	4.99	( <sup>2</sup> )	145.60	144.50	146.26	147.13	( <sup>2</sup> )
<b>Finance, insurance, and real estate:</b>										
Current dollars .....	12.28	12.40	12.69	12.71	\$12.91	438.40	442.68	450.50	453.75	\$472.51
Constant (1982) dollars .....	7.92	7.98	7.97	7.97	( <sup>2</sup> )	282.84	284.86	282.98	284.66	( <sup>2</sup> )
<b>Services:</b>										
Current dollars .....	11.22	11.45	11.62	11.63	\$11.90	366.89	369.84	377.65	380.30	\$387.94
Constant (1982) dollars .....	7.24	7.37	7.30	7.30	( <sup>2</sup> )	236.70	237.99	237.22	238.58	( <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 1995 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1995 forward are subject to revision.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Alabama</b> .....	41.2	41.6	42.1	\$11.05	\$11.59	\$11.64	\$455.26	\$482.14	\$490.04
Birmingham .....	41.1	42.6	44.1	12.05	12.57	12.51	495.26	535.48	551.69
Mobile .....	43.9	43.0	42.8	13.08	13.74	13.99	574.21	590.82	598.77
<b>Alaska</b> .....	53.8	54.6	50.4	10.79	10.45	10.55	580.50	570.57	531.72
<b>Arizona</b> .....	42.6	42.3	43.1	11.04	11.72	11.63	470.30	495.76	501.25
<b>Arkansas</b> .....	41.1	41.3	41.6	10.14	10.42	10.43	416.75	430.35	433.89
Fayetteville-Springdale-Rogers .....	41.4	40.2	40.0	9.78	9.89	9.80	404.89	397.58	392.00
Fort Smith .....	42.4	41.3	42.8	9.95	10.38	10.32	421.88	428.69	441.70
Little Rock-North Little Rock .....	41.6	41.8	42.1	10.77	11.30	11.40	448.03	472.34	479.94
Pine Bluff .....	41.3	42.6	43.3	11.98	12.03	11.75	494.77	512.48	508.78
<b>California</b> .....	41.4	41.1	41.7	12.54	12.85	12.88	519.16	528.14	537.10
Bakersfield .....	40.7	41.3	40.7	13.13	13.65	13.57	534.39	563.75	552.30
Fresno .....	42.3	41.5	42.1	10.94	11.05	11.09	462.76	458.58	466.89
Los Angeles-Long Beach .....	41.8	41.7	41.8	11.88	12.02	12.07	496.58	501.23	504.53
Modesto .....	43.8	40.7	42.3	12.28	12.55	12.42	537.86	510.79	525.37
Oakland .....	41.9	42.0	42.2	15.20	15.67	15.57	636.88	658.14	657.05
Orange County .....	42.3	41.7	42.0	12.48	12.99	12.92	527.90	541.68	542.64
Riverside-San Bernardino .....	41.2	41.5	41.3	11.31	11.52	11.73	465.97	478.08	484.45
Sacramento .....	41.2	39.4	41.2	13.80	13.87	13.75	568.56	546.48	566.50
Salinas .....	39.6	39.7	39.7	13.16	13.35	13.23	521.14	530.00	525.23
San Diego .....	40.0	39.4	39.7	12.44	12.81	12.86	497.60	504.71	510.54
San Francisco .....	39.8	41.1	40.9	13.49	14.05	14.11	536.90	577.46	577.10
San Jose .....	42.0	40.8	40.9	15.23	15.72	15.67	639.66	641.38	640.90
Santa Barbara-Santa Maria-Lompoc .....	40.6	41.3	41.4	12.66	13.05	13.34	514.00	538.97	552.28
Santa Rosa .....	39.1	39.5	39.9	14.11	14.63	14.45	551.70	577.89	576.56
Stockton-Lodi .....	45.7	41.9	44.8	12.77	12.85	12.89	583.59	538.42	577.47
Vallejo-Fairfield-Napa .....	39.8	39.6	40.1	14.80	14.57	14.58	589.04	576.97	584.66
Ventura .....	40.7	41.2	41.9	12.15	12.28	12.37	494.51	505.94	518.30
<b>Colorado</b> .....	40.7	40.4	41.4	12.57	12.94	12.93	511.60	522.78	535.30
Denver .....	41.0	41.0	41.6	12.83	12.96	12.98	526.03	531.36	539.97
<b>Connecticut</b> .....	42.5	42.1	42.5	13.69	14.07	14.03	581.83	592.35	596.28
Bridgeport .....	42.0	41.7	42.9	14.10	14.85	14.45	592.20	619.25	619.91
Danbury .....	44.9	44.3	45.8	13.45	14.61	14.67	603.91	647.22	671.89
Hartford .....	42.5	42.5	42.2	13.99	14.95	14.95	594.58	635.38	630.89
New Haven-Meriden .....	40.4	41.6	41.4	12.93	13.39	13.55	522.37	557.02	560.97
New London-Norwich .....	43.3	42.0	42.8	14.51	14.69	14.69	628.28	616.98	628.73
Stamford-Norwalk .....	40.5	40.7	41.6	13.71	13.91	13.80	555.26	566.14	574.08
Waterbury .....	44.3	42.8	43.4	12.70	12.95	13.05	562.61	554.26	566.37
<b>Delaware</b> .....	39.7	40.6	40.9	14.08	13.93	13.57	558.98	565.56	555.01
Dover .....	37.2	39.1	39.3	12.43	12.52	12.83	462.40	489.53	504.22
Wilmington-Newark .....	41.0	41.8	41.4	16.53	16.93	16.64	677.73	707.67	688.90
<b>District of Columbia:</b>									
Washington PMSA .....	39.6	38.9	38.9	13.71	13.80	13.83	542.92	536.82	537.99
<b>Florida</b> .....	41.7	40.6	41.4	10.27	10.53	10.58	428.26	427.52	438.01
<b>Georgia</b> .....	42.3	42.1	42.5	10.81	11.14	11.17	457.26	468.99	474.73
Atlanta .....	43.7	42.6	42.1	12.09	12.00	12.00	528.33	511.20	505.20
Savannah .....	46.0	46.2	47.9	14.04	14.00	14.08	645.84	646.80	674.43
<b>Hawaii</b> .....	38.7	38.2	38.5	12.87	12.64	12.81	498.07	482.85	493.19
Honolulu .....	39.8	38.7	39.2	13.30	12.98	12.96	529.34	502.33	508.03
<b>Idaho</b> .....	39.5	40.0	39.6	11.65	11.86	12.02	460.18	474.40	475.99
<b>Illinois</b> .....	41.5	41.6	41.6	12.67	12.98	12.99	525.81	539.97	540.38
Bloomington-Normal .....	45.3	42.0	43.9	17.60	17.37	17.95	797.28	729.54	788.01
Champaign-Urbana .....	41.1	41.5	41.2	10.66	10.83	11.02	438.13	449.45	454.02
Chicago .....	41.6	41.7	41.8	12.61	12.91	12.97	524.58	538.35	542.15
Davenport-Moline-Rock Island .....	41.6	42.1	41.9	14.41	14.86	14.85	599.46	625.61	622.22
Decatur .....	42.2	42.7	42.8	14.92	15.84	15.90	629.62	676.37	680.52
Kankakee .....	41.5	41.8	41.8	13.67	14.19	14.16	567.31	593.14	591.89
Peoria-Pekin .....	40.5	40.5	40.7	15.30	15.90	15.93	619.65	643.95	648.35
Rockford .....	41.4	42.6	42.3	14.39	15.10	15.06	595.75	643.26	637.04
Springfield .....	41.0	40.4	40.9	11.75	11.77	11.97	481.75	475.51	489.57
<b>Indiana</b> .....	42.5	42.3	42.6	13.90	14.10	14.06	590.75	596.43	598.96
Bloomington .....	36.7	37.5	37.9	10.69	10.54	10.85	392.32	395.25	411.22
Elkhart-Goshen .....	38.7	39.6	40.0	11.68	12.01	11.97	452.02	475.60	478.80
Evansville-Henderson .....	42.1	41.5	41.4	12.94	12.92	13.13	544.77	536.18	543.58

See footnotes at end of table.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Indiana-Continued</b>									
Fort Wayne .....	39.9	41.6	41.5	\$14.05	\$14.54	\$14.42	\$560.60	\$604.86	\$598.43
Gary .....	41.3	41.6	41.0	18.26	19.20	19.01	754.14	798.72	779.41
Indianapolis .....	42.4	43.9	43.8	15.39	15.77	15.52	652.54	692.30	679.78
Kokomo .....	49.7	56.4	51.6	19.12	19.44	19.79	950.26	1,096.42	1,021.16
Lafayette .....	43.5	44.4	44.8	14.52	14.90	14.89	631.62	661.56	667.07
Muncie .....	43.3	43.7	43.9	15.21	14.40	14.32	658.59	629.28	628.65
South Bend .....	42.9	42.0	42.3	12.73	12.13	12.24	546.12	509.46	517.75
Terre Haute .....	45.0	44.4	43.9	13.43	14.15	14.11	604.35	628.26	619.43
<b>Iowa</b> .....	41.6	41.9	41.8	12.76	13.15	13.05	530.82	550.99	545.49
Cedar Rapids .....	39.7	42.6	41.4	16.51	15.90	15.83	655.45	677.34	655.36
Des Moines .....	40.4	42.1	41.5	13.51	13.42	13.50	545.80	564.98	560.25
Dubuque .....	43.0	41.6	43.5	13.26	14.52	14.44	570.18	604.03	628.14
Sioux City .....	39.4	38.7	37.7	10.62	10.51	10.82	418.43	406.74	400.37
<b>Kansas</b> .....	41.3	41.7	42.2	12.44	12.89	13.02	513.77	537.51	549.44
Topeka .....	40.7	41.6	41.2	14.38	14.02	14.06	585.27	583.23	579.27
Wichita .....	42.1	43.7	43.7	13.45	15.00	15.16	566.25	655.50	662.49
<b>Kentucky</b> .....	40.9	40.8	41.2	12.24	12.82	12.75	500.62	523.06	525.30
Lexington .....	42.1	41.4	42.4	13.45	13.55	13.50	566.25	560.97	572.40
Louisville .....	41.8	40.7	41.4	13.92	14.45	14.20	581.86	588.12	587.88
<b>Louisiana</b> .....	43.4	43.1	44.2	13.31	13.69	13.66	577.65	590.04	603.77
Baton Rouge .....	43.7	43.4	44.7	15.85	16.87	16.31	692.65	732.16	729.06
New Orleans .....	45.4	42.9	43.3	14.03	14.20	14.28	636.96	609.18	618.32
Shreveport-Bossier City .....	42.3	40.7	42.9	13.80	13.73	13.89	583.74	558.81	595.88
<b>Maine</b> .....	39.3	38.8	39.8	12.38	12.98	12.76	486.53	503.62	507.85
Lewiston-Auburn .....	38.0	39.8	38.3	10.09	11.29	11.18	383.42	449.34	428.19
Portland .....	38.7	36.7	39.2	10.98	11.24	11.11	424.93	412.51	435.51
<b>Maryland</b> .....	41.5	41.2	41.6	13.45	13.63	13.79	558.18	561.56	573.66
Baltimore PMSA .....	41.7	41.4	41.9	14.03	14.45	14.62	585.05	598.23	612.58
<b>Massachusetts</b> .....	41.8	41.6	42.1	12.81	13.02	13.01	535.46	541.63	547.72
Boston .....	41.0	41.3	42.1	13.65	13.99	14.04	559.65	577.79	591.08
Springfield .....	41.3	40.9	42.8	12.38	12.44	12.50	511.29	508.80	535.00
Worcester .....	41.9	41.4	42.7	12.32	12.84	12.69	516.21	531.58	541.86
<b>Michigan</b> .....	44.0	42.8	44.5	16.20	16.91	16.54	712.80	723.75	736.03
Ann Arbor .....	44.5	43.7	45.9	16.77	18.04	17.46	746.26	788.35	801.41
Detroit .....	44.7	43.5	45.4	17.56	18.70	18.24	784.93	813.45	828.10
Flint .....	47.7	47.5	47.7	21.37	21.50	21.57	1,019.35	1,021.25	1,028.89
Grand Rapids-Muskegon-Holland .....	41.7	41.2	42.0	13.78	14.52	14.37	574.63	598.22	603.54
Jackson .....	41.4	40.1	41.1	12.37	12.39	12.60	512.12	496.84	517.86
Kalamazoo-Battle Creek .....	42.7	42.8	44.0	14.99	15.14	15.80	640.07	647.99	695.20
Lansing-East Lansing .....	43.8	43.7	47.0	17.31	18.18	18.72	758.18	794.47	879.84
Saginaw-Bay City-Midland .....	46.9	47.9	49.0	18.07	19.39	19.47	847.48	928.78	954.03
<b>Minnesota</b> .....	41.6	40.9	41.6	12.72	13.10	13.05	529.15	535.79	542.88
Duluth-Superior .....	41.5	41.9	42.3	11.70	11.55	11.71	485.55	483.95	495.33
Minneapolis-St. Paul .....	41.7	40.9	41.6	13.73	14.01	13.94	572.54	573.01	579.90
St. Cloud .....	42.0	40.8	41.2	12.24	11.86	12.12	514.08	483.89	499.34
<b>Mississippi</b> .....	41.0	41.1	41.2	9.80	10.15	10.16	401.80	417.17	418.59
Jackson .....	40.3	42.7	42.7	10.64	11.20	11.38	428.79	478.24	485.93
<b>Missouri</b> .....	41.0	40.5	40.9	12.10	12.67	12.58	496.10	513.14	514.52
Kansas City .....	42.3	42.4	43.5	13.90	14.49	14.56	587.97	614.38	633.36
St. Louis .....	41.9	41.8	41.7	14.59	14.77	14.85	611.32	617.39	619.25
Springfield .....	41.0	40.6	40.9	10.26	10.71	10.64	420.66	434.83	435.18
<b>Montana</b> .....	39.6	38.5	39.1	12.76	12.84	12.83	505.30	494.34	501.65
<b>Nebraska</b> .....	41.2	40.8	41.4	11.10	11.60	11.54	457.32	473.28	477.76
Lincoln .....	41.8	45.3	45.6	12.75	13.38	13.43	532.95	606.11	612.41
Omaha .....	42.4	40.5	40.8	11.71	13.14	12.86	496.50	532.17	524.69
<b>Nevada</b> .....	40.9	40.4	40.8	12.86	13.98	13.59	525.97	564.79	554.47
Las Vegas .....	39.8	39.3	38.5	14.32	14.44	13.60	569.94	567.49	523.60
<b>New Hampshire</b> .....	41.5	40.2	41.7	11.98	12.33	12.22	497.17	495.67	509.57
Manchester .....	40.6	39.0	40.7	11.96	12.99	12.88	485.58	506.61	524.22
Nashua .....	41.4	39.6	41.7	14.83	14.92	14.75	613.96	590.83	615.08
Portsmouth-Rochester .....	39.9	35.2	39.8	12.10	12.05	11.78	482.79	424.16	468.84

See footnotes at end of table.



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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>New Jersey</b> .....	42.0	41.1	41.7	\$13.41	\$13.97	\$13.82	\$563.22	\$574.17	\$576.29
<b>New Mexico</b> .....	39.9	39.3	40.5	10.66	11.37	10.77	425.33	446.84	436.19
Albuquerque .....	41.5	40.0	40.4	11.04	11.79	11.72	458.16	471.60	473.49
<b>New York</b> .....	40.8	40.3	40.9	12.46	12.72	12.77	508.37	512.62	522.29
Albany-Schenectady-Troy .....	40.6	40.2	41.2	14.10	14.04	14.02	572.46	564.41	577.62
Binghamton .....	40.9	41.2	40.9	10.24	10.30	10.39	418.82	424.36	424.95
Buffalo-Niagara Falls .....	43.4	41.7	43.7	15.90	16.06	16.32	690.06	669.70	713.18
Dutchess County .....	39.7	37.6	38.0	11.18	11.45	11.54	443.85	430.52	438.52
Elmira .....	41.7	41.3	41.8	11.57	11.88	12.03	482.47	490.64	502.85
Nassau-Suffolk .....	39.1	38.7	38.9	11.56	11.79	11.77	452.00	456.27	457.85
New York PMSA .....	38.7	38.4	38.8	11.28	11.51	11.51	436.54	441.98	446.59
New York City .....	38.2	38.1	38.6	10.99	11.28	11.28	419.82	429.77	435.41
Newburgh .....	40.9	40.1	40.4	10.47	11.21	11.22	428.22	449.52	453.29
Rochester .....	43.2	41.7	42.6	14.04	14.28	14.32	606.53	595.48	610.03
Rockland County .....	43.7	42.9	43.8	14.69	14.92	15.39	641.95	640.07	674.08
Syracuse .....	41.9	42.5	42.4	13.38	13.84	13.81	560.62	588.20	585.54
Utica-Rome .....	39.2	39.3	39.7	11.09	11.68	11.80	434.73	459.02	468.46
Westchester County .....	40.9	40.3	40.0	12.33	12.19	12.19	504.30	491.26	487.60
<b>North Carolina</b> .....	40.7	39.9	41.1	10.58	10.96	10.97	430.61	437.30	450.87
Asheville .....	41.1	40.5	40.9	10.09	10.50	10.52	414.70	425.25	430.27
Charlotte-Gastonia-Rock Hill .....	40.8	39.9	41.2	11.31	11.75	11.84	461.45	468.83	487.81
Greensboro--Winston-Salem--High Point .....	40.1	39.7	40.1	11.03	11.30	11.30	442.30	448.61	453.13
Raleigh-Durham-Chapel Hill .....	41.6	41.8	42.4	11.32	11.93	11.90	470.91	498.67	504.56
<b>North Dakota</b> .....	40.2	42.4	42.7	10.75	10.90	10.99	432.15	462.16	469.27
Fargo-Moorhead .....	41.4	41.4	43.1	10.35	10.78	10.84	428.49	446.29	467.20
<b>Ohio</b> .....	43.2	42.1	43.3	14.31	14.71	14.79	618.19	619.29	640.41
Akron .....	43.2	41.4	42.0	11.86	12.33	12.28	512.35	510.46	515.76
Canton-Massillon .....	40.9	39.6	41.3	13.00	13.03	13.02	531.70	515.99	537.73
Cincinnati .....	43.1	42.6	43.4	13.87	14.19	14.36	597.80	604.49	623.22
Cleveland-Lorain-Elyria .....	43.3	41.9	42.7	14.08	14.68	14.63	609.66	615.09	624.70
Columbus .....	42.4	41.4	42.3	13.27	13.77	13.85	562.65	570.08	585.86
Dayton-Springfield .....	44.4	43.1	45.2	15.81	15.80	16.13	701.96	680.98	729.08
Hamilton-Middletown .....	45.2	45.4	45.5	16.07	16.33	16.47	726.36	741.38	749.39
Lima .....	44.5	41.7	42.5	15.70	15.38	15.14	698.65	641.35	643.45
Mansfield .....	42.9	41.6	43.1	14.80	15.35	15.62	634.92	638.56	673.22
Steubenville-Weirton .....	42.9	41.9	43.8	16.39	17.25	17.18	703.13	722.78	752.48
Toledo .....	44.6	44.9	44.4	16.06	16.60	16.54	716.28	745.34	734.38
Youngstown-Warren .....	43.3	42.1	43.7	15.84	15.54	16.16	685.87	654.23	706.19
<b>Oklahoma</b> .....	41.4	41.2	41.9	11.55	12.02	11.92	478.17	495.22	499.45
Oklahoma City .....	41.4	42.9	43.6	11.98	13.25	13.26	495.97	568.43	578.14
Tulsa .....	41.4	41.5	42.0	12.26	12.95	12.54	507.56	537.43	526.68
<b>Oregon</b> .....	40.6	39.6	40.4	12.67	13.00	12.92	514.40	514.80	521.97
Eugene-Springfield .....	40.6	37.9	40.8	12.60	13.31	12.83	511.56	504.45	523.46
Medford-Ashland .....	40.7	39.9	40.6	12.32	12.19	12.06	501.42	486.38	489.64
Portland-Vancouver .....	40.9	39.0	40.1	12.90	13.25	13.27	527.61	516.75	532.13
Salem .....	40.8	38.7	37.1	10.40	11.66	11.24	424.32	451.24	417.00
<b>Pennsylvania</b> .....	41.3	41.3	41.5	12.84	13.29	13.25	530.29	548.88	549.88
Allentown-Bethlehem-Easton .....	41.0	40.7	41.1	12.54	12.79	12.70	514.14	520.55	521.97
Altoona .....	41.4	39.6	39.9	10.78	11.47	11.22	446.29	454.21	447.68
Erie .....	42.6	43.9	43.4	13.05	14.02	13.86	555.93	615.48	601.52
Harrisburg-Lebanon-Carlisle .....	40.0	38.7	40.2	12.36	12.93	12.79	494.40	500.39	514.16
Johnstown .....	39.1	39.9	39.4	9.65	9.98	9.99	377.32	398.20	393.61
Lancaster .....	40.1	39.6	40.7	12.64	12.91	12.96	506.86	511.24	527.47
Philadelphia PMSA .....	40.7	41.0	41.1	14.00	14.21	14.22	569.80	582.61	584.44
Pittsburgh .....	42.5	42.5	42.9	13.91	14.58	14.63	591.18	619.65	627.63
Reading .....	42.7	42.1	42.0	13.59	13.96	14.07	580.29	587.72	590.94
Scranton--Wilkes-Barre--Hazleton .....	40.5	39.8	40.0	11.56	11.96	11.94	468.18	476.01	477.60
Sharon .....	42.7	43.3	43.0	13.82	13.93	13.90	590.11	603.17	597.70
State College .....	41.9	41.6	40.2	11.04	11.23	11.39	462.58	467.17	457.88
Williamsport .....	40.6	41.7	42.7	10.78	10.75	10.89	437.67	448.28	465.00
York .....	42.1	42.0	41.6	12.74	13.38	13.43	536.35	561.96	558.69

See footnotes at end of table.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Rhode Island</b> .....	40.4	39.2	39.0	\$10.63	\$11.04	\$11.14	\$429.45	\$432.77	\$434.46
Providence-Fall River-Warwick .....	40.4	39.3	40.0	10.64	11.10	11.33	429.86	436.23	453.20
<b>South Carolina</b> .....	41.8	41.6	42.0	10.16	10.28	10.29	424.69	427.65	432.18
<b>South Dakota</b> .....	41.1	41.4	41.5	9.49	9.55	9.57	390.04	395.37	397.16
Rapid City .....	39.7	40.3	40.3	9.60	9.53	9.52	381.12	384.06	383.66
Sioux Falls .....	40.9	41.8	41.9	9.92	9.95	9.96	405.73	415.91	417.32
<b>Tennessee</b> .....	40.1	40.0	40.8	10.83	11.31	11.38	434.28	452.40	464.30
Chattanooga .....	39.7	41.6	40.8	10.69	10.72	10.92	424.39	445.95	445.54
Johnson City-Kingsport-Bristol .....	38.9	39.8	41.0	11.27	12.08	11.85	438.40	480.78	485.85
Knoxville .....	39.2	39.9	39.7	10.81	10.92	10.88	423.75	435.71	431.94
Memphis .....	39.7	40.9	42.6	11.09	11.87	11.47	440.27	485.48	488.62
Nashville .....	40.3	40.8	41.1	11.44	11.91	12.10	461.03	485.93	497.31
<b>Texas</b> .....	42.6	43.1	43.3	11.52	11.84	11.84	490.75	510.30	512.67
Dallas .....	43.2	44.0	44.3	11.19	11.76	11.65	483.41	517.44	516.10
Ft. Worth-Arlington .....	42.5	42.4	43.3	12.40	12.34	12.38	527.00	523.22	536.05
Houston .....	44.1	44.1	44.0	13.94	13.91	13.70	614.75	613.43	602.80
San Antonio .....	41.9	41.4	41.0	9.52	9.62	9.53	398.89	398.27	390.73
<b>Utah</b> .....	39.6	39.6	40.5	11.56	12.24	12.36	457.78	484.70	500.58
Salt Lake City-Ogden .....	40.3	39.4	40.4	11.88	12.28	12.28	478.76	483.83	496.11
<b>Vermont</b> .....	41.2	39.4	41.3	12.27	12.38	12.65	505.52	487.77	522.45
Burlington .....	41.0	43.3	43.1	12.80	12.97	12.74	524.80	561.60	549.09
<b>Virginia</b> .....	41.6	41.3	42.5	11.84	12.17	12.19	492.54	502.62	518.08
Bristol .....	39.9	41.8	43.4	9.99	10.19	10.29	398.60	425.94	446.59
Charlottesville .....	40.9	42.5	43.5	10.02	10.04	10.02	409.82	426.70	435.87
Danville .....	40.4	40.5	41.4	11.12	11.39	11.17	449.25	461.30	462.44
Lynchburg .....	39.1	38.7	40.0	11.43	11.63	11.62	446.91	450.08	464.80
Northern Virginia .....	41.1	39.7	40.2	12.39	12.22	12.37	509.23	485.13	497.27
Richmond-Petersburg .....	44.1	43.3	44.7	15.22	15.89	16.05	671.20	688.04	717.44
Roanoke .....	42.4	40.1	40.9	12.95	12.87	12.96	549.08	516.09	530.06
<b>Washington</b> .....	41.0	40.1	40.5	13.48	14.79	14.60	552.68	593.08	591.30
<b>West Virginia</b> .....	41.6	41.0	41.5	12.52	13.00	12.91	520.83	533.00	535.77
Charleston .....	46.2	46.3	46.8	13.98	14.06	14.24	645.88	650.98	666.43
Huntington-Ashland .....	42.8	42.5	41.4	14.15	14.32	14.36	605.62	608.60	594.50
Parkersburg-Marietta .....	42.6	42.5	43.9	15.23	16.26	15.87	648.80	691.05	696.69
Wheeling .....	39.5	39.2	39.9	14.81	16.45	16.40	585.00	644.84	654.36
<b>Wisconsin</b> .....	42.4	41.6	42.0	12.66	13.07	13.13	536.78	543.71	551.46
Appleton-Oshkosh-Neenah .....	43.4	44.2	43.9	13.74	14.01	14.43	596.32	619.24	633.48
Eau Claire .....	48.6	45.6	44.6	12.79	12.86	13.03	621.59	586.42	581.14
Green Bay .....	42.6	41.4	41.5	13.44	14.04	13.70	572.54	581.26	568.55
Janesville-Beloit .....	48.9	45.6	46.3	16.81	17.02	17.09	822.01	776.11	791.27
Kenosha .....	39.9	37.2	40.8	13.69	12.97	14.29	546.23	482.48	583.03
La Crosse .....	39.0	40.1	40.2	11.06	10.76	10.90	431.34	431.48	438.18
Madison .....	41.7	41.2	40.8	12.12	12.59	12.22	505.40	518.71	498.58
Milwaukee-Waukesha .....	41.6	40.6	41.7	13.93	14.16	14.26	579.49	574.90	594.64
Racine .....	40.1	40.1	41.0	12.88	13.32	13.86	516.49	534.13	568.26
Sheboygan .....	43.1	42.0	42.6	12.47	12.86	12.80	537.46	540.12	545.28
Wausau .....	45.0	41.3	43.0	12.20	13.02	12.79	549.00	537.73	549.97
<b>Wyoming</b> .....	39.4	39.0	40.4	12.33	13.40	12.95	485.80	522.60	523.18
<b>Puerto Rico</b> .....	40.0	37.4	39.9	7.46	7.74	7.83	298.40	289.48	312.42
<b>Virgin Islands</b> .....	41.3	38.7	40.8	15.54	16.98	16.89	641.80	657.13	689.11

<sup>1</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 1995 benchmarks.

**HOUSEHOLD DATA  
REGIONS AND DIVISIONS  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Census region and division	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.
<b>NORTHEAST</b>													
Civilian noninstitutional population <sup>2</sup> .....	39,587	39,597	39,603	39,605	39,631	39,603	39,603	39,609	39,615	39,622	39,625	39,639	39,652
Civilian labor force .....	25,345	25,301	25,286	25,241	25,228	25,175	25,481	25,614	25,821	25,610	25,667	25,732	25,766
Employed .....	23,811	23,866	23,825	23,706	23,776	23,740	23,874	24,133	24,269	24,204	24,222	24,417	24,417
Unemployed .....	1,534	1,435	1,462	1,535	1,452	1,435	1,607	1,481	1,551	1,406	1,445	1,315	1,349
Unemployment rate .....	6.1	5.7	5.8	6.1	5.8	5.7	6.3	5.8	6.0	5.5	5.6	5.1	5.2
<b>New England</b>													
Civilian noninstitutional population <sup>2</sup> .....	10,247	10,251	10,256	10,259	10,230	10,263	10,265	10,270	10,273	10,278	10,280	10,287	10,292
Civilian labor force .....	6,930	6,954	6,991	6,965	6,907	6,887	6,933	7,027	7,093	7,047	6,912	6,983	7,072
Employed .....	6,567	6,601	6,669	6,612	6,554	6,542	6,581	6,695	6,714	6,698	6,607	6,698	6,736
Unemployed .....	363	353	322	354	353	345	353	333	380	348	305	285	336
Unemployment rate .....	5.2	5.1	4.6	5.1	5.1	5.0	5.1	4.7	5.4	4.9	4.4	4.1	4.8
<b>Middle Atlantic</b>													
Civilian noninstitutional population <sup>2</sup> .....	29,340	29,346	29,347	29,346	29,401	29,340	29,338	29,340	29,342	29,344	29,345	29,352	29,359
Civilian labor force .....	18,415	18,347	18,295	18,276	18,321	18,288	18,548	18,587	18,727	18,564	18,755	18,749	18,694
Employed .....	17,244	17,266	17,156	17,095	17,222	17,199	17,294	17,439	17,556	17,506	17,615	17,719	17,681
Unemployed .....	1,171	1,082	1,139	1,181	1,099	1,089	1,254	1,148	1,172	1,058	1,140	1,030	1,013
Unemployment rate .....	6.4	5.9	6.2	6.5	6.0	6.0	6.8	6.2	6.3	5.7	6.1	5.5	5.4
<b>SOUTH</b>													
Civilian noninstitutional population <sup>2</sup> .....	69,675	69,769	69,857	69,939	70,106	70,088	70,164	70,250	70,337	70,425	70,515	70,607	70,708
Civilian labor force .....	45,875	45,858	45,959	45,980	46,097	46,116	46,082	45,970	46,139	46,143	46,576	46,387	46,692
Employed .....	43,287	43,296	43,426	43,422	43,589	43,647	43,635	43,576	43,642	43,808	44,134	44,103	44,340
Unemployed .....	2,588	2,562	2,533	2,558	2,508	2,470	2,448	2,394	2,497	2,335	2,441	2,284	2,352
Unemployment rate .....	5.6	5.6	5.5	5.6	5.4	5.4	5.3	5.2	5.4	5.1	5.2	4.9	5.0
<b>South Atlantic</b>													
Civilian noninstitutional population <sup>2</sup> .....	36,017	36,067	36,113	36,157	36,262	36,235	36,276	36,322	36,369	36,415	36,462	36,509	36,563
Civilian labor force .....	23,603	23,617	23,605	23,609	23,642	23,678	23,706	23,768	23,996	23,979	24,141	24,065	24,071
Employed .....	22,375	22,368	22,362	22,350	22,435	22,505	22,512	22,623	22,762	22,823	22,905	22,917	22,868
Unemployed .....	1,228	1,248	1,244	1,259	1,207	1,173	1,194	1,145	1,234	1,157	1,236	1,148	1,203
Unemployment rate .....	5.2	5.3	5.3	5.3	5.1	5.0	5.0	4.8	5.1	4.8	5.1	4.8	5.0
<b>East South Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	12,291	12,307	12,321	12,335	12,339	12,360	12,371	12,386	12,400	12,414	12,429	12,446	12,462
Civilian labor force .....	7,926	7,901	7,974	7,961	7,994	7,917	7,932	7,821	7,772	7,866	8,076	7,969	8,034
Employed .....	7,442	7,453	7,533	7,519	7,568	7,450	7,514	7,380	7,348	7,487	7,653	7,634	7,651
Unemployed .....	484	448	442	443	426	468	419	440	424	378	423	335	383
Unemployment rate .....	6.1	5.7	5.5	5.6	5.3	5.9	5.3	5.6	5.5	4.8	5.2	4.2	4.8
<b>West South Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	21,367	21,395	21,423	21,447	21,506	21,494	21,517	21,543	21,569	21,596	21,624	21,652	21,682
Civilian labor force .....	14,346	14,341	14,379	14,409	14,462	14,521	14,444	14,382	14,372	14,298	14,359	14,354	14,586
Employed .....	13,471	13,475	13,531	13,554	13,586	13,692	13,609	13,573	13,532	13,498	13,577	13,553	13,821
Unemployed .....	876	867	848	856	876	829	835	809	840	800	782	801	765
Unemployment rate .....	6.1	6.0	5.9	5.9	6.1	5.7	5.8	5.6	5.8	5.6	5.4	5.6	5.2

See footnotes at end of table.

**HOUSEHOLD DATA  
REGIONS AND DIVISIONS  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Census region and division	1995				1996								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.
<b>MIDWEST</b>													
Civilian noninstitutional population <sup>2</sup> .....	46,632	46,672	46,704	46,737	46,604	46,790	46,817	46,852	46,887	46,921	46,958	46,999	47,040
Civilian labor force .....	32,386	32,511	32,373	32,377	32,187	32,446	32,655	32,739	32,753	32,809	32,906	32,658	32,694
Employed .....	30,917	31,035	30,874	30,872	30,687	31,030	31,240	31,290	31,266	31,302	31,338	31,226	31,237
Unemployed .....	1,468	1,475	1,499	1,505	1,500	1,415	1,415	1,449	1,486	1,507	1,568	1,432	1,457
Unemployment rate .....	4.5	4.5	4.6	4.6	4.7	4.4	4.3	4.4	4.5	4.6	4.8	4.4	4.5
<b>East North Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	32,895	32,921	32,942	32,963	32,896	32,998	33,015	33,039	33,061	33,084	33,107	33,134	33,162
Civilian labor force .....	22,359	22,522	22,399	22,348	22,286	22,470	22,618	22,693	22,684	22,710	22,730	22,559	22,551
Employed .....	21,285	21,425	21,265	21,214	21,137	21,424	21,618	21,673	21,595	21,610	21,635	21,535	21,469
Unemployed .....	1,074	1,097	1,135	1,134	1,149	1,046	1,000	1,020	1,089	1,101	1,094	1,024	1,082
Unemployment rate .....	4.8	4.9	5.1	5.1	5.2	4.7	4.4	4.5	4.8	4.8	4.8	4.5	4.8
<b>West North Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	13,737	13,751	13,762	13,774	13,709	13,793	13,802	13,814	13,826	13,837	13,851	13,865	13,877
Civilian labor force .....	10,026	9,989	9,974	10,029	9,900	9,976	10,037	10,046	10,069	10,099	10,176	10,098	10,142
Employed .....	9,632	9,610	9,609	9,658	9,550	9,607	9,622	9,617	9,671	9,692	9,703	9,691	9,768
Unemployed .....	394	378	365	371	351	369	415	429	397	407	473	408	375
Unemployment rate .....	3.9	3.8	3.7	3.7	3.5	3.7	4.1	4.3	3.9	4.0	4.7	4.0	3.7
<b>WEST</b>													
Civilian noninstitutional population <sup>2</sup> .....	43,049	43,105	43,157	43,203	43,292	43,291	43,338	43,389	43,440	43,491	43,543	43,602	43,661
Civilian labor force .....	28,939	28,956	29,079	28,945	29,131	29,137	29,201	28,902	29,169	29,182	29,120	29,097	29,310
Employed .....	27,074	27,053	26,990	27,060	27,138	27,164	27,251	26,990	27,253	27,367	27,234	27,261	27,475
Unemployed .....	1,865	1,903	2,089	1,885	1,993	1,974	1,951	1,913	1,916	1,815	1,886	1,836	1,835
Unemployment rate .....	6.4	6.6	7.2	6.5	6.8	6.8	6.7	6.6	6.6	6.2	6.5	6.3	6.3
<b>Mountain</b>													
Civilian noninstitutional population <sup>2</sup> .....	11,650	11,680	11,709	11,735	11,755	11,790	11,818	11,847	11,875	11,904	11,932	11,965	11,995
Civilian labor force .....	8,118	8,130	8,216	8,169	8,214	8,251	8,140	8,105	8,222	8,181	8,131	8,182	8,205
Employed .....	7,722	7,742	7,833	7,788	7,781	7,826	7,747	7,726	7,763	7,760	7,680	7,721	7,769
Unemployed .....	397	388	384	381	432	425	392	378	458	421	451	461	436
Unemployment rate .....	4.9	4.8	4.7	4.7	5.3	5.1	4.8	4.7	5.6	5.1	5.5	5.6	5.3
<b>Pacific</b>													
Civilian noninstitutional population <sup>2</sup> .....	31,399	31,425	31,448	31,468	31,538	31,502	31,520	31,542	31,565	31,587	31,611	31,637	31,666
Civilian labor force .....	20,820	20,826	20,863	20,776	20,917	20,887	21,062	20,798	20,947	21,000	20,989	20,915	21,105
Employed .....	19,352	19,312	19,157	19,272	19,356	19,338	19,503	19,263	19,489	19,606	19,554	19,540	19,707
Unemployed .....	1,468	1,514	1,706	1,504	1,561	1,549	1,558	1,534	1,458	1,394	1,435	1,375	1,398
Unemployment rate .....	7.1	7.3	8.2	7.2	7.5	7.4	7.4	7.4	7.0	6.6	6.8	6.6	6.6

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

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

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

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

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1995					1996							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>
<b>Alabama</b>													
Civilian labor force .....	2,067.1	2,067.7	2,069.4	2,070.0	2,070.6	2,082.6	2,071.5	2,062.3	2,054.6	2,047.7	2,049.9	2,087.5	2,089.5
Employed .....	1,932.9	1,933.9	1,935.6	1,938.7	1,939.7	1,985.4	1,968.6	1,955.0	1,941.8	1,933.3	1,954.1	1,986.7	1,995.7
Unemployed .....	134.2	133.8	133.9	131.3	130.9	97.3	102.9	107.3	112.8	114.4	95.7	100.8	93.9
Unemployment rate .....	6.5	6.5	6.5	6.3	6.3	4.7	5.0	5.2	5.5	5.6	4.7	4.8	4.5
<b>Alaska</b>													
Civilian labor force .....	300.0	301.3	302.2	304.3	305.4	309.1	311.0	313.7	311.8	307.9	310.0	310.8	312.6
Employed .....	278.5	279.1	280.0	281.3	281.4	285.3	287.6	289.0	289.4	286.9	286.7	287.2	289.7
Unemployed .....	21.5	22.1	22.2	23.0	24.0	23.8	23.3	24.7	22.4	21.0	23.3	23.7	22.9
Unemployment rate .....	7.2	7.3	7.4	7.6	7.8	7.7	7.5	7.9	7.2	6.8	7.5	7.6	7.3
<b>Arizona</b>													
Civilian labor force .....	2,141.7	2,146.7	2,149.3	2,155.8	2,155.5	2,150.2	2,157.5	2,149.3	2,141.6	2,149.5	2,152.7	2,147.8	2,157.6
Employed .....	2,034.2	2,041.5	2,047.1	2,055.6	2,057.4	2,046.4	2,051.4	2,044.0	2,041.7	2,038.7	2,039.3	2,035.8	2,041.4
Unemployed .....	107.4	105.2	102.2	100.1	98.1	103.8	106.1	105.3	99.9	110.8	113.4	112.0	116.2
Unemployment rate .....	5.0	4.9	4.8	4.6	4.6	4.8	4.9	4.9	4.7	5.2	5.3	5.2	5.4
<b>Arkansas</b>													
Civilian labor force .....	1,226.9	1,227.0	1,226.7	1,228.1	1,229.8	1,238.4	1,236.7	1,234.2	1,230.0	1,231.4	1,240.6	1,243.6	1,245.3
Employed .....	1,164.3	1,166.4	1,167.5	1,169.3	1,171.2	1,177.0	1,176.4	1,173.2	1,173.2	1,174.0	1,178.1	1,177.2	1,180.0
Unemployed .....	62.6	60.6	59.2	58.8	58.6	61.4	60.3	61.0	56.8	57.3	62.5	66.4	65.3
Unemployment rate .....	5.1	4.9	4.8	4.8	4.8	5.0	4.9	4.9	4.6	4.7	5.0	5.3	5.2
<b>California</b>													
Civilian labor force .....	15,416.4	15,438.3	15,451.4	15,465.5	15,461.2	15,488.5	15,495.8	15,503.9	15,435.9	15,440.7	15,439.3	15,467.1	15,507.0
Employed .....	14,216.3	14,234.1	14,240.3	14,232.3	14,251.5	14,307.2	14,306.3	14,314.1	14,276.3	14,309.6	14,330.2	14,354.2	14,420.8
Unemployed .....	1,200.1	1,204.2	1,211.0	1,233.2	1,209.7	1,181.3	1,189.5	1,189.7	1,159.6	1,131.1	1,109.0	1,112.8	1,086.2
Unemployment rate .....	7.8	7.8	7.8	8.0	7.8	7.6	7.7	7.7	7.5	7.3	7.2	7.2	7.0
<b>Colorado</b>													
Civilian labor force .....	2,093.9	2,096.6	2,104.0	2,117.2	2,120.4	2,125.7	2,149.9	2,161.6	2,146.1	2,159.7	2,150.5	2,111.0	2,088.4
Employed .....	2,003.0	2,006.7	2,014.3	2,027.9	2,032.6	2,052.6	2,070.3	2,078.1	2,063.7	2,071.7	2,061.8	2,022.9	2,004.5
Unemployed .....	90.9	89.9	89.7	89.3	87.8	73.1	79.5	83.5	82.4	88.0	88.7	88.1	83.9
Unemployment rate .....	4.3	4.3	4.3	4.2	4.1	3.4	3.7	3.9	3.8	4.1	4.1	4.2	4.0
<b>Connecticut</b>													
Civilian labor force .....	1,706.9	1,707.1	1,707.6	1,707.0	1,704.7	1,746.1	1,747.3	1,744.2	1,748.9	1,742.8	1,739.4	1,731.8	1,733.9
Employed .....	1,612.3	1,611.7	1,612.2	1,611.1	1,609.4	1,653.2	1,657.6	1,655.2	1,662.6	1,658.8	1,656.3	1,650.0	1,653.2
Unemployed .....	94.6	95.4	95.4	95.8	95.2	93.0	89.7	89.0	86.3	84.0	83.1	81.9	80.7
Unemployment rate .....	5.5	5.6	5.6	5.6	5.6	5.3	5.1	5.1	4.9	4.8	4.8	4.7	4.7
<b>Delaware</b>													
Civilian labor force .....	381.4	381.5	381.7	382.2	381.9	383.5	383.8	383.9	384.9	380.4	383.4	384.3	383.3
Employed .....	365.2	364.2	364.0	363.8	363.6	365.3	368.0	366.5	366.9	362.3	365.5	364.5	362.9
Unemployed .....	16.3	17.3	17.7	18.3	18.3	18.2	15.7	17.4	18.1	18.1	17.9	19.8	20.4
Unemployment rate .....	4.3	4.5	4.6	4.8	4.8	4.7	4.1	4.5	4.7	4.8	4.7	5.1	5.3
<b>District of Columbia</b>													
Civilian labor force .....	279.4	280.3	281.5	279.9	280.2	280.8	282.4	277.4	267.0	269.4	263.1	266.5	262.9
Employed .....	254.0	254.6	256.0	255.0	255.3	257.4	259.4	253.0	244.6	245.2	241.8	242.6	239.2
Unemployed .....	25.4	25.8	25.5	24.8	24.9	23.4	23.0	24.3	22.4	24.2	21.3	23.9	23.8
Unemployment rate .....	9.1	9.2	9.0	8.9	8.9	8.3	8.1	8.8	8.4	9.0	8.1	9.0	9.0
<b>Florida</b>													
Civilian labor force .....	6,831.1	6,852.7	6,858.3	6,868.5	6,882.5	6,991.8	6,974.3	6,982.3	6,988.1	6,989.5	6,977.6	6,999.7	6,996.3
Employed .....	6,463.7	6,478.7	6,480.3	6,495.1	6,509.7	6,597.6	6,580.2	6,605.8	6,618.4	6,620.0	6,627.3	6,633.3	6,646.1
Unemployed .....	367.4	374.0	378.1	373.4	372.8	394.1	394.1	376.5	369.7	369.5	350.4	366.4	350.2
Unemployment rate .....	5.4	5.5	5.5	5.4	5.4	5.6	5.7	5.4	5.3	5.3	5.0	5.2	5.0

See footnotes at end of table.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1995					1996							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>
<b>Georgia</b>													
Civilian labor force .....	3,628.6	3,633.2	3,640.9	3,646.9	3,645.3	3,722.8	3,722.2	3,728.2	3,737.9	3,744.5	3,747.3	3,785.8	3,774.7
Employed .....	3,448.6	3,452.9	3,461.9	3,469.9	3,470.6	3,540.6	3,555.3	3,558.7	3,564.7	3,570.9	3,582.6	3,621.4	3,607.4
Unemployed .....	180.0	180.2	179.0	177.0	174.7	182.2	166.9	169.5	173.2	173.6	164.7	164.4	167.2
Unemployment rate .....	5.0	5.0	4.9	4.9	4.8	4.9	4.5	4.5	4.6	4.6	4.4	4.3	4.4
<b>Hawaii</b>													
Civilian labor force .....	580.2	578.8	579.3	578.6	579.6	584.9	585.9	587.1	588.8	590.5	592.7	590.3	590.3
Employed .....	545.0	544.1	544.7	544.9	545.2	550.8	551.5	552.7	554.5	554.9	556.0	555.1	554.7
Unemployed .....	35.1	34.7	34.6	33.7	34.4	34.0	34.4	34.4	34.3	35.5	36.7	35.2	35.6
Unemployment rate .....	6.1	6.0	6.0	5.8	5.9	5.8	5.9	5.9	5.8	6.0	6.2	6.0	6.0
<b>Idaho</b>													
Civilian labor force .....	598.1	599.0	600.7	604.7	604.7	610.9	617.2	616.8	614.4	612.8	609.6	609.7	618.6
Employed .....	566.2	566.8	568.5	570.6	571.8	580.4	587.2	585.4	583.8	582.0	578.2	580.2	587.2
Unemployed .....	32.0	32.2	32.2	34.2	32.9	30.6	30.0	31.4	30.6	30.9	31.4	29.5	31.4
Unemployment rate .....	5.3	5.4	5.4	5.7	5.4	5.0	4.9	5.1	5.0	5.0	5.2	4.8	5.1
<b>Illinois</b>													
Civilian labor force .....	6,084.0	6,089.4	6,111.0	6,108.5	6,109.8	6,141.8	6,148.3	6,150.9	6,140.6	6,149.8	6,157.4	6,161.9	6,154.9
Employed .....	5,760.4	5,774.0	5,794.1	5,792.2	5,786.9	5,811.4	5,832.0	5,837.8	5,825.1	5,828.8	5,829.9	5,831.1	5,827.8
Unemployed .....	323.6	315.4	316.9	316.4	322.9	330.4	316.3	313.0	315.5	321.0	327.5	330.8	327.1
Unemployment rate .....	5.3	5.2	5.2	5.2	5.3	5.4	5.1	5.1	5.1	5.2	5.3	5.4	5.3
<b>Indiana</b>													
Civilian labor force .....	3,125.0	3,138.5	3,144.1	3,128.9	3,120.7	3,102.5	3,131.8	3,113.9	3,103.8	3,092.4	3,092.6	3,104.6	3,089.6
Employed .....	2,980.7	2,995.3	2,998.3	2,981.0	2,977.5	2,962.7	2,992.5	2,981.5	2,973.7	2,964.7	2,959.4	2,976.8	2,962.5
Unemployed .....	144.2	143.2	145.8	147.9	143.2	139.8	139.4	132.4	130.2	127.7	133.2	127.8	127.1
Unemployment rate .....	4.6	4.6	4.6	4.7	4.6	4.5	4.5	4.3	4.2	4.1	4.3	4.1	4.1
<b>Iowa</b>													
Civilian labor force .....	1,550.3	1,557.7	1,568.9	1,564.3	1,559.6	1,559.0	1,591.7	1,595.2	1,610.3	1,623.6	1,605.4	1,595.1	1,600.4
Employed .....	1,496.2	1,503.7	1,514.7	1,508.9	1,505.9	1,506.3	1,535.4	1,541.8	1,554.6	1,566.9	1,555.9	1,542.1	1,551.9
Unemployed .....	54.1	54.1	54.2	55.4	53.7	52.7	56.3	53.4	55.6	56.6	49.5	53.0	48.5
Unemployment rate .....	3.5	3.5	3.5	3.5	3.4	3.4	3.5	3.3	3.5	3.5	3.1	3.3	3.0
<b>Kansas</b>													
Civilian labor force .....	1,329.3	1,330.3	1,333.0	1,334.5	1,333.2	1,357.7	1,357.2	1,354.1	1,356.9	1,352.3	1,348.9	1,355.8	1,359.0
Employed .....	1,271.3	1,272.8	1,276.3	1,278.5	1,278.3	1,306.4	1,307.0	1,303.3	1,302.3	1,296.6	1,296.0	1,301.2	1,302.9
Unemployed .....	58.0	57.5	56.7	56.1	54.9	51.3	50.2	50.8	54.6	55.7	52.8	54.7	56.1
Unemployment rate .....	4.4	4.3	4.3	4.2	4.1	3.8	3.7	3.8	4.0	4.1	3.9	4.0	4.1
<b>Kentucky</b>													
Civilian labor force .....	1,859.4	1,854.6	1,855.9	1,858.3	1,856.3	1,871.7	1,853.5	1,837.8	1,828.6	1,827.7	1,830.7	1,862.8	1,853.9
Employed .....	1,756.9	1,752.3	1,753.8	1,755.4	1,755.5	1,769.2	1,758.6	1,744.0	1,733.1	1,734.0	1,735.8	1,770.1	1,770.7
Unemployed .....	102.5	102.3	102.1	102.9	100.8	102.5	94.8	93.8	95.6	93.8	94.9	92.6	83.2
Unemployment rate .....	5.5	5.5	5.5	5.5	5.4	5.5	5.1	5.1	5.2	5.1	5.2	5.0	4.5
<b>Louisiana</b>													
Civilian labor force .....	1,954.4	1,959.4	1,958.0	1,960.2	1,961.9	1,982.8	1,975.9	1,986.9	1,986.0	1,982.4	1,980.0	2,003.6	1,992.2
Employed .....	1,825.2	1,830.1	1,829.8	1,832.8	1,834.1	1,851.9	1,844.5	1,863.1	1,861.4	1,850.3	1,847.4	1,867.3	1,856.5
Unemployed .....	129.2	129.4	128.2	127.4	127.9	130.9	131.5	123.8	124.6	132.2	132.6	136.4	135.6
Unemployment rate .....	6.6	6.6	6.5	6.5	6.5	6.6	6.7	6.2	6.3	6.7	6.7	6.8	6.8
<b>Maine</b>													
Civilian labor force .....	648.9	651.9	652.4	653.8	654.0	648.9	651.5	656.1	657.0	655.2	658.1	660.4	666.7
Employed .....	611.1	614.6	616.4	618.4	619.4	615.9	618.1	622.7	622.6	618.7	622.2	623.7	630.5
Unemployed .....	37.8	37.3	36.1	35.4	34.5	33.0	33.3	33.4	34.4	36.5	36.0	36.7	36.1
Unemployment rate .....	5.8	5.7	5.5	5.4	5.3	5.1	5.1	5.1	5.2	5.6	5.5	5.6	5.4

See footnotes at end of table.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1995					1996							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>
<b>Maryland</b>													
Civilian labor force .....	2,729.8	2,726.9	2,726.8	2,724.1	2,719.2	2,719.8	2,728.3	2,720.3	2,710.9	2,744.5	2,762.5	2,769.3	2,782.0
Employed .....	2,588.9	2,585.9	2,585.6	2,583.1	2,580.9	2,580.9	2,597.9	2,586.7	2,575.5	2,607.4	2,630.0	2,634.5	2,651.2
Unemployed .....	140.9	141.0	141.2	141.0	138.3	138.8	130.5	133.6	135.5	137.0	132.5	134.8	130.8
Unemployment rate .....	5.2	5.2	5.2	5.2	5.1	5.1	4.8	4.9	5.0	5.0	4.8	4.9	4.7
<b>Massachusetts</b>													
Civilian labor force .....	3,168.2	3,167.9	3,173.7	3,174.1	3,170.9	3,184.5	3,187.7	3,182.3	3,186.2	3,189.3	3,187.1	3,176.4	3,164.4
Employed .....	2,998.1	2,998.9	3,004.9	3,006.5	3,004.4	3,022.1	3,028.8	3,028.8	3,028.5	3,033.8	3,034.9	3,034.4	3,038.3
Unemployed .....	170.1	169.0	168.8	167.6	166.5	162.4	158.9	153.5	157.7	155.5	152.2	142.0	126.1
Unemployment rate .....	5.4	5.3	5.3	5.3	5.2	5.1	5.0	4.8	4.9	4.9	4.8	4.5	4.0
<b>Michigan</b>													
Civilian labor force .....	4,722.4	4,719.0	4,731.4	4,735.5	4,746.1	4,825.8	4,820.1	4,809.7	4,812.4	4,835.5	4,841.0	4,832.0	4,830.3
Employed .....	4,472.8	4,471.6	4,487.7	4,489.8	4,503.5	4,587.5	4,586.9	4,587.5	4,590.1	4,610.1	4,621.1	4,600.3	4,613.5
Unemployed .....	249.6	247.3	243.7	245.7	242.6	238.3	233.2	222.3	222.3	225.4	219.9	231.7	216.8
Unemployment rate .....	5.3	5.2	5.2	5.2	5.1	4.9	4.8	4.6	4.6	4.7	4.5	4.8	4.5
<b>Minnesota</b>													
Civilian labor force .....	2,592.5	2,595.4	2,587.4	2,593.3	2,598.9	2,607.2	2,591.8	2,601.3	2,624.4	2,620.1	2,615.0	2,637.6	2,644.5
Employed .....	2,498.5	2,499.6	2,490.4	2,494.9	2,499.9	2,524.8	2,510.8	2,511.3	2,527.9	2,529.4	2,519.4	2,537.8	2,543.1
Unemployed .....	94.1	95.8	97.0	98.4	99.0	82.4	80.9	90.0	96.5	90.7	95.7	99.8	101.4
Unemployment rate .....	3.6	3.7	3.7	3.8	3.8	3.2	3.1	3.5	3.7	3.5	3.7	3.8	3.8
<b>Mississippi</b>													
Civilian labor force .....	1,262.6	1,263.1	1,265.4	1,263.7	1,258.6	1,262.2	1,260.6	1,259.0	1,274.8	1,273.5	1,250.9	1,268.9	1,261.9
Employed .....	1,182.2	1,181.5	1,187.5	1,185.7	1,182.5	1,180.9	1,181.4	1,184.3	1,194.5	1,193.0	1,179.8	1,192.3	1,184.4
Unemployed .....	80.5	81.6	77.8	78.0	76.2	81.4	79.2	74.7	80.4	80.5	71.0	76.5	77.5
Unemployment rate .....	6.4	6.5	6.2	6.2	6.1	6.4	6.3	5.9	6.3	6.3	5.7	6.0	6.1
<b>Missouri</b>													
Civilian labor force .....	2,850.0	2,850.6	2,846.2	2,849.5	2,855.6	2,798.9	2,816.9	2,831.9	2,833.5	2,850.4	2,857.1	2,856.4	2,840.6
Employed .....	2,708.9	2,716.4	2,724.5	2,730.3	2,736.9	2,701.1	2,714.4	2,720.8	2,711.5	2,728.3	2,737.7	2,729.8	2,730.3
Unemployed .....	141.1	134.2	121.7	119.2	118.7	97.7	102.5	111.1	122.0	122.1	119.4	126.5	110.2
Unemployment rate .....	5.0	4.7	4.3	4.2	4.2	3.5	3.6	3.9	4.3	4.3	4.2	4.4	3.9
<b>Montana</b>													
Civilian labor force .....	434.9	434.3	435.7	436.6	438.8	445.8	448.6	445.9	446.6	447.6	449.4	448.6	448.5
Employed .....	408.4	407.9	409.1	409.6	412.0	420.1	423.2	422.6	421.0	422.7	425.6	424.4	423.8
Unemployed .....	26.4	26.4	26.6	27.0	26.8	25.7	25.3	23.3	25.6	24.9	23.8	24.2	24.8
Unemployment rate .....	6.1	6.1	6.1	6.2	6.1	5.8	5.6	5.2	5.7	5.6	5.3	5.4	5.5
<b>Nebraska</b>													
Civilian labor force .....	903.8	901.6	904.7	903.3	903.8	906.6	905.6	900.3	903.5	903.5	904.2	907.1	904.0
Employed .....	880.2	877.9	880.3	879.1	879.1	882.9	879.7	876.1	877.7	876.5	877.3	880.8	880.3
Unemployed .....	23.7	23.7	24.4	24.2	24.7	23.7	25.9	24.2	25.8	27.0	26.9	26.3	23.7
Unemployment rate .....	2.6	2.6	2.7	2.7	2.7	2.6	2.9	2.7	2.9	3.0	3.0	2.9	2.6
<b>Nevada</b>													
Civilian labor force .....	806.8	809.1	811.7	814.6	815.5	827.3	834.0	835.3	835.1	838.7	839.3	840.5	845.1
Employed .....	764.0	766.7	770.0	772.4	773.9	784.9	792.0	796.1	793.3	793.3	799.5	799.9	801.7
Unemployed .....	42.8	42.4	41.6	42.2	41.6	42.4	41.9	39.2	41.8	45.4	39.8	40.6	43.3
Unemployment rate .....	5.3	5.2	5.1	5.2	5.1	5.1	5.0	4.7	5.0	5.4	4.7	4.8	5.1
<b>New Hampshire</b>													
Civilian labor force .....	633.5	633.6	633.0	632.4	632.2	629.4	631.0	631.4	629.5	628.2	625.8	628.8	625.1
Employed .....	607.9	607.7	609.1	609.8	610.2	608.7	608.5	608.4	607.1	603.3	600.0	604.2	601.4
Unemployed .....	25.6	25.9	23.9	22.6	22.0	20.7	22.5	23.0	22.4	24.9	25.7	24.6	23.7
Unemployment rate .....	4.0	4.1	3.8	3.6	3.5	3.3	3.6	3.6	3.6	4.0	4.1	3.9	3.8

See footnotes at end of table.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1995					1996							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>
<b>New Jersey</b>													
Civilian labor force .....	4,071.8	4,074.1	4,079.4	4,082.6	4,080.4	4,063.1	4,072.1	4,075.3	4,085.6	4,075.7	4,081.5	4,085.9	4,094.9
Employed .....	3,809.1	3,811.8	3,816.8	3,817.2	3,816.7	3,802.4	3,810.7	3,813.0	3,815.3	3,826.1	3,830.0	3,837.0	3,845.6
Unemployed .....	262.7	262.2	262.6	265.3	263.8	260.7	261.4	262.3	270.3	249.6	251.5	248.9	249.3
Unemployment rate .....	6.5	6.4	6.4	6.5	6.5	6.4	6.4	6.4	6.6	6.1	6.2	6.1	6.1
<b>New Mexico</b>													
Civilian labor force .....	787.5	789.1	792.4	795.9	798.3	812.2	812.7	811.0	810.0	810.4	815.2	818.3	820.1
Employed .....	737.5	738.9	741.4	744.2	746.6	759.8	759.2	756.9	755.4	755.3	758.4	760.5	761.8
Unemployed .....	50.0	50.2	51.0	51.6	51.7	52.4	53.5	54.1	54.6	55.2	56.8	57.8	58.3
Unemployment rate .....	6.4	6.4	6.4	6.5	6.5	6.5	6.6	6.7	6.7	6.8	7.0	7.1	7.1
<b>New York</b>													
Civilian labor force .....	8,483.0	8,482.6	8,475.4	8,475.5	8,477.4	8,542.7	8,530.6	8,580.2	8,577.7	8,591.6	8,570.2	8,595.2	8,580.1
Employed .....	7,936.9	7,937.9	7,939.1	7,942.1	7,942.9	8,013.3	8,022.2	8,023.7	8,030.7	8,045.0	8,029.1	8,036.8	8,055.7
Unemployed .....	546.1	544.6	536.3	533.4	534.5	529.5	508.5	556.5	547.0	546.7	541.1	558.5	524.4
Unemployment rate .....	6.4	6.4	6.3	6.3	6.3	6.2	6.0	6.5	6.4	6.4	6.3	6.5	6.1
<b>North Carolina</b>													
Civilian labor force .....	3,634.1	3,645.1	3,649.9	3,653.6	3,662.1	3,691.4	3,706.7	3,713.0	3,717.8	3,717.5	3,703.9	3,718.4	3,718.1
Employed .....	3,473.8	3,483.1	3,490.4	3,490.8	3,494.2	3,507.2	3,542.9	3,550.2	3,553.2	3,557.9	3,548.4	3,559.7	3,565.5
Unemployed .....	160.3	162.0	159.5	162.8	167.9	184.2	163.8	162.9	164.6	159.6	155.5	158.7	152.7
Unemployment rate .....	4.4	4.4	4.4	4.5	4.6	5.0	4.4	4.4	4.4	4.3	4.2	4.3	4.1
<b>North Dakota</b>													
Civilian labor force .....	333.7	333.9	334.1	335.2	335.0	343.2	345.0	343.8	341.2	341.7	341.8	340.1	339.6
Employed .....	323.3	323.1	323.7	324.6	324.5	332.6	334.7	333.8	330.0	331.1	331.2	330.6	330.5
Unemployed .....	10.4	10.8	10.4	10.6	10.5	10.6	10.3	10.0	11.1	10.6	10.6	9.5	9.1
Unemployment rate .....	3.1	3.2	3.1	3.2	3.1	3.1	3.0	2.9	3.3	3.1	3.1	2.8	2.7
<b>Ohio</b>													
Civilian labor force .....	5,606.6	5,608.5	5,613.5	5,639.8	5,638.3	5,727.5	5,716.9	5,715.5	5,697.6	5,717.5	5,728.8	5,718.1	5,719.9
Employed .....	5,325.2	5,331.9	5,337.8	5,348.2	5,354.5	5,425.3	5,431.1	5,426.2	5,437.8	5,437.1	5,446.2	5,444.5	5,457.4
Unemployed .....	281.4	276.6	275.7	291.6	283.8	302.2	285.8	289.3	259.8	280.3	282.6	273.6	262.5
Unemployment rate .....	5.0	4.9	4.9	5.2	5.0	5.3	5.0	5.1	4.6	4.9	4.9	4.8	4.6
<b>Oklahoma</b>													
Civilian labor force .....	1,548.2	1,546.9	1,547.2	1,549.1	1,548.4	1,561.9	1,560.7	1,559.1	1,562.2	1,575.0	1,592.1	1,586.9	1,580.2
Employed .....	1,476.2	1,475.6	1,477.0	1,479.9	1,481.2	1,488.6	1,486.6	1,489.5	1,492.2	1,506.6	1,523.9	1,518.3	1,512.8
Unemployed .....	72.0	71.3	70.2	69.2	67.2	73.3	74.1	69.6	70.1	68.4	68.2	68.6	67.4
Unemployment rate .....	4.6	4.6	4.5	4.5	4.3	4.7	4.7	4.5	4.5	4.3	4.3	4.3	4.3
<b>Oregon</b>													
Civilian labor force .....	1,650.4	1,649.0	1,650.9	1,653.4	1,656.0	1,682.6	1,706.5	1,736.4	1,733.0	1,746.4	1,726.7	1,719.5	1,707.4
Employed .....	1,569.4	1,567.3	1,567.8	1,570.3	1,575.1	1,600.4	1,622.9	1,648.1	1,640.3	1,656.0	1,639.4	1,627.9	1,615.6
Unemployed .....	81.0	81.8	83.1	83.1	80.9	82.2	83.6	88.3	92.7	90.5	87.3	91.6	91.8
Unemployment rate .....	4.9	5.0	5.0	5.0	4.9	4.9	4.9	5.1	5.3	5.2	5.1	5.3	5.4
<b>Pennsylvania</b>													
Civilian labor force .....	5,840.0	5,838.3	5,842.7	5,852.4	5,843.0	5,844.0	5,844.2	5,870.8	5,870.5	5,889.8	5,896.2	5,906.0	5,896.0
Employed .....	5,496.6	5,493.0	5,499.6	5,498.4	5,495.0	5,482.6	5,520.1	5,540.6	5,536.6	5,544.2	5,593.1	5,601.7	5,584.8
Unemployed .....	343.4	345.3	343.1	354.0	348.0	361.3	324.1	330.2	333.9	345.6	303.1	304.2	311.3
Unemployment rate .....	5.9	5.9	5.9	6.0	6.0	6.2	5.5	5.6	5.7	5.9	5.1	5.2	5.3
<b>Rhode Island</b>													
Civilian labor force .....	483.8	483.6	483.2	482.8	483.1	489.2	487.8	488.2	488.3	487.8	490.0	488.9	492.7
Employed .....	449.4	449.4	449.8	449.8	449.8	458.3	458.9	463.2	463.1	465.2	466.6	465.4	467.0
Unemployed .....	34.4	34.2	33.4	33.0	33.3	30.9	28.8	25.0	25.1	22.6	23.4	23.5	25.7
Unemployment rate .....	7.1	7.1	6.9	6.8	6.9	6.3	5.9	5.1	5.1	4.6	4.8	4.8	5.2

See footnotes at end of table.



**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1995					1996							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>P</sup>
<b>South Carolina</b>													
Civilian labor force .....	1,867.1	1,874.3	1,874.7	1,872.3	1,874.6	1,864.6	1,850.0	1,849.7	1,866.0	1,861.3	1,866.5	1,868.0	1,860.1
Employed .....	1,773.2	1,778.4	1,777.2	1,773.6	1,775.5	1,763.3	1,763.3	1,759.8	1,762.9	1,761.3	1,754.4	1,756.8	1,750.9
Unemployed .....	93.9	95.8	97.5	98.7	99.1	101.2	86.7	89.8	103.2	100.0	112.1	111.2	109.2
Unemployment rate .....	5.0	5.1	5.2	5.3	5.3	5.4	4.7	4.9	5.5	5.4	6.0	6.0	5.9
<b>South Dakota</b>													
Civilian labor force .....	382.8	383.3	383.9	384.7	385.2	387.1	388.5	389.6	389.5	389.7	388.7	389.4	390.0
Employed .....	371.7	372.2	372.9	373.4	373.9	376.2	377.3	377.9	376.9	378.8	377.9	377.8	379.0
Unemployed .....	11.1	11.1	11.1	11.3	11.3	10.9	11.2	11.7	12.5	10.9	10.7	11.6	11.0
Unemployment rate .....	2.9	2.9	2.9	2.9	2.9	2.8	2.9	3.0	3.2	2.8	2.8	3.0	2.8
<b>Tennessee</b>													
Civilian labor force .....	2,712.3	2,722.7	2,728.8	2,732.7	2,738.3	2,753.7	2,748.2	2,770.0	2,750.8	2,744.6	2,747.9	2,762.9	2,752.3
Employed .....	2,566.6	2,575.1	2,578.5	2,581.4	2,585.5	2,600.7	2,599.3	2,630.1	2,617.3	2,614.3	2,619.5	2,626.8	2,631.5
Unemployed .....	145.8	147.6	150.3	151.4	152.8	153.0	148.8	139.9	133.5	130.3	128.4	136.4	120.8
Unemployment rate .....	5.4	5.4	5.5	5.5	5.6	5.6	5.4	5.0	4.9	4.7	4.7	4.9	4.4
<b>Texas</b>													
Civilian labor force .....	9,586.3	9,605.9	9,632.7	9,662.5	9,668.3	9,702.4	9,727.0	9,716.3	9,714.2	9,698.8	9,691.7	9,677.1	9,681.5
Employed .....	9,001.9	9,022.0	9,042.8	9,063.1	9,079.6	9,106.5	9,145.2	9,130.3	9,125.0	9,126.7	9,120.5	9,120.2	9,137.1
Unemployed .....	584.4	583.9	589.9	599.3	588.8	596.0	581.8	586.0	589.2	572.1	571.1	556.9	544.4
Unemployment rate .....	6.1	6.1	6.1	6.2	6.1	6.1	6.0	6.0	6.1	5.9	5.9	5.8	5.6
<b>Utah</b>													
Civilian labor force .....	970.1	970.8	972.0	973.8	975.0	1,006.4	1,008.0	1,005.3	1,009.4	1,014.9	1,014.1	1,006.7	1,010.4
Employed .....	935.2	936.7	938.4	940.9	944.4	975.3	975.9	973.2	978.4	981.4	979.1	975.2	981.0
Unemployed .....	34.9	34.2	33.6	32.9	30.6	31.1	32.0	32.1	31.1	33.5	35.1	31.5	29.4
Unemployment rate .....	3.6	3.5	3.5	3.4	3.1	3.1	3.2	3.2	3.1	3.3	3.5	3.1	2.9
<b>Vermont</b>													
Civilian labor force .....	319.5	320.3	321.3	322.5	322.2	325.3	324.8	326.0	323.5	323.7	321.9	322.9	325.5
Employed .....	305.7	306.5	307.7	308.2	308.7	311.7	311.6	313.1	310.7	310.9	308.8	309.3	311.5
Unemployed .....	13.8	13.7	13.7	14.3	13.5	13.7	13.2	12.9	12.7	12.8	13.1	13.6	14.0
Unemployment rate .....	4.3	4.3	4.3	4.4	4.2	4.2	4.1	3.9	3.9	4.0	4.1	4.2	4.3
<b>Virginia</b>													
Civilian labor force .....	3,504.9	3,506.9	3,513.4	3,520.0	3,517.0	3,489.4	3,478.8	3,467.2	3,474.6	3,485.3	3,478.5	3,498.0	3,493.6
Employed .....	3,344.8	3,347.8	3,353.4	3,360.7	3,362.6	3,334.2	3,337.1	3,329.8	3,325.6	3,337.2	3,325.2	3,343.3	3,353.1
Unemployed .....	160.1	159.1	160.0	159.2	154.4	155.2	141.7	137.4	149.0	148.1	153.3	154.7	140.5
Unemployment rate .....	4.6	4.5	4.6	4.5	4.4	4.4	4.1	4.0	4.3	4.3	4.4	4.4	4.0
<b>Washington</b>													
Civilian labor force .....	2,821.9	2,818.9	2,823.7	2,827.8	2,823.7	2,828.4	2,825.1	2,845.8	2,842.4	2,865.6	2,888.1	2,914.3	2,872.5
Employed .....	2,837.6	2,838.5	2,843.4	2,845.5	2,847.1	2,861.2	2,856.7	2,871.0	2,863.1	2,886.9	2,711.7	2,743.0	2,704.8
Unemployed .....	184.3	180.3	180.3	182.3	176.6	167.2	168.4	174.8	179.2	178.7	176.3	171.3	167.7
Unemployment rate .....	6.5	6.4	6.4	6.4	6.3	5.9	6.0	6.1	6.3	6.2	6.1	5.9	5.8
<b>West Virginia</b>													
Civilian labor force .....	792.8	793.0	794.1	796.3	792.8	805.3	802.9	805.3	804.2	809.1	805.8	801.5	800.9
Employed .....	729.4	729.5	731.5	731.4	732.0	737.5	743.3	740.9	742.5	751.2	746.6	747.9	747.5
Unemployed .....	63.4	63.5	62.6	65.0	60.8	67.8	59.6	64.4	61.7	57.9	59.2	53.6	53.4
Unemployment rate .....	8.0	8.0	7.9	8.2	7.7	8.4	7.4	8.0	7.7	7.2	7.3	6.7	6.7
<b>Wisconsin</b>													
Civilian labor force .....	2,850.8	2,852.2	2,856.1	2,858.8	2,858.3	2,873.2	2,898.0	2,919.3	2,914.3	2,908.1	2,908.3	2,911.3	2,904.7
Employed .....	2,750.5	2,747.8	2,749.3	2,750.8	2,752.1	2,761.1	2,784.4	2,812.3	2,808.7	2,804.0	2,808.6	2,808.6	2,803.6
Unemployed .....	100.3	104.5	106.8	108.0	106.2	112.1	113.6	106.9	105.6	104.1	99.7	102.7	101.1
Unemployment rate .....	3.5	3.7	3.7	3.8	3.7	3.9	3.9	3.7	3.6	3.6	3.4	3.5	3.5
<b>Wyoming</b>													
Civilian labor force .....	256.0	256.5	256.6	256.6	256.5	256.1	256.2	257.3	259.5	260.1	257.8	256.6	257.3
Employed .....	244.1	244.3	244.6	244.7	245.2	245.3	245.6	245.3	246.4	248.3	246.9	245.1	245.1
Unemployed .....	12.0	12.2	12.0	11.9	11.2	10.8	10.6	12.0	13.0	11.8	10.9	11.5	12.1
Unemployment rate .....	4.7	4.7	4.7	4.6	4.4	4.2	4.1	4.7	5.0	4.5	4.2	4.5	4.7

<sup>P</sup> = preliminary.

revised when new benchmark and population information becomes available.

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

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Alabama</b> .....	2,061.4	2,094.1	2,084.4	139.8	110.4	101.5	6.8	5.3	4.9
Birmingham .....	438.4	445.6	445.0	20.5	13.7	14.0	4.7	3.1	3.2
Huntsville .....	159.4	162.0	160.6	7.7	8.0	5.1	4.8	4.9	3.1
Mobile .....	255.7	265.9	266.2	19.5	13.5	13.0	7.6	5.1	4.9
Montgomery .....	153.7	155.7	156.2	9.3	6.1	6.2	6.0	3.9	4.0
Tuscaloosa .....	75.9	76.3	76.9	4.0	2.9	2.7	5.2	3.7	3.5
<b>Alaska</b> .....	307.6	322.3	320.0	16.5	20.2	17.5	5.4	6.3	5.5
Anchorage .....	130.3	132.6	132.6	5.5	6.4	5.5	4.2	4.8	4.2
<b>Arizona</b> .....	2,146.4	2,175.5	2,183.5	116.7	129.5	126.2	5.4	6.0	5.8
Phoenix-Mesa .....	1,385.2	1,396.3	1,386.6	47.9	53.6	52.1	3.5	3.8	3.8
Tucson .....	370.8	367.8	367.1	12.0	14.0	13.3	3.2	3.8	3.6
<b>Arkansas</b> .....	1,235.8	1,263.4	1,254.7	61.8	69.6	64.8	5.0	5.5	5.2
Fayetteville-Springdale-Rogers .....	137.1	142.0	141.0	3.4	4.7	3.7	2.5	3.3	2.6
Fort Smith .....	96.3	97.8	96.2	4.3	4.8	4.4	4.5	5.0	4.6
Little Rock-North Little Rock .....	299.7	306.3	305.2	11.4	12.0	11.6	3.8	3.9	3.8
Pine Bluff .....	37.1	37.4	37.2	2.9	3.0	2.9	7.8	8.0	7.8
<b>California</b> .....	15,576.6	15,662.7	15,657.4	1,200.1	1,201.7	1,081.2	7.7	7.7	6.9
Bakersfield .....	274.6	282.2	278.3	31.9	33.0	30.5	11.6	11.7	10.9
Fresno .....	439.4	423.3	427.4	50.2	51.8	44.6	11.4	12.2	10.4
Los Angeles-Long Beach .....	4,411.3	4,432.3	4,441.0	366.4	404.9	359.0	8.3	9.1	8.1
Modesto .....	207.7	203.4	204.3	24.5	26.5	21.6	11.8	13.0	10.6
Oakland .....	1,142.8	1,153.8	1,153.3	69.1	62.5	57.8	6.1	5.4	5.0
Orange County .....	1,331.5	1,351.4	1,349.1	71.6	61.5	57.0	5.4	4.5	4.2
Riverside-San Bernardino .....	1,281.3	1,312.3	1,301.9	120.8	116.5	107.2	9.4	8.9	8.2
Sacramento .....	723.8	737.1	737.1	46.2	46.3	41.0	6.4	6.3	5.6
Salinas .....	177.0	181.9	180.6	14.5	14.3	12.9	8.2	7.9	7.2
San Diego .....	1,240.9	1,240.1	1,238.3	80.7	72.4	65.9	6.5	5.8	5.3
San Francisco .....	899.3	896.7	892.0	48.3	41.4	37.4	5.4	4.6	4.2
San Jose .....	878.3	896.9	902.5	41.8	34.5	32.3	4.8	3.8	3.6
Santa Barbara-Santa Maria-Lompoc .....	192.5	192.9	192.0	12.0	10.1	10.0	6.2	5.2	5.2
Santa Rosa .....	225.8	223.0	224.4	11.9	10.8	9.8	5.3	4.8	4.4
Stockton-Lodi .....	248.8	247.6	249.7	24.7	26.0	21.7	9.9	10.5	8.7
Vallejo-Fairfield-Napa .....	234.9	235.5	235.0	16.8	17.3	16.2	7.1	7.3	6.9
Ventura .....	387.0	390.8	387.9	33.1	31.3	31.3	8.6	8.0	8.1
<b>Colorado</b> .....	2,126.8	2,133.4	2,121.9	88.1	88.7	81.8	4.1	4.2	3.9
Boulder-Longmont .....	162.6	164.8	163.3	7.0	6.3	5.8	4.3	3.8	3.5
Colorado Springs .....	238.7	244.6	243.0	11.1	11.6	10.3	4.6	4.7	4.2
Denver .....	1,074.1	1,070.2	1,066.1	40.0	40.2	37.5	3.7	3.8	3.5
<b>Connecticut</b> .....	1,742.4	1,788.2	1,768.7	99.7	93.7	85.7	5.7	5.2	4.8
Bridgeport .....	224.7	228.2	225.6	15.3	14.2	12.9	6.8	6.2	5.7
Danbury .....	109.5	109.4	108.7	4.2	4.1	3.8	3.9	3.8	3.4
Hartford .....	595.3	607.2	599.5	36.7	34.0	31.4	6.2	5.6	5.2
New Haven-Meriden .....	275.5	283.0	281.4	16.1	15.7	14.3	5.8	5.5	5.1
New London-Norwich .....	156.7	162.4	160.4	8.8	8.0	7.8	5.6	4.9	4.8
Stamford-Newark .....	191.3	201.0	198.8	7.4	6.6	6.0	3.9	3.3	3.0
Waterbury .....	118.1	124.4	122.2	7.5	7.2	6.2	6.4	5.8	5.1
<b>Delaware</b> .....	385.2	389.9	386.7	16.9	19.9	20.9	4.4	5.1	5.4
Dover .....	89.5	71.4	70.6	3.3	3.7	3.3	4.7	5.1	4.7
Wilmington-Newark .....	281.1	287.6	285.8	13.6	17.8	19.8	4.9	6.2	6.9
<b>District of Columbia</b> .....	281.5	277.9	264.1	24.9	26.0	23.1	8.8	9.4	8.8
Washington .....	2,589.4	2,621.9	2,590.0	107.5	101.8	96.1	4.2	3.9	3.7
<b>Florida</b> .....	6,891.0	7,104.9	7,048.1	390.3	398.6	368.7	5.7	5.6	5.2
Daytona Beach .....	188.7	193.1	191.6	8.2	8.1	7.4	4.3	4.2	3.9
Fort Lauderdale .....	726.6	756.3	751.7	40.8	41.0	38.0	5.6	5.4	5.1
Fort Myers-Cape Coral .....	169.0	175.2	173.6	7.5	7.1	6.2	4.4	4.0	3.6
Gainesville .....	99.4	102.3	102.2	2.8	3.1	2.6	2.8	3.0	2.6
Jacksonville .....	513.4	528.1	524.8	17.9	21.7	19.0	3.5	4.1	3.6
Lakeland-Winter Haven .....	196.3	199.0	196.9	18.3	18.3	17.6	9.3	9.2	8.9
Melbourne-Titusville-Palm Bay .....	204.2	204.2	203.7	13.0	11.2	10.4	6.3	5.5	5.1
Miami .....	1,044.0	1,070.2	1,054.8	75.0	81.0	74.9	7.2	7.6	7.1
Orlando .....	761.7	784.3	779.7	33.8	32.3	28.8	4.4	4.1	3.7
Pensacola .....	189.6	174.7	172.9	6.7	6.6	5.7	3.9	3.8	3.3
Sarasota-Bradenton .....	227.1	238.5	237.7	8.9	8.9	8.0	3.9	3.7	3.4
Tallahassee .....	142.9	149.4	147.5	4.2	4.9	4.4	2.9	3.3	3.0
Tampa-St. Petersburg-Clearwater .....	1,099.4	1,132.2	1,124.8	47.1	46.6	42.3	4.3	4.1	3.8
West Palm Beach-Boca Raton .....	453.0	465.3	463.4	36.7	37.3	36.3	8.1	8.0	7.8

See footnotes at end of table.

STATE AND AREA LABOR FORCE DATA  
NOT SEASONALLY ADJUSTED

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Aug. 1995	July 1996	Aug. 1996 <sup>a</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>a</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>a</sup>
<b>Georgia</b> .....	3,628.6	3,818.3	3,774.8	183.6	186.1	170.9	5.1	4.9	4.5
Albany .....	53.4	55.7	56.0	3.3	3.8	3.5	6.2	6.7	6.2
Athens .....	65.8	70.8	69.7	2.3	2.4	2.2	3.5	3.4	3.2
Atlanta .....	1,886.5	2,007.6	1,974.2	84.7	77.0	73.5	4.5	3.8	3.7
Augusta-Aiken .....	201.9	202.9	202.3	15.1	14.4	13.9	7.5	7.1	6.9
Columbus .....	114.3	118.6	118.6	7.6	6.2	5.8	6.7	5.2	4.9
Macon .....	141.0	144.7	145.5	7.0	7.0	6.7	5.0	4.8	4.6
Savannah .....	126.1	130.7	131.5	6.7	7.1	6.2	5.3	5.4	4.7
<b>Hawaii</b> .....	582.4	598.0	592.4	37.6	37.9	38.3	6.5	6.3	6.5
Honolulu .....	420.4	431.7	428.2	21.4	22.6	23.0	5.1	5.2	5.4
<b>Idaho</b> .....	604.4	622.4	623.5	29.3	26.9	28.5	4.8	4.3	4.6
Boise City .....	200.6	207.0	209.2	7.3	7.3	7.2	3.7	3.5	3.5
<b>Illinois</b> .....	6,125.8	6,252.6	6,195.1	321.4	328.2	326.4	5.2	5.2	5.3
Bloomington-Normal .....	77.0	78.3	77.9	2.2	2.4	2.3	2.9	3.0	3.0
Champaign-Urbana .....	89.8	91.9	90.4	2.8	3.0	2.8	3.2	3.2	3.1
Chicago .....	4,063.6	4,161.1	4,121.5	208.6	208.1	208.1	5.1	5.0	5.0
Davenport-Moline-Rock Island .....	181.4	185.0	183.3	7.7	7.3	7.0	4.2	4.0	3.8
Decatur .....	61.2	60.9	60.8	5.0	5.2	5.6	8.1	8.5	9.2
Kankakee .....	51.8	52.5	51.9	3.1	2.9	3.0	6.1	5.6	5.7
Peoria-Pekin .....	181.7	183.8	182.4	8.0	11.2	11.2	4.4	6.1	6.1
Rockford .....	195.0	198.6	196.9	8.0	8.9	8.3	4.1	4.5	4.2
Springfield .....	110.6	108.2	111.9	4.9	4.9	5.1	4.5	4.5	4.5
<b>Indiana</b> .....	3,141.6	3,162.0	3,103.0	136.7	132.9	120.0	4.4	4.2	3.9
Bloomington .....	59.1	59.9	58.9	2.0	2.0	1.6	3.3	3.3	2.8
Elkhart-Goshen .....	98.3	100.6	99.7	4.0	4.0	3.5	4.1	3.9	3.5
Evansville-Henderson .....	158.1	154.9	152.7	7.5	6.5	6.3	4.8	4.2	4.1
Fort Wayne .....	266.3	268.8	264.0	9.8	9.7	8.6	3.7	3.6	3.2
Gary .....	302.6	309.8	300.8	18.0	15.5	15.0	5.9	5.0	5.0
Indianapolis .....	828.0	828.8	810.4	30.1	28.7	25.6	3.6	3.5	3.2
Kokomo .....	54.7	55.2	56.3	2.1	1.9	1.9	3.8	3.4	3.3
Lafayette .....	80.2	85.5	83.0	2.2	2.5	2.2	2.8	2.9	2.7
Muncie .....	64.6	62.7	60.8	3.2	3.1	2.9	4.9	4.9	4.8
South Bend .....	138.3	137.0	134.7	5.5	6.3	5.3	4.0	4.6	4.0
Terre Haute .....	76.1	76.1	75.0	4.4	4.5	4.5	5.8	5.9	5.9
<b>Iowa</b> .....	1,556.6	1,611.7	1,606.4	50.1	46.9	44.6	3.2	2.9	2.8
Cedar Rapids .....	105.6	109.4	108.5	2.8	2.6	2.4	2.7	2.3	2.2
Des Moines .....	252.9	259.4	260.1	6.0	5.0	6.1	2.4	1.9	2.3
Dubuque .....	49.4	50.7	49.8	1.3	2.4	2.1	2.6	4.7	4.3
Iowa City .....	63.8	64.3	65.7	1.9	1.6	1.6	2.9	2.5	2.4
Stoux City .....	65.7	66.8	66.1	1.8	2.0	1.8	2.8	3.1	2.7
Waterloo-Cedar Falls .....	66.5	68.0	67.3	2.7	2.5	2.5	4.1	3.7	3.8
<b>Kansas</b> .....	1,326.2	1,376.3	1,355.7	55.6	53.0	54.1	4.2	3.9	4.0
Lawrence .....	49.2	49.3	50.4	2.5	2.3	2.4	5.1	4.8	4.7
Topeka .....	88.6	92.3	91.0	3.8	3.9	4.4	4.3	4.2	4.8
Wichita .....	262.1	273.5	267.6	12.0	10.5	10.4	4.6	3.8	3.9
<b>Kentucky</b> .....	1,867.8	1,894.7	1,863.3	94.8	92.3	77.0	5.1	4.9	4.1
Lexington .....	239.8	246.0	243.1	6.8	5.2	5.0	2.8	2.1	2.0
Louisville .....	536.2	546.0	537.3	22.8	23.0	18.9	4.2	4.2	3.5
Owensboro .....	49.6	49.6	49.2	2.8	2.1	2.0	5.7	4.2	4.1
<b>Louisiana</b> .....	1,971.8	2,050.3	2,009.6	132.9	146.4	139.2	6.7	7.1	6.9
Alexandria .....	59.1	61.5	59.9	4.1	4.8	4.5	6.9	7.9	7.6
Baton Rouge .....	280.0	295.7	289.7	17.6	19.2	17.8	6.3	6.5	6.1
Houma .....	81.9	85.6	83.7	4.2	3.8	3.6	5.1	4.5	4.3
Lafayette .....	164.2	171.4	169.0	10.1	10.6	10.3	6.2	6.2	6.1
Lake Charles .....	86.6	89.6	88.6	5.2	5.6	5.5	6.0	6.2	6.2
Monroe .....	67.7	71.0	69.5	3.9	4.8	4.6	5.7	6.8	6.7
New Orleans .....	609.0	628.0	618.3	39.4	42.7	41.7	6.5	6.8	6.8
Shreveport-Bossier City .....	180.2	186.8	183.6	13.0	13.9	13.5	7.2	7.5	7.3
<b>Maine</b> .....	665.3	681.5	684.3	31.0	29.1	29.8	4.7	4.3	4.4
Lewiston-Auburn .....	51.0	51.2	51.4	2.6	2.9	3.1	5.2	5.7	5.9
Portland .....	126.9	131.5	131.7	4.0	3.2	3.4	3.2	2.5	2.6

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>Maryland</b> .....	2,768.1	2,834.0	2,820.8	139.7	135.3	129.4	5.0	4.8	4.6
Baltimore .....	1,298.8	1,332.9	1,325.8	73.7	73.2	69.3	5.7	5.5	5.2
<b>Massachusetts</b> .....	3,215.6	3,233.9	3,213.7	167.6	148.0	123.8	5.2	4.6	3.9
Barnstable-Yarmouth .....	80.8	82.7	82.6	3.2	2.9	2.4	4.0	3.5	3.0
Boston .....	1,768.7	1,777.0	1,766.2	82.9	71.3	60.3	4.7	4.0	3.4
Brockton .....	129.4	129.5	128.9	8.0	7.8	6.5	6.2	6.0	5.0
Fitchburg-Leominster .....	69.2	70.6	69.6	4.6	4.2	3.6	6.6	6.0	5.2
Lawrence .....	195.0	196.6	196.5	12.6	11.3	11.0	6.5	5.7	5.6
Lowell .....	154.9	153.1	152.3	8.7	7.2	6.4	5.6	4.7	4.2
New Bedford .....	83.5	85.0	83.3	7.3	7.2	5.5	8.7	8.5	6.6
Pittsfield .....	41.9	42.0	42.3	2.5	2.2	1.8	5.9	5.1	4.2
Springfield .....	279.6	281.0	279.2	16.1	13.0	11.0	5.8	4.6	4.0
Worcester .....	242.7	246.5	245.5	11.8	10.7	9.2	4.9	4.3	3.7
<b>Michigan</b> .....	4,792.5	4,913.0	4,897.8	238.7	266.7	205.8	5.0	5.4	4.2
Ann Arbor .....	271.3	275.9	272.2	9.5	9.5	7.6	3.5	3.4	2.8
Benton Harbor .....	83.0	84.3	83.8	4.3	5.4	4.7	5.2	6.4	5.6
Detroit .....	2,146.7	2,226.3	2,221.9	105.8	123.3	89.9	4.9	5.5	4.0
Flint .....	203.4	201.3	200.7	13.4	15.5	11.7	6.6	7.7	5.8
Grand Rapids-Muskegon-Holland .....	544.2	564.5	563.1	22.2	26.4	21.2	4.1	4.7	3.8
Jackson .....	74.0	74.9	74.6	4.0	4.1	3.5	5.4	5.4	4.7
Kalamazoo-Battle-Creek .....	224.4	223.6	223.4	9.4	10.7	8.7	4.2	4.8	3.9
Lansing-East Lansing .....	228.4	231.8	229.9	8.3	8.9	7.6	3.6	3.9	3.3
Saginaw-Bay City-Midland .....	193.9	195.0	195.2	10.2	9.2	7.9	5.3	4.7	4.0
<b>Minnesota</b> .....	2,595.8	2,646.0	2,650.5	82.7	92.7	90.7	3.2	3.5	3.4
Duluth-Superior .....	122.1	124.5	123.0	5.8	6.2	6.2	4.7	5.0	5.0
Minneapolis-St.Paul .....	1,615.0	1,648.0	1,647.6	42.6	46.5	46.4	2.6	2.8	2.8
Rochester .....	64.5	66.5	66.6	1.6	1.7	1.7	2.4	2.6	2.5
St. Cloud .....	89.8	92.9	92.5	3.3	4.1	3.8	3.7	4.4	4.1
<b>Mississippi</b> .....	1,265.9	1,281.8	1,264.9	85.2	80.5	81.5	6.7	6.3	6.4
Jackson .....	217.5	220.5	216.4	9.9	8.4	8.4	4.6	3.8	3.9
<b>Missouri</b> .....	2,865.2	2,911.3	2,859.5	150.0	138.1	121.8	5.2	4.7	4.3
Kansas City .....	939.3	977.0	953.3	42.8	40.9	37.1	4.6	4.2	3.9
St. Louis LMA .....	1,350.3	1,371.9	1,346.7	72.5	64.5	59.4	5.4	4.7	4.4
Springfield .....	164.9	166.0	163.3	6.1	5.5	5.2	3.7	3.3	3.2
<b>Montana</b> .....	440.2	459.4	454.1	22.2	22.3	20.6	5.1	4.9	4.5
<b>Nebraska</b> .....	910.9	925.4	911.2	21.7	28.5	21.7	2.4	3.1	2.4
Lincoln .....	137.4	140.0	138.8	2.9	4.2	3.0	2.1	3.0	2.2
Omaha .....	374.2	381.0	374.5	9.5	11.3	9.1	2.5	3.0	2.4
<b>Nevada</b> .....	813.9	851.8	851.8	42.7	43.7	43.0	5.2	5.1	5.1
Las Vegas .....	603.2	637.7	637.0	33.3	34.3	33.5	5.5	5.4	5.3
Reno .....	166.5	169.3	168.3	7.2	7.0	6.8	4.3	4.2	4.1
<b>New Hampshire</b> .....	645.2	639.2	636.7	24.7	23.1	23.2	3.8	3.6	3.7
Manchester .....	101.0	96.9	96.9	3.9	3.1	3.2	3.9	3.2	3.3
Nashua .....	97.8	96.6	95.8	4.4	3.6	3.8	4.5	3.7	4.0
Portsmouth-Rochester .....	123.7	121.8	120.1	4.0	4.5	3.7	3.3	3.7	3.1
<b>New Jersey</b> .....	4,099.5	4,156.3	4,122.7	258.7	273.4	245.0	6.3	6.6	5.9
Atlantic-Cape May .....	182.0	186.4	185.7	13.3	14.4	12.9	7.3	7.7	6.9
Bergen-Passaic .....	662.1	668.8	663.4	44.5	46.4	41.2	6.7	6.9	6.2
Jersey City .....	284.5	287.4	284.2	26.0	28.8	25.5	9.1	10.0	9.0
Middlesex-Somerset-Hunterdon .....	602.9	613.2	609.2	30.8	31.0	28.3	5.1	5.0	4.7
Monmouth-Ocean .....	522.6	536.6	534.7	28.3	30.9	27.0	5.4	5.8	5.1
Newark .....	1,009.6	1,016.3	1,005.8	64.1	67.4	60.2	6.3	6.6	6.0
Trenton .....	166.7	169.3	168.4	9.2	10.4	9.5	5.5	6.1	5.7
Vineland-Milville-Bridgeton .....	64.8	65.5	65.0	5.8	6.2	5.6	8.9	9.5	8.7
<b>New Mexico</b> .....	787.1	825.3	818.9	50.6	61.5	58.8	6.4	7.5	7.2
Albuquerque .....	339.5	359.2	355.7	15.3	19.5	18.9	4.5	5.4	5.3
Las Cruces .....	62.0	64.9	65.2	5.3	5.8	5.3	8.5	8.9	8.2
Santa Fe .....	73.5	74.8	73.8	3.1	3.3	3.3	4.2	4.4	4.4

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>New York</b> .....	8,601.1	8,789.3	8,697.7	539.7	577.0	520.2	6.3	6.6	6.0
Albany-Schenectady-Troy .....	456.8	461.1	457.3	22.7	22.6	19.4	5.0	4.9	4.2
Binghamton .....	123.3	123.7	122.2	5.9	5.7	4.8	4.8	4.6	3.9
Buffalo-Niagara Falls .....	577.2	588.4	582.4	31.6	33.8	30.0	5.5	5.7	5.2
Dutchess County .....	116.6	120.7	119.3	5.6	5.5	4.7	4.8	4.6	4.0
Elmira .....	43.2	44.6	44.2	2.0	2.1	1.8	4.6	4.7	4.1
Glens Falls .....	67.3	69.6	67.6	3.4	3.7	3.3	5.0	5.3	4.8
Nassau-Suffolk .....	1,379.9	1,414.6	1,403.1	73.9	69.9	62.4	5.4	4.9	4.4
New York .....	3,821.7	3,910.6	3,869.8	292.8	327.4	302.8	7.7	8.4	7.8
New York City .....	3,181.9	3,260.8	3,225.2	261.7	295.3	274.2	8.2	9.1	8.5
Newburgh .....	173.8	175.2	172.9	8.7	8.5	7.3	5.0	4.8	4.2
Rochester .....	570.9	584.7	577.2	24.3	25.4	22.0	4.3	4.3	3.8
Syracuse .....	365.1	371.3	366.6	19.1	18.2	15.5	5.2	4.9	4.2
Utica-Rome .....	146.8	149.0	147.0	7.3	8.2	6.9	5.0	5.5	4.7
<b>North Carolina</b> .....	3,681.4	3,805.0	3,764.4	159.9	170.5	152.6	4.3	4.5	4.1
Asheville .....	105.7	107.3	106.3	3.5	3.0	3.2	3.3	2.8	3.0
Charlotte-Gastonia-Rock Hill .....	716.2	734.8	727.5	25.2	28.4	26.8	3.5	3.9	3.7
Greensboro-Winston-Salem-High Point .....	615.9	630.9	625.4	20.5	21.9	19.9	3.3	3.5	3.2
Raleigh-Durham-Chapel Hill .....	555.9	573.7	567.7	15.0	14.0	13.2	2.7	2.4	2.3
<b>North Dakota</b> .....	345.3	351.3	350.8	10.2	9.1	8.9	2.9	2.6	2.5
Bismarck .....	50.6	51.7	51.5	1.5	1.1	1.2	3.0	2.1	2.3
Fargo-Moorhead .....	94.0	97.2	97.2	2.0	2.0	1.9	2.1	2.0	2.0
Grand Forks .....	68.3	68.7	68.8	2.3	2.1	2.0	3.3	3.1	3.0
<b>Ohio</b> .....	5,681.3	5,833.9	5,797.0	266.0	280.5	246.9	4.7	4.8	4.3
Akron .....	357.4	362.3	360.9	14.9	15.0	13.9	4.2	4.1	3.9
Canton-Massillon .....	201.3	205.1	204.7	9.0	10.3	9.1	4.5	5.0	4.4
Cincinnati .....	821.4	842.5	838.0	34.5	34.7	31.2	4.2	4.1	3.7
Cleveland-Lorain-Elyria .....	1,114.6	1,144.4	1,133.3	58.9	59.4	51.6	5.3	5.2	4.5
Columbus .....	796.5	819.8	818.8	24.8	24.4	23.2	3.1	3.0	2.8
Dayton-Springfield .....	475.1	484.2	485.7	18.4	22.4	20.1	3.9	4.6	4.1
Hamilton-Middletown .....	165.1	169.8	168.8	6.6	6.6	6.2	4.0	3.9	3.7
Lima .....	77.3	78.6	78.4	4.4	5.1	4.5	5.7	6.4	5.8
Mansfield .....	85.5	87.6	86.5	5.4	5.4	4.8	6.4	6.1	5.5
Steubenville-Weirton .....	58.6	59.5	59.4	3.9	3.3	3.0	6.6	5.5	5.1
Toledo .....	313.4	320.0	316.5	15.0	15.6	13.3	4.8	4.9	4.2
Youngstown-Warren .....	288.5	292.2	290.5	16.7	16.5	15.5	5.8	5.6	5.3
<b>Oklahoma</b> .....	1,550.2	1,607.8	1,583.2	64.5	63.7	59.8	4.2	4.0	3.8
Enid .....	27.8	28.9	28.0	.9	1.0	.9	3.3	3.4	3.2
Lawton .....	41.9	43.6	43.4	2.0	1.9	1.7	4.7	4.3	3.9
Oklahoma City .....	506.5	535.0	524.0	17.3	17.5	15.9	3.4	3.3	3.0
Tulsa .....	386.0	403.2	395.4	14.4	12.7	12.6	3.7	3.1	3.2
<b>Oregon</b> .....	1,682.6	1,756.1	1,737.8	73.3	87.1	84.4	4.4	5.0	4.9
Eugene-Springfield .....	155.8	159.0	158.3	6.8	7.5	7.6	4.4	4.7	4.9
Medford-Ashland .....	83.4	85.9	86.3	5.4	6.5	6.1	6.4	7.6	7.1
Portland-Vancouver .....	970.8	1,027.3	1,005.6	34.7	40.7	38.0	3.6	4.0	3.8
Salem .....	161.9	164.7	167.2	6.4	8.3	7.7	3.9	5.0	4.6
<b>Pennsylvania</b> .....	5,916.1	6,014.1	5,973.1	332.2	319.7	297.6	5.6	5.3	5.0
Allentown-Bethlehem-Easton .....	306.7	314.8	312.9	16.6	17.0	15.8	5.4	5.4	5.0
Altoona .....	63.2	64.1	64.2	3.4	3.7	3.0	5.4	5.7	4.7
Erie .....	142.4	143.6	142.6	8.6	8.3	7.5	6.0	5.8	5.3
Harrisburg-Lebanon-Carlisle .....	342.6	353.5	351.5	12.2	12.0	10.5	3.6	3.4	3.0
Johnstown .....	106.8	109.2	107.9	8.1	8.0	7.3	7.6	7.3	6.8
Lancaster .....	237.5	242.8	242.4	8.0	8.5	7.3	3.4	3.5	3.0
Philadelphia .....	2,428.1	2,473.9	2,449.7	143.3	137.1	129.7	5.9	5.5	5.3
Pittsburgh .....	1,156.3	1,170.1	1,160.0	65.3	58.3	56.0	5.6	5.0	4.8
Reading .....	179.5	183.1	183.3	8.2	7.8	7.1	4.6	4.3	3.9
Scranton-Wilkes-Barre-Hazleton .....	316.2	320.9	318.2	23.3	22.4	20.5	7.4	7.0	6.4
Sharon .....	55.8	56.3	55.5	2.7	2.4	2.1	4.8	4.2	3.8
State College .....	62.9	61.9	62.5	1.9	1.9	1.8	3.0	3.1	2.8
Williamsport .....	57.6	58.8	58.4	3.6	3.5	3.3	6.2	6.0	5.6
York .....	192.6	196.0	194.4	7.8	8.8	8.3	4.1	4.5	4.2
<b>Rhode Island</b> .....	489.0	492.4	498.1	32.1	21.9	23.7	6.6	4.4	4.8
Providence-Fall River-Warwick .....	563.3	563.4	568.9	38.7	29.5	28.7	6.9	5.2	5.0

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>South Carolina</b> .....	1,889.3	1,904.8	1,883.6	95.7	118.0	111.8	5.1	6.2	5.9
Charleston-North Charleston .....	250.3	251.5	247.7	12.8	14.5	14.2	5.1	5.7	5.7
Columbia .....	262.4	267.0	263.6	8.7	10.0	9.3	3.3	3.7	3.5
Greenville-Spartanburg-Anderson .....	480.6	490.0	484.9	16.2	23.1	21.2	3.4	4.7	4.4
<b>South Dakota</b> .....	392.3	401.1	399.5	11.5	10.9	11.5	2.9	2.7	2.9
Rapid City .....	45.6	46.4	46.0	1.2	1.1	1.2	2.6	2.4	2.5
Sioux Falls .....	91.7	95.8	95.5	1.7	1.6	1.7	1.9	1.7	1.8
<b>Tennessee</b> .....	2,737.8	2,790.6	2,775.5	154.1	146.0	128.0	5.6	5.2	4.6
Chattanooga .....	221.9	223.4	221.8	11.4	10.1	9.2	5.2	4.5	4.1
Johnson City-Kingsport-Bristol .....	231.9	232.9	231.2	13.5	12.0	9.9	5.8	5.2	4.3
Knoxville .....	348.5	349.2	346.2	15.0	14.0	11.6	4.3	4.0	3.4
Memphis .....	528.9	539.7	537.8	29.1	22.1	21.9	5.5	4.1	4.1
Nashville .....	615.2	631.0	632.6	24.6	20.0	20.6	4.0	3.2	3.3
<b>Texas</b> .....	9,650.0	9,842.6	9,739.6	587.9	594.8	547.7	6.1	6.0	5.6
Abilene .....	59.3	59.2	58.4	3.2	3.1	2.9	5.3	5.2	4.9
Amarillo .....	111.6	114.8	114.2	4.2	4.6	4.3	3.7	4.0	3.8
Austin-San Marcos .....	609.5	632.9	626.7	18.2	20.7	18.8	3.0	3.3	3.0
Beaumont-Port Arthur .....	183.8	184.5	181.3	19.2	18.5	17.0	10.4	10.0	9.4
Brazoria .....	106.1	105.6	103.6	8.3	7.7	7.3	7.8	7.3	7.1
Brownsville-Harlingen-San Benito .....	123.5	130.8	126.3	15.6	19.8	15.0	12.7	15.1	11.8
Bryan-College Station .....	66.8	67.6	67.0	2.2	1.9	1.7	3.3	2.8	2.6
Corpus Christi .....	176.2	179.0	178.1	16.3	16.3	15.6	9.2	9.1	8.8
Dallas .....	1,737.5	1,775.2	1,764.9	82.6	74.8	71.0	4.8	4.2	4.0
El Paso .....	288.5	290.5	288.1	28.9	36.2	34.8	10.0	12.5	12.1
Fort Worth-Arlington .....	825.4	844.9	839.2	40.0	35.1	32.2	4.8	4.2	3.8
Galveston-Texas City .....	127.7	130.3	128.7	9.6	11.4	10.8	7.5	8.8	8.4
Houston .....	2,012.2	2,034.6	2,011.0	119.7	115.1	108.4	5.9	5.7	5.4
Killeen-Temple .....	111.2	116.5	115.2	5.5	5.6	5.5	5.0	4.8	4.8
Laredo .....	70.5	68.1	66.6	11.3	9.0	8.1	16.0	13.2	12.1
Longview-Marshall .....	102.2	103.2	102.3	8.2	8.4	8.0	8.1	8.1	7.8
Lubbock .....	122.0	125.2	124.0	5.3	6.2	4.9	4.4	4.9	4.0
McAllen-Edinburg-Mission .....	177.3	182.6	181.0	34.3	34.2	33.3	19.3	18.7	18.4
Odessa-Midland .....	119.5	122.1	121.4	7.3	7.7	7.0	6.1	6.3	5.7
San Angelo .....	50.6	50.2	49.2	2.1	1.8	1.7	4.2	3.6	3.4
San Antonio .....	727.6	744.0	731.1	35.0	38.2	32.7	4.8	5.1	4.5
Sherman-Denison .....	48.2	48.6	48.7	2.3	2.5	2.1	4.8	5.2	4.4
Texarkana .....	57.6	58.2	57.7	4.6	4.3	4.2	8.0	7.4	7.3
Tyler .....	84.8	86.3	85.1	4.7	6.3	6.0	5.6	7.3	7.0
Victoria .....	41.8	42.1	41.4	2.4	2.2	2.0	5.9	5.3	4.9
Waco .....	99.8	102.4	101.5	4.8	5.2	4.6	4.8	5.1	4.5
Wichita Falls .....	65.1	67.3	66.0	3.1	4.4	3.1	4.7	6.6	4.6
<b>Utah</b> .....	988.3	1,023.8	1,028.2	38.2	32.0	32.5	3.9	3.1	3.2
Provo-Orem .....	144.0	150.3	153.1	4.8	4.1	4.3	3.3	2.7	2.8
Salt Lake City-Ogden .....	638.1	660.2	662.2	23.0	19.1	19.5	3.6	2.9	2.9
<b>Vermont</b> .....	319.6	322.4	325.0	12.0	11.7	12.4	3.8	3.6	3.8
Burlington .....	93.6	93.7	93.9	2.7	2.6	2.7	2.9	2.8	2.9
<b>Virginia</b> .....	3,539.3	3,563.7	3,529.5	161.7	160.2	142.9	4.6	4.5	4.0
Charlottesville .....	72.2	74.4	74.0	1.8	1.8	1.7	2.5	2.5	2.3
Danville .....	60.4	58.9	57.5	5.4	4.9	4.1	8.9	8.3	7.1
Lynchburg .....	107.2	107.9	107.7	4.0	3.8	3.6	3.7	3.5	3.3
Norfolk-Virginia Beach-Newport News .....	740.3	738.7	730.3	35.9	37.1	33.0	4.8	5.0	4.5
Richmond-Petersburg .....	513.2	520.1	515.3	19.0	18.9	18.8	3.7	3.6	3.7
Roanoke .....	129.5	133.4	132.5	3.9	3.8	3.4	3.0	2.8	2.6
<b>Washington</b> .....	2,828.6	2,947.7	2,882.2	163.5	160.8	147.9	5.8	5.5	5.1
Spokane .....	197.8	201.0	197.5	9.1	9.6	8.7	4.6	4.8	4.4
Tacoma .....	312.4	322.0	316.3	17.9	17.6	15.8	5.7	5.5	5.0
Seattle-Bellevue-Everett .....	1,237.8	1,304.2	1,282.1	60.4	56.0	51.0	4.9	4.3	4.0

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>	Aug. 1995	July 1996	Aug. 1996 <sup>P</sup>
<b>West Virginia</b> .....	799.5	815.8	807.4	60.7	52.9	50.5	7.6	6.5	6.2
Charleston .....	130.1	133.9	133.1	7.0	6.0	5.9	5.4	4.4	4.5
Huntington-Ashland .....	135.7	140.4	139.2	9.3	8.1	8.0	6.8	5.8	5.8
Parkersburg-Marietta .....	77.6	79.2	77.5	5.4	4.4	4.2	6.9	5.5	5.4
Wheeling .....	71.1	73.3	72.3	3.9	3.6	3.1	5.5	4.9	4.3
<b>Wisconsin</b> .....	2,891.5	2,991.4	2,945.3	91.7	101.4	91.3	3.2	3.4	3.1
Appleton-Oshkosh-Neenah .....	219.9	226.1	222.6	6.0	5.7	5.4	2.7	2.5	2.4
Eau Claire .....	76.1	78.5	76.8	2.2	2.6	2.4	3.0	3.3	3.1
Green Bay .....	128.9	133.6	131.7	3.5	3.9	3.6	2.7	2.9	2.7
Janesville-Beloit .....	80.5	84.5	82.5	2.9	3.6	2.7	3.6	4.3	3.3
Kenosha .....	75.0	75.6	75.1	2.7	3.6	2.6	3.5	4.7	3.4
La Crosse .....	69.4	69.6	69.2	2.1	1.8	1.8	3.1	2.6	2.5
Madison .....	249.9	260.7	256.7	3.7	4.0	3.7	1.5	1.5	1.4
Milwaukee-Waukesha .....	790.6	809.6	796.9	27.3	28.7	28.7	3.5	3.5	3.6
Racine .....	94.5	97.0	96.0	3.6	4.5	3.8	3.8	4.6	4.0
Sheboygan .....	62.7	66.9	65.6	1.5	1.9	1.8	2.4	2.8	2.8
Wausau .....	71.7	73.8	72.5	2.6	2.5	2.2	3.6	3.4	3.0
<b>Wyoming</b> .....	259.4	262.2	260.7	10.2	10.3	10.4	3.9	3.9	4.0
Casper .....	33.3	32.5	32.5	1.6	1.7	1.7	4.8	5.2	5.3
<b>Puerto Rico</b> .....	1,244.7	1,307.3	1,272.2	171.7	187.7	183.0	13.8	14.4	14.4
Caguas .....	108.3	116.7	113.8	14.7	15.5	14.8	13.5	13.3	13.0
Mayaguez .....	90.2	96.9	95.7	13.4	15.1	15.5	14.8	15.6	16.2
Ponce .....	107.8	119.0	115.3	18.0	21.9	21.1	16.6	18.4	18.3
San Juan-Bayamon .....	674.8	705.7	685.0	77.5	81.7	79.9	11.5	11.6	11.7

<sup>P</sup> = preliminary.

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

be revised when new benchmark and population information becomes available.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-1. Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted**

(Numbers in thousands)

Employment status, sex, and age	1993		1994				1995				1996		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	195,068	195,621	196,085	196,522	197,050	197,600	197,882	198,296	198,807	199,352	199,776	200,280	200,850
Civilian labor force .....	129,428	129,742	130,639	130,694	131,090	131,723	132,213	132,183	132,380	132,432	133,192	133,647	134,135
Percent of population .....	66.3	66.3	66.6	66.5	66.5	66.7	66.8	66.7	66.6	66.4	66.7	66.7	66.8
Employed .....	120,626	121,152	122,006	122,638	123,250	124,366	124,886	124,712	124,909	125,096	125,680	126,389	127,102
Employment-population ratio <sup>2</sup> .....	61.8	61.9	62.2	62.4	62.5	62.9	63.1	62.9	62.8	62.8	62.9	63.1	63.3
Unemployed .....	8,802	8,590	8,633	8,056	7,840	7,357	7,327	7,471	7,471	7,336	7,512	7,258	7,033
Unemployment rate .....	6.8	6.6	6.6	6.2	6.0	5.6	5.5	5.7	5.6	5.5	5.6	5.4	5.2
<b>Men, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	93,447	93,735	93,978	94,203	94,474	94,764	94,815	95,029	95,292	95,578	95,787	96,048	96,337
Civilian labor force .....	70,561	70,439	70,635	70,545	70,771	71,236	71,530	71,397	71,312	71,209	71,789	72,099	72,150
Percent of population .....	75.5	75.1	75.2	74.9	74.9	75.2	75.4	75.1	74.8	74.5	74.9	75.1	74.9
Employed .....	65,553	65,688	65,881	66,185	66,493	67,251	67,583	67,380	67,306	67,252	67,707	68,165	68,387
Employment-population ratio <sup>2</sup> .....	70.1	70.1	70.1	70.3	70.4	71.0	71.3	70.9	70.6	70.4	70.7	71.0	71.0
Agriculture .....	2,452	2,483	2,535	2,534	2,542	2,625	2,680	2,550	2,525	2,490	2,609	2,541	2,587
Nonagricultural industries .....	63,101	63,205	63,346	63,651	63,950	64,625	64,903	64,830	64,781	64,762	65,098	65,624	65,800
Unemployed .....	5,008	4,751	4,754	4,360	4,278	3,985	3,946	4,017	4,006	3,958	4,082	3,934	3,763
Unemployment rate .....	7.1	6.7	6.7	6.2	6.0	5.6	5.5	5.6	5.6	5.6	5.7	5.5	5.2
Not in labor force .....	22,886	23,296	23,343	23,658	23,703	23,528	23,286	23,632	23,980	24,368	23,999	23,949	24,187
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	86,331	86,593	86,833	87,014	87,231	87,528	87,574	87,702	87,888	88,082	88,295	88,513	88,666
Civilian labor force .....	66,778	66,712	66,747	66,658	66,875	67,307	67,536	67,348	67,256	67,166	67,754	68,001	68,153
Percent of population .....	77.4	77.0	76.9	76.6	76.7	76.9	77.1	76.8	76.5	76.3	76.7	76.8	76.9
Employed .....	62,523	62,702	62,767	63,058	63,332	64,012	64,304	64,062	64,012	63,975	64,422	64,778	65,119
Employment-population ratio <sup>2</sup> .....	72.4	72.4	72.3	72.5	72.6	73.1	73.4	73.0	72.8	72.6	73.0	73.2	73.4
Agriculture .....	2,271	2,323	2,330	2,354	2,334	2,393	2,447	2,314	2,305	2,287	2,395	2,307	2,370
Nonagricultural industries .....	60,252	60,379	60,437	60,704	60,998	61,619	61,857	61,748	61,707	61,688	62,027	62,471	62,749
Unemployed .....	4,256	4,010	3,980	3,600	3,543	3,295	3,232	3,286	3,244	3,190	3,332	3,223	3,034
Unemployment rate .....	6.4	6.0	6.0	5.4	5.3	4.9	4.8	4.9	4.8	4.7	4.9	4.7	4.5
Not in labor force .....	19,553	19,881	20,086	20,356	20,356	20,222	20,038	20,354	20,632	20,916	20,541	20,512	20,513
<b>Women, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	101,621	101,886	102,107	102,319	102,576	102,837	103,067	103,267	103,515	103,774	103,988	104,232	104,512
Civilian labor force .....	58,867	59,302	60,005	60,149	60,319	60,487	60,683	60,786	61,068	61,223	61,404	61,548	61,985
Percent of population .....	57.9	58.2	58.8	58.8	58.8	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.3
Employed .....	55,073	55,464	56,126	56,453	56,757	57,115	57,303	57,332	57,603	57,844	57,973	58,224	58,715
Employment-population ratio <sup>2</sup> .....	54.2	54.4	55.0	55.2	55.3	55.5	55.6	55.5	55.6	55.7	55.7	55.9	56.2
Agriculture .....	657	636	805	829	878	912	916	891	848	871	903	873	899
Nonagricultural industries .....	54,416	54,828	55,321	55,624	55,880	56,203	56,386	56,442	56,755	56,973	57,070	57,351	57,817
Unemployed .....	3,795	3,839	3,879	3,696	3,562	3,371	3,381	3,454	3,465	3,379	3,431	3,324	3,270
Unemployment rate .....	6.4	6.5	6.5	6.1	5.9	5.6	5.6	5.7	5.7	5.5	5.6	5.4	5.3
Not in labor force .....	42,754	42,584	42,103	42,170	42,257	42,350	42,383	42,481	42,447	42,551	42,585	42,684	42,527
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	94,747	94,980	95,164	95,339	95,557	95,808	96,006	96,148	96,334	96,558	96,757	96,927	97,145
Civilian labor force .....	55,433	55,831	56,436	56,519	56,770	56,884	56,969	57,065	57,331	57,481	57,688	57,857	58,228
Percent of population .....	58.5	58.8	59.3	59.3	59.4	59.4	59.3	59.4	59.5	59.5	59.6	59.7	59.9
Employed .....	52,208	52,574	53,140	53,426	53,775	54,079	54,171	54,214	54,483	54,709	54,859	55,095	55,500
Employment-population ratio <sup>2</sup> .....	55.1	55.4	55.8	56.0	56.3	56.4	56.4	56.4	56.6	56.7	56.7	56.8	57.1
Agriculture .....	616	596	753	780	834	867	878	841	797	813	851	828	857
Nonagricultural industries .....	51,592	51,979	52,387	52,646	52,941	53,212	53,293	53,373	53,686	53,897	54,009	54,266	54,642
Unemployed .....	3,226	3,256	3,296	3,093	2,995	2,805	2,798	2,852	2,848	2,772	2,828	2,762	2,729
Unemployment rate .....	5.8	5.8	5.8	5.5	5.3	4.9	4.9	5.0	5.0	4.8	4.9	4.8	4.7
Not in labor force .....	39,314	39,149	38,728	38,820	38,787	38,924	39,038	39,083	39,003	39,077	39,070	39,070	38,917
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	13,991	14,048	14,088	14,169	14,262	14,264	14,302	14,446	14,585	14,712	14,723	14,839	15,038
Civilian labor force .....	7,216	7,199	7,456	7,517	7,445	7,532	7,709	7,770	7,793	7,785	7,750	7,789	7,754
Percent of population .....	51.6	51.2	52.9	53.1	52.2	52.8	53.9	53.8	53.4	52.9	52.6	52.5	51.6
Employed .....	5,895	5,876	6,099	6,154	6,143	6,275	6,411	6,437	6,414	6,411	6,399	6,516	6,484
Employment-population ratio <sup>2</sup> .....	42.1	41.8	43.3	43.4	43.1	44.0	44.8	44.6	44.0	43.6	43.5	43.9	43.1
Agriculture .....	222	201	256	229	252	278	272	286	272	261	266	278	259
Nonagricultural industries .....	5,673	5,675	5,843	5,925	5,891	5,997	6,140	6,151	6,142	6,150	6,132	6,238	6,225
Unemployed .....	1,321	1,323	1,357	1,363	1,302	1,257	1,297	1,333	1,379	1,374	1,352	1,273	1,270
Unemployment rate .....	18.3	18.4	18.2	18.1	17.5	16.7	16.8	17.2	17.7	17.6	17.4	16.3	16.4
Not in labor force .....	6,775	6,849	6,632	6,652	6,817	6,732	6,593	6,676	6,792	6,927	6,973	7,050	7,285

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

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

NOTE: Detail for the seasonally adjusted data shown in tables D-1

through D-10 will not necessarily add to totals because of the independent seasonal adjustment of the various series.



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-2. 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	1993		1994				1995				1996		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	164,431	164,801	165,093	165,361	165,701	166,067	166,442	166,715	167,063	167,438	167,760	168,098	168,491
Civilian labor force .....	109,882	110,219	110,722	110,776	111,121	111,631	111,874	111,833	112,035	112,052	112,638	112,888	113,075
Percent of population .....	66.8	66.9	67.1	67.0	67.1	67.2	67.2	67.1	67.1	66.9	67.1	67.2	67.1
Employed .....	103,302	103,728	104,391	104,845	105,319	106,210	106,498	106,323	106,584	106,552	107,106	107,563	107,952
Employment-population ratio <sup>2</sup> .....	62.8	62.9	63.2	63.4	63.6	64.0	64.0	63.8	63.8	63.6	63.8	64.0	64.1
Unemployed .....	6,580	6,491	6,331	5,931	5,802	5,421	5,376	5,510	5,451	5,500	5,533	5,325	5,123
Unemployment rate .....	6.0	5.9	5.7	5.4	5.2	4.9	4.8	4.9	4.9	4.9	4.9	4.7	4.5
<b>Men, 20 years and over</b>													
Civilian labor force .....	57,381	57,341	57,259	57,190	57,431	57,692	57,821	57,691	57,670	57,696	58,122	58,323	58,371
Percent of population .....	77.8	77.5	77.3	77.1	77.2	77.4	77.4	77.1	77.0	76.8	77.2	77.4	77.3
Employed .....	54,113	54,258	54,278	54,465	54,762	55,195	55,374	55,176	55,223	55,246	55,640	55,913	56,087
Employment-population ratio <sup>2</sup> .....	73.3	73.4	73.3	73.4	73.6	74.0	74.1	73.8	73.7	73.6	73.9	74.2	74.3
Unemployed .....	3,268	3,083	2,981	2,725	2,668	2,497	2,447	2,515	2,447	2,450	2,482	2,410	2,284
Unemployment rate .....	5.7	5.4	5.2	4.8	4.6	4.3	4.2	4.4	4.2	4.2	4.3	4.1	3.9
<b>Women, 20 years and over</b>													
Civilian labor force .....	46,372	46,663	47,132	47,174	47,386	47,546	47,504	47,566	47,820	47,838	47,944	47,981	48,130
Percent of population .....	58.3	58.6	59.1	59.0	59.2	59.3	59.1	59.1	59.3	59.2	59.3	59.3	59.4
Employed .....	44,030	44,252	44,782	44,971	45,187	45,521	45,501	45,506	45,772	45,779	45,879	45,992	46,210
Employment-population ratio <sup>2</sup> .....	55.4	55.5	56.1	56.3	56.5	56.8	56.6	56.5	56.8	56.7	56.7	56.8	57.0
Unemployed .....	2,342	2,411	2,349	2,203	2,199	2,026	2,003	2,061	2,048	2,058	2,065	1,989	1,920
Unemployment rate .....	5.0	5.2	5.0	4.7	4.6	4.3	4.2	4.3	4.3	4.3	4.3	4.1	4.0
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	6,129	6,215	6,332	6,412	6,304	6,392	6,549	6,576	6,545	6,518	6,573	6,584	6,573
Percent of population .....	55.2	55.7	56.5	57.0	55.8	56.5	57.6	57.5	56.9	56.3	56.4	55.9	55.3
Employed .....	5,159	5,217	5,331	5,409	5,370	5,494	5,624	5,642	5,589	5,527	5,586	5,658	5,654
Employment-population ratio <sup>2</sup> .....	46.5	46.8	47.6	48.1	47.5	48.6	49.5	49.3	48.6	47.7	47.9	48.1	47.6
Unemployed .....	970	997	1,001	1,003	935	898	925	934	956	992	986	926	919
Unemployment rate .....	15.8	16.0	15.8	15.6	14.8	14.1	14.1	14.2	14.6	15.2	15.0	14.1	14.0
Men .....	17.4	17.6	17.2	16.9	16.0	15.0	15.3	15.2	15.5	16.4	16.0	15.1	15.6
Women .....	14.1	14.3	14.3	14.3	13.5	13.1	12.9	13.1	13.6	13.9	14.0	12.9	12.3
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	22,562	22,662	22,749	22,826	22,918	23,022	23,116	23,194	23,285	23,388	23,454	23,549	23,650
Civilian labor force .....	14,257	14,263	14,459	14,484	14,473	14,586	14,765	14,791	14,770	14,940	14,950	15,025	15,269
Percent of population .....	63.2	62.9	63.6	63.5	63.1	63.4	63.9	63.8	63.4	63.9	63.7	63.8	64.6
Employed .....	12,476	12,543	12,595	12,797	12,906	13,043	13,256	13,253	13,155	13,455	13,356	13,483	13,663
Employment-population ratio <sup>2</sup> .....	55.3	55.3	55.4	56.1	56.3	56.7	57.3	57.1	56.5	57.5	56.9	57.3	57.8
Unemployed .....	1,782	1,719	1,864	1,686	1,567	1,543	1,509	1,538	1,616	1,486	1,594	1,542	1,606
Unemployment rate .....	12.5	12.1	12.9	11.6	10.8	10.6	10.2	10.4	10.9	9.9	10.7	10.3	10.5
<b>Men, 20 years and over</b>													
Civilian labor force .....	6,627	6,569	6,618	6,633	6,607	6,713	6,801	6,746	6,703	6,674	6,771	6,737	6,869
Percent of population .....	73.5	72.5	72.6	72.5	71.9	72.7	73.5	72.8	72.1	71.7	72.3	71.7	72.9
Employed .....	5,853	5,838	5,842	5,955	5,953	6,106	6,222	6,150	6,084	6,098	6,093	6,100	6,245
Employment-population ratio <sup>2</sup> .....	64.9	64.4	64.1	65.1	64.8	66.1	67.3	66.4	65.4	65.5	65.1	64.9	66.3
Unemployed .....	774	731	776	678	653	607	579	596	619	576	678	636	623
Unemployment rate .....	11.7	11.1	11.7	10.2	9.9	9.0	8.5	8.8	9.2	8.6	10.0	9.4	9.1
<b>Women, 20 years and over</b>													
Civilian labor force .....	6,817	6,928	6,982	7,020	7,019	7,008	7,113	7,146	7,127	7,314	7,274	7,349	7,477
Percent of population .....	60.1	60.8	61.0	61.2	61.0	60.6	61.2	61.3	60.9	62.3	61.8	62.2	63.1
Employed .....	6,095	6,233	6,193	6,313	6,398	6,379	6,481	6,525	6,490	6,726	6,660	6,729	6,816
Employment-population ratio <sup>2</sup> .....	53.7	54.7	54.2	55.0	55.6	55.2	55.8	56.0	55.5	57.3	56.6	57.0	57.5
Unemployed .....	722	695	789	708	621	629	631	620	637	588	614	619	661
Unemployment rate .....	10.6	10.0	11.3	10.1	8.8	9.0	8.9	8.7	8.9	8.0	8.4	8.4	8.8

See footnotes at end of table.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
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**D-2. 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	1993		1994				1995				1996		
	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 .....	813	766	858	830	847	865	852	899	940	952	905	940	923
Percent of population .....	37.1	34.8	39.1	37.7	38.1	38.8	37.9	39.5	41.1	40.8	39.1	40.2	38.7
Employed .....	528	472	559	530	555	558	553	578	581	631	603	653	602
Employment-population ratio <sup>2</sup> .....	24.1	21.4	25.5	24.1	25.0	25.1	24.6	25.4	25.4	27.1	26.1	27.9	25.2
Unemployed .....	286	294	299	300	292	306	299	321	360	321	302	287	321
Unemployment rate .....	35.1	38.4	34.8	36.2	34.5	35.4	35.1	35.7	38.2	33.8	33.4	30.5	34.8
Men .....	36.7	40.8	40.0	39.3	37.0	34.5	36.1	37.2	39.5	36.0	36.1	32.1	39.6
Women .....	33.4	36.0	29.6	32.7	31.7	36.5	34.1	34.3	37.0	31.6	30.8	29.0	29.7
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> .....	17,604	17,751	17,895	18,042	18,193	18,338	18,413	18,555	18,702	18,845	18,977	19,132	19,292
Civilian labor force .....	11,592	11,795	11,846	11,934	11,949	12,151	12,122	12,200	12,342	12,392	12,631	12,534	12,780
Percent of population .....	65.9	66.4	66.2	66.1	65.7	66.3	65.8	65.8	66.0	65.8	66.6	65.5	66.2
Employed .....	10,412	10,515	10,631	10,708	10,751	11,043	10,980	11,073	11,206	11,238	11,411	11,377	11,672
Employment-population ratio <sup>2</sup> .....	59.1	59.2	59.4	59.3	59.1	60.2	59.6	59.7	59.9	59.6	60.1	59.5	60.5
Unemployed .....	1,180	1,280	1,215	1,226	1,198	1,108	1,142	1,127	1,136	1,153	1,219	1,157	1,108
Unemployment rate .....	10.2	10.9	10.3	10.3	10.0	9.1	9.4	9.2	9.2	9.3	9.7	9.2	8.7

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

<sup>2</sup> 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  
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**D-3. Employed and unemployed full- and part-time workers by sex and age, seasonally adjusted**

(Numbers in thousands)

Full- and part-time status, sex, and age	1993		1994				1995				1996		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>EMPLOYED</b>													
Full-time workers .....	99,328	99,952	98,321	99,426	100,277	101,009	101,346	101,477	101,682	102,215	102,389	103,142	103,909
Men, 16 years and over .....	58,288	58,538	57,992	58,618	59,046	59,684	59,953	59,886	59,912	59,999	60,060	60,654	60,997
Men, 20 years and over .....	57,154	57,407	56,917	57,500	57,873	58,539	58,743	58,648	58,656	58,795	58,859	59,404	59,764
Women, 16 years and over .....	41,020	41,397	40,382	40,822	41,236	41,302	41,367	41,610	41,823	42,163	42,281	42,519	42,925
Women, 20 years and over .....	40,229	40,609	39,577	40,048	40,522	40,559	40,611	40,790	41,009	41,347	41,490	41,700	42,115
Both sexes, 16 to 19 years .....	1,945	1,936	1,826	1,877	1,882	1,912	1,992	2,039	2,017	2,073	2,040	2,038	2,031
Part-time workers .....	21,343	21,282	23,564	23,149	23,026	23,444	23,443	23,177	23,232	23,042	23,176	23,174	23,226
Men, 16 years and over .....	7,261	7,206	7,853	7,528	7,482	7,611	7,544	7,467	7,456	7,300	7,540	7,492	7,446
Men, 20 years and over .....	5,392	5,366	5,771	5,519	5,490	5,558	5,482	5,360	5,372	5,292	5,465	5,313	5,398
Women, 16 years and over .....	14,064	14,066	15,721	15,636	15,535	15,824	15,899	15,731	15,791	15,705	15,642	15,697	15,793
Women, 20 years and over .....	11,984	11,977	13,549	13,365	13,260	13,546	13,535	13,415	13,464	13,402	13,340	13,379	13,367
Both sexes, 16 to 19 years .....	3,967	3,939	4,244	4,265	4,275	4,340	4,426	4,402	4,396	4,348	4,371	4,482	4,461
<b>UNEMPLOYED</b>													
Looking for full-time work .....	7,216	6,999	7,047	6,565	6,365	5,978	5,808	5,952	5,955	5,920	5,994	5,828	5,600
Men, 16 years and over .....	4,315	4,129	4,067	3,741	3,673	3,481	3,242	3,400	3,427	3,417	3,349	3,308	3,189
Men, 20 years and over .....	3,989	3,773	3,660	3,346	3,271	3,074	2,950	3,020	3,004	2,979	3,036	2,959	2,794
Women, 16 years and over .....	2,895	2,857	2,991	2,817	2,721	2,541	2,476	2,552	2,550	2,561	2,584	2,519	2,436
Women, 20 years and over .....	2,633	2,613	2,737	2,536	2,461	2,280	2,233	2,292	2,268	2,262	2,293	2,267	2,192
Both sexes, 16 to 19 years .....	594	613	650	683	633	623	624	640	683	679	665	602	614
Looking for part-time work .....	1,593	1,620	1,564	1,481	1,474	1,421	1,495	1,512	1,517	1,453	1,496	1,424	1,447
Men, 16 years and over .....	665	657	671	621	617	582	593	616	601	628	648	622	603
Men, 20 years and over .....	269	266	302	250	273	252	258	259	243	243	276	259	247
Women, 16 years and over .....	926	983	879	865	848	851	892	901	914	840	833	805	834
Women, 20 years and over .....	601	639	552	557	535	531	559	564	582	510	529	498	542
Both sexes, 16 to 19 years .....	723	715	710	674	666	638	677	689	692	700	690	667	657
<b>UNEMPLOYMENT RATES<sup>1</sup></b>													
Full-time workers .....	6.8	6.5	6.7	6.2	6.0	5.6	5.4	5.5	5.5	5.5	5.5	5.3	5.1
Men, 16 years and over .....	6.9	6.6	6.6	6.0	5.9	5.5	5.1	5.4	5.4	5.4	5.3	5.2	5.0
Men, 20 years and over .....	6.5	6.2	6.0	5.5	5.3	5.0	4.8	4.9	4.9	4.8	4.9	4.7	4.5
Women, 16 years and over .....	6.6	6.5	6.9	6.5	6.2	5.8	5.6	5.8	5.7	5.7	5.8	5.6	5.4
Women, 20 years and over .....	6.1	6.0	6.5	6.0	5.7	5.3	5.2	5.3	5.2	5.2	5.2	5.2	4.9
Both sexes, 16 to 19 years .....	23.4	24.0	26.3	26.7	25.2	24.6	23.9	23.9	25.3	24.7	24.6	22.8	23.2
Part-time workers .....	6.9	7.1	6.2	6.0	6.0	5.7	6.0	6.1	6.1	5.9	6.1	5.8	5.9
Men, 16 years and over .....	8.4	8.4	7.9	7.6	7.6	7.1	7.3	7.6	7.5	7.9	7.9	7.7	7.5
Men, 20 years and over .....	4.8	4.7	5.0	4.3	4.7	4.3	4.5	4.6	4.3	4.4	4.8	4.6	4.4
Women, 16 years and over .....	6.2	6.5	5.3	5.2	5.2	5.1	5.3	5.4	5.5	5.1	5.1	4.9	5.0
Women, 20 years and over .....	4.8	5.1	3.9	4.0	3.9	3.8	4.0	4.0	4.1	3.7	3.8	3.6	3.9
Both sexes, 16 to 19 years .....	15.4	15.4	14.3	13.7	13.5	12.8	13.3	13.5	13.6	13.9	13.6	13.0	12.8

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

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-4. Employed persons by marital status, occupation, class of worker, and part-time status, seasonally adjusted**

(In thousands)

Category	1993		1994				1995				1996		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>MARITAL STATUS</b>													
Total .....	120,626	121,152	122,006	122,638	123,250	124,366	124,886	124,712	124,909	125,096	125,680	126,389	127,102
Married men, spouse present .....	40,899	40,942	41,355	41,326	41,440	41,567	41,965	41,972	42,121	42,140	42,229	42,353	42,455
Married women, spouse present .....	30,471	30,809	31,452	31,340	31,624	31,760	31,902	32,040	32,174	32,137	32,077	32,282	32,737
Women who maintain families .....	6,899	6,811	7,070	7,049	7,018	7,105	7,108	7,164	7,162	7,222	7,329	7,354	7,321
<b>OCCUPATION</b>													
Managerial and professional specialty .....	32,325	32,628	33,190	33,853	33,934	34,401	34,791	35,152	35,588	35,733	35,899	36,356	36,541
Technical, sales, and administrative support .....	37,194	37,131	37,219	36,997	37,342	37,616	37,428	37,441	37,569	37,209	37,389	37,667	37,818
Service occupations .....	16,848	17,041	16,950	16,947	16,881	16,917	16,946	16,930	16,892	16,968	16,732	17,155	17,449
Precision production, craft, and repair .....	13,646	13,571	13,507	13,392	13,467	13,601	13,713	13,545	13,444	13,416	13,673	13,536	13,619
Operators, fabricators, and laborers .....	17,284	17,400	17,540	17,858	18,027	18,099	18,161	18,043	17,905	18,170	18,154	18,181	18,171
Farming, forestry, and fishing .....	3,391	3,373	3,559	3,572	3,653	3,740	3,779	3,613	3,583	3,627	3,709	3,525	3,557
<b>CLASS OF WORKER</b>													
Agriculture:													
Wage and salary workers .....	1,678	1,746	1,666	1,697	1,709	1,787	1,899	1,819	1,784	1,770	1,926	1,929	1,833
Self-employed workers .....	1,314	1,276	1,615	1,639	1,647	1,680	1,660	1,597	1,546	1,526	1,550	1,466	1,563
Unpaid family workers .....	99	95	55	43	53	51	39	54	45	43	41	44	71
Nonagricultural industries:													
Wage and salary workers .....	108,340	108,818	109,381	110,112	110,734	111,787	112,232	112,356	112,484	112,706	113,064	113,896	114,612
Private industries .....	89,763	90,170	91,143	91,820	92,435	93,425	93,784	93,905	94,181	94,449	94,962	95,605	96,390
Private households .....	1,169	1,162	961	992	928	989	1,013	936	933	976	902	858	984
Other industries .....	88,594	89,008	90,182	90,828	91,507	92,436	92,771	92,969	93,248	93,473	94,060	94,747	95,406
Government .....	18,578	18,647	18,238	18,292	18,299	18,362	18,448	18,451	18,302	18,256	18,103	18,292	18,222
Self-employed workers .....	8,984	8,998	9,087	9,042	8,989	8,901	8,918	8,840	8,966	8,881	8,986	9,011	8,879
Unpaid family workers .....	227	222	134	139	132	125	114	116	108	104	101	120	126
<b>PERSONS AT WORK PART TIME<sup>1</sup></b>													
All industries:													
Part time for economic reasons .....	6,652	6,306	4,884	4,788	4,373	4,454	4,521	4,466	4,470	4,438	4,357	4,368	4,343
Slack work or business conditions .....	3,223	3,163	2,474	2,452	2,405	2,398	2,415	2,428	2,522	2,528	2,444	2,377	2,497
Could only find part-time work .....	3,106	2,918	2,083	1,968	1,686	1,770	1,785	1,712	1,676	1,638	1,575	1,620	1,574
Part time for noneconomic reasons .....	15,220	15,471	17,598	17,433	17,703	17,793	17,850	17,849	17,901	17,512	17,536	17,773	17,918
Nonagricultural industries:													
Part time for economic reasons .....	6,407	6,073	4,614	4,590	4,189	4,255	4,283	4,249	4,301	4,288	4,113	4,167	4,164
Slack work or business conditions .....	3,044	3,001	2,340	2,352	2,284	2,266	2,276	2,289	2,400	2,428	2,294	2,261	2,375
Could only find part-time work .....	3,040	2,828	2,010	1,926	1,653	1,725	1,734	1,670	1,647	1,605	1,547	1,580	1,551
Part time for noneconomic reasons .....	14,789	15,041	16,976	16,862	17,038	17,122	17,184	17,186	17,268	16,903	16,890	17,218	17,269

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

persons who usually work full time but worked only 1 to 34 hours during the reference week for reasons such as holidays, illness, and bad weather.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-5. Employed persons by age and sex, seasonally adjusted**

(In thousands)

Age and sex	1993		1994				1995				1996		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over .....	120,626	121,152	122,006	122,638	123,250	124,366	124,886	124,712	124,909	125,096	125,680	126,389	127,102
16 to 24 years .....	18,745	18,655	18,773	18,918	18,906	19,110	19,151	18,995	18,719	18,597	18,558	18,691	18,540
16 to 19 years .....	5,895	5,876	6,099	6,154	6,143	6,275	6,411	6,437	6,414	6,411	6,399	6,516	6,484
16 to 17 years .....	2,262	2,281	2,413	2,479	2,531	2,613	2,566	2,604	2,565	2,558	2,577	2,658	2,637
18 to 19 years .....	3,620	3,602	3,677	3,677	3,609	3,656	3,830	3,847	3,862	3,853	3,801	3,865	3,841
20 to 24 years .....	12,850	12,779	12,674	12,764	12,763	12,834	12,740	12,559	12,305	12,186	12,160	12,175	12,056
25 years and over .....	101,867	102,516	103,241	103,699	104,338	105,274	105,730	105,712	106,191	106,511	107,060	107,702	108,611
25 to 54 years .....	87,494	88,083	88,434	88,833	89,461	90,210	90,637	90,744	91,052	91,310	91,729	92,377	93,082
55 years and over .....	14,372	14,428	14,813	14,865	14,886	15,063	15,064	14,980	15,136	15,213	15,298	15,349	15,481
Men, 16 years and over .....	65,553	65,688	65,881	66,185	66,493	67,251	67,583	67,380	67,306	67,252	67,707	68,165	68,387
16 to 24 years .....	9,834	9,778	9,802	9,887	9,937	10,102	10,108	10,062	9,896	9,768	9,755	9,811	9,658
16 to 19 years .....	3,030	2,986	3,114	3,127	3,161	3,239	3,279	3,318	3,294	3,276	3,285	3,387	3,268
16 to 17 years .....	1,171	1,172	1,222	1,258	1,300	1,368	1,308	1,341	1,317	1,297	1,299	1,341	1,280
18 to 19 years .....	1,845	1,823	1,893	1,864	1,856	1,868	1,962	1,984	1,982	1,984	1,976	2,051	1,976
20 to 24 years .....	6,804	6,791	6,688	6,760	6,776	6,863	6,829	6,744	6,602	6,492	6,470	6,424	6,390
25 years and over .....	55,713	55,925	56,090	56,272	56,558	57,161	57,483	57,293	57,417	57,493	57,929	58,324	58,760
25 to 54 years .....	47,630	47,902	47,938	48,142	48,285	48,809	49,089	49,015	49,036	49,030	49,390	49,702	50,056
55 years and over .....	8,063	8,028	8,146	8,152	8,252	8,361	8,375	8,303	8,357	8,472	8,521	8,667	8,669
Women, 16 years and over .....	55,073	55,464	56,126	56,453	56,757	57,115	57,303	57,332	57,603	57,844	57,973	58,224	58,715
16 to 24 years .....	8,911	8,877	8,971	9,031	8,970	9,008	9,043	8,933	8,823	8,829	8,803	8,880	8,882
16 to 19 years .....	2,865	2,889	2,985	3,027	2,982	3,037	3,132	3,119	3,120	3,135	3,114	3,129	3,216
16 to 17 years .....	1,091	1,109	1,191	1,221	1,231	1,245	1,258	1,263	1,248	1,261	1,278	1,317	1,357
18 to 19 years .....	1,775	1,779	1,784	1,813	1,754	1,788	1,868	1,863	1,880	1,869	1,825	1,814	1,864
20 to 24 years .....	6,046	5,968	5,986	6,004	5,988	5,971	5,911	5,815	5,703	5,694	5,690	5,751	5,666
25 years and over .....	46,154	46,591	47,151	47,426	47,780	48,113	48,247	48,419	48,775	49,019	49,132	49,378	49,851
25 to 54 years .....	39,864	40,182	40,496	40,691	41,175	41,401	41,548	41,729	42,016	42,279	42,339	42,674	43,026
55 years and over .....	6,309	6,400	6,667	6,714	6,634	6,702	6,688	6,677	6,779	6,741	6,778	6,682	6,812

**D-6. Unemployed persons by age and sex, seasonally adjusted**

(In thousands)

Age and sex	1993		1994				1995				1996		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over .....	8,802	8,590	8,633	8,056	7,840	7,357	7,327	7,471	7,471	7,336	7,512	7,258	7,033
16 to 24 years .....	2,771	2,738	2,854	2,755	2,637	2,514	2,529	2,558	2,667	2,602	2,675	2,526	2,443
16 to 19 years .....	1,321	1,323	1,357	1,363	1,302	1,257	1,297	1,333	1,379	1,374	1,352	1,273	1,270
16 to 17 years .....	557	599	631	667	621	583	638	650	663	659	642	626	601
18 to 19 years .....	747	726	730	703	667	678	664	687	706	721	712	647	671
20 to 24 years .....	1,450	1,415	1,497	1,393	1,334	1,257	1,231	1,224	1,288	1,228	1,324	1,253	1,173
25 years and over .....	6,033	5,892	5,747	5,300	5,204	4,881	4,772	4,905	4,804	4,768	4,818	4,724	4,589
25 to 54 years .....	5,359	5,240	5,072	4,650	4,569	4,296	4,216	4,302	4,204	4,210	4,252	4,157	4,049
55 years and over .....	655	657	697	637	621	593	567	589	582	570	578	553	543
Men, 16 years and over .....	5,008	4,751	4,754	4,360	4,278	3,985	3,946	4,017	4,006	3,958	4,082	3,934	3,763
16 to 24 years .....	1,597	1,531	1,602	1,538	1,482	1,392	1,372	1,397	1,455	1,443	1,473	1,427	1,345
16 to 19 years .....	752	741	774	760	735	691	715	731	762	767	749	711	729
16 to 17 years .....	318	328	356	374	334	308	344	352	359	357	362	347	352
18 to 19 years .....	421	410	418	398	391	382	373	387	397	409	390	369	378
20 to 24 years .....	845	790	828	779	747	701	658	666	693	676	723	716	616
25 years and over .....	3,416	3,250	3,118	2,828	2,797	2,623	2,544	2,622	2,551	2,542	2,584	2,509	2,413
25 to 54 years .....	2,984	2,842	2,744	2,460	2,423	2,270	2,235	2,276	2,212	2,228	2,289	2,211	2,110
55 years and over .....	416	399	400	365	362	344	325	344	325	307	310	295	308
Women, 16 years and over .....	3,795	3,839	3,879	3,696	3,562	3,371	3,381	3,454	3,465	3,379	3,431	3,324	3,270
16 to 24 years .....	1,174	1,207	1,253	1,217	1,154	1,122	1,156	1,161	1,212	1,159	1,203	1,099	1,098
16 to 19 years .....	569	582	583	603	567	566	583	602	617	607	602	562	541
16 to 17 years .....	239	270	275	293	287	276	294	299	304	301	281	279	248
18 to 19 years .....	326	316	312	306	276	296	292	300	309	312	322	278	293
20 to 24 years .....	605	625	670	614	587	555	574	559	595	552	600	537	557
25 years and over .....	2,617	2,642	2,629	2,472	2,407	2,258	2,228	2,283	2,253	2,226	2,233	2,214	2,176
25 to 54 years .....	2,375	2,398	2,329	2,190	2,145	2,026	1,981	2,026	1,992	1,982	1,963	1,946	1,938
55 years and over .....	240	258	297	272	259	249	242	245	257	263	268	258	235

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
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**D-7. Unemployment rates by age and sex, seasonally adjusted**

Age and sex	1993		1994				1995				1996		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over .....	6.8	6.6	6.6	6.2	6.0	5.6	5.5	5.7	5.6	5.5	5.6	5.4	5.2
16 to 24 years .....	12.9	12.8	13.2	12.7	12.2	11.6	11.7	11.9	12.5	12.3	12.6	11.9	11.6
16 to 19 years .....	18.3	18.4	18.2	18.1	17.5	16.7	16.8	17.2	17.7	17.6	17.4	16.3	16.4
16 to 17 years .....	19.8	20.8	20.7	21.2	19.7	18.3	19.9	20.0	20.5	20.5	20.0	19.1	18.6
18 to 19 years .....	17.1	16.8	16.6	16.1	15.6	15.6	14.8	15.1	15.5	15.8	15.8	14.3	14.9
20 to 24 years .....	10.1	10.0	10.6	9.8	9.5	8.9	8.8	8.9	9.5	9.2	9.8	9.3	8.9
25 years and over .....	5.6	5.4	5.3	4.9	4.8	4.4	4.3	4.4	4.3	4.3	4.3	4.2	4.1
25 to 54 years .....	5.8	5.6	5.4	5.0	4.9	4.5	4.4	4.5	4.4	4.4	4.4	4.3	4.2
55 years and over .....	4.4	4.4	4.5	4.1	4.0	3.8	3.6	3.8	3.7	3.6	3.6	3.5	3.4
Men, 16 years and over .....	7.1	6.7	6.7	6.2	6.0	5.6	5.5	5.6	5.6	5.6	5.7	5.5	5.2
16 to 24 years .....	14.0	13.5	14.0	13.5	13.0	12.1	12.0	12.2	12.8	12.9	13.1	12.7	12.2
16 to 19 years .....	19.9	19.9	19.9	19.5	18.9	17.6	17.9	18.1	18.8	19.0	18.6	17.4	18.2
16 to 17 years .....	21.4	21.9	22.6	22.9	20.4	18.4	20.8	20.8	21.4	21.6	21.8	20.6	21.6
18 to 19 years .....	18.6	18.4	18.1	17.6	17.4	17.0	16.0	16.3	16.7	17.1	16.5	15.2	16.1
20 to 24 years .....	11.1	10.4	11.0	10.3	9.9	9.3	8.8	9.0	9.5	9.4	10.1	10.0	8.8
25 years and over .....	5.8	5.5	5.3	4.8	4.7	4.4	4.2	4.4	4.3	4.2	4.3	4.1	3.9
25 to 54 years .....	5.9	5.6	5.4	4.9	4.8	4.4	4.4	4.4	4.3	4.3	4.4	4.3	4.0
55 years and over .....	4.9	4.7	4.7	4.3	4.2	4.0	3.7	4.0	3.7	3.5	3.5	3.3	3.4
Women, 16 years and over .....	6.4	6.5	6.5	6.1	5.9	5.6	5.6	5.7	5.7	5.5	5.6	5.4	5.3
16 to 24 years .....	11.6	12.0	12.3	11.9	11.4	11.1	11.3	11.5	12.1	11.6	12.0	11.0	11.0
16 to 19 years .....	16.6	16.8	16.3	16.6	16.0	15.7	15.7	16.2	16.5	16.2	16.2	15.2	14.4
16 to 17 years .....	18.0	19.6	18.8	19.4	18.9	18.1	18.9	19.1	19.6	19.3	18.0	17.5	15.5
18 to 19 years .....	15.5	15.1	14.9	14.4	13.6	14.2	13.5	13.9	14.1	14.3	15.0	13.3	13.6
20 to 24 years .....	9.1	9.4	10.1	9.3	8.9	8.5	8.8	8.8	9.4	8.8	9.5	8.5	8.9
25 years and over .....	5.4	5.4	5.3	5.0	4.8	4.5	4.4	4.5	4.4	4.3	4.3	4.3	4.2
25 to 54 years .....	5.6	5.6	5.4	5.1	5.0	4.7	4.6	4.6	4.5	4.5	4.4	4.4	4.3
55 years and over .....	3.7	3.9	4.3	3.9	3.8	3.6	3.5	3.5	3.6	3.8	3.8	3.7	3.3

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-8. Unemployment rates by occupation, industry, and selected demographic characteristics, seasonally adjusted**

Category	1993		1994				1995				1996		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>CHARACTERISTIC</b>													
Total .....	6.8	6.6	6.6	6.2	6.0	5.6	5.5	5.7	5.6	5.5	5.6	5.4	5.2
Men, 20 years and over .....	6.4	6.0	6.0	5.4	5.3	4.9	4.8	4.9	4.8	4.7	4.9	4.7	4.5
Women, 20 years and over .....	5.8	5.8	5.8	5.5	5.3	4.9	4.9	5.0	5.0	4.8	4.9	4.8	4.7
Both sexes, 16 to 19 years .....	18.3	18.4	18.2	18.1	17.5	16.7	16.8	17.2	17.7	17.6	17.4	16.3	16.4
White .....	6.0	5.9	5.7	5.4	5.2	4.9	4.8	4.9	4.9	4.9	4.9	4.7	4.5
Black and other .....	11.3	11.0	11.4	10.6	10.2	9.9	9.4	9.5	10.0	9.3	9.5	9.2	9.2
Black .....	12.5	12.1	12.9	11.6	10.8	10.6	10.2	10.4	10.9	9.9	10.7	10.3	10.5
Hispanic origin .....	10.2	10.9	10.3	10.3	10.0	9.1	9.4	9.2	9.2	9.3	9.7	9.2	8.7
Married men, spouse present .....	4.4	4.2	4.2	3.7	3.4	3.3	3.2	3.3	3.4	3.2	3.1	3.0	3.0
Married women, spouse present .....	4.6	4.6	4.4	4.1	4.0	3.8	3.8	4.0	4.0	3.8	3.8	3.7	3.3
Women who maintain families .....	9.4	9.6	9.5	8.9	8.5	8.7	8.4	8.4	7.8	7.5	7.8	7.7	8.7
<b>OCCUPATION</b>													
Managerial and professional specialty .....	2.8	2.9	2.8	2.7	2.6	2.4	2.4	2.4	2.5	2.5	2.4	2.4	2.3
Technical, sales, and administrative support .....	5.4	5.3	5.5	5.1	4.8	4.5	4.5	4.6	4.4	4.4	4.5	4.4	4.5
Precision production, craft, and repair .....	7.7	7.4	7.1	6.4	5.8	5.7	5.6	6.0	6.3	6.1	5.7	5.3	5.4
Operators, fabricators, and laborers .....	10.1	9.4	9.6	9.1	8.8	8.3	7.9	8.3	8.3	8.2	8.4	8.1	7.6
Farming, forestry, and fishing .....	8.0	8.5	9.3	7.4	8.7	8.0	7.8	8.4	7.3	7.9	8.0	8.3	6.4
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers .....	7.0	6.8	6.9	6.4	6.1	5.8	5.6	5.8	5.9	5.8	5.8	5.6	5.4
Goods-producing industries .....	9.0	8.2	7.7	7.0	6.6	6.3	6.1	6.6	6.5	6.6	6.4	6.1	5.6
Mining .....	6.8	7.2	5.3	6.1	5.6	4.5	5.2	4.4	3.8	7.9	6.1	3.8	4.1
Construction .....	15.1	13.3	13.2	11.8	10.8	10.9	11.0	11.6	11.9	11.7	10.6	9.9	9.3
Manufacturing .....	7.3	6.7	6.2	5.6	5.4	4.9	4.6	5.1	5.0	4.9	5.1	5.0	4.5
Durable goods .....	7.0	6.5	5.7	5.3	5.3	4.4	4.2	4.5	4.3	4.4	4.9	4.7	4.0
Nondurable goods .....	7.6	6.9	7.0	6.0	5.5	5.6	5.2	5.9	5.9	5.7	5.2	5.3	5.3
Service-producing industries .....	6.2	6.3	6.6	6.2	5.9	5.6	5.4	5.6	5.6	5.5	5.5	5.4	5.3
Transportation and public utilities .....	5.1	5.4	5.1	5.0	4.8	4.5	4.6	4.4	4.5	4.4	3.9	4.3	4.2
Wholesale and retail trade .....	7.5	7.7	8.0	7.4	7.2	7.0	6.5	6.5	6.7	6.4	6.7	6.5	6.2
Finance, insurance, and real estate .....	4.0	3.8	3.5	3.5	3.9	3.4	3.2	3.4	3.3	3.2	2.5	2.5	2.8
Services .....	5.9	6.0	6.4	6.0	5.7	5.3	5.3	5.5	5.5	5.5	5.6	5.5	5.3
Government workers .....	3.2	3.2	3.7	3.5	3.4	3.0	3.0	3.0	2.9	2.8	2.8	3.0	2.9
Agricultural wage and salary workers .....	11.7	11.6	13.2	9.3	11.7	10.3	10.3	11.5	10.3	12.3	10.7	10.0	9.0

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-9. Unemployed persons by reason for unemployment, seasonally adjusted**

(Numbers in thousands)

Reason	1993		1994				1995				1996		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>NUMBER OF UNEMPLOYED</b>													
Job losers and persons who completed temporary jobs .....	4,862	4,590	4,233	3,727	3,704	3,498	3,473	3,492	3,461	3,475	3,588	3,481	3,207
On temporary layoff .....	1,182	1,114	1,066	908	957	920	1,019	1,054	1,023	1,026	1,063	1,086	967
Not on temporary layoff .....	3,679	3,476	3,167	2,819	2,747	2,579	2,454	2,438	2,438	2,449	2,525	2,395	2,241
Job leavers .....	939	989	843	790	802	724	773	830	858	833	799	680	776
Reentrants .....	2,136	2,130	2,948	2,913	2,697	2,579	2,503	2,559	2,544	2,492	2,521	2,527	2,460
New entrants .....	893	872	637	589	609	586	589	564	582	582	615	537	572
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs .....	55.1	53.5	48.9	46.5	47.4	47.3	47.3	46.9	46.5	47.1	47.7	48.2	45.7
On temporary layoff .....	13.4	13.0	12.3	11.3	12.2	12.4	13.9	14.2	13.7	13.9	14.1	15.0	13.8
Not on temporary layoff .....	41.7	40.5	36.6	35.2	35.2	34.9	33.4	32.7	32.7	33.2	33.6	33.1	31.9
Job leavers .....	10.6	11.5	9.7	9.9	10.3	9.8	10.5	11.2	11.5	11.3	10.6	9.4	11.1
Reentrants .....	24.2	24.8	34.0	36.3	34.5	34.9	34.1	34.4	34.2	33.8	33.5	35.0	35.1
New entrants .....	10.1	10.2	7.4	7.3	7.8	7.9	8.0	7.6	7.8	7.9	8.2	7.4	8.2
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers and persons who completed temporary jobs .....	3.8	3.5	3.2	2.9	2.8	2.7	2.6	2.6	2.6	2.6	2.7	2.6	2.4
Job leavers .....	.7	.8	.6	.6	.6	.5	.6	.6	.6	.6	.6	.5	.6
Reentrants .....	1.7	1.6	2.3	2.2	2.1	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8
New entrants .....	.7	.7	.5	.5	.5	.4	.4	.4	.4	.4	.5	.4	.4

**D-10. Unemployed persons by duration of unemployment, seasonally adjusted**

(Numbers in thousands)

Duration	1993		1994				1995				1996		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
<b>NUMBER OF UNEMPLOYED</b>													
Less than 5 weeks .....	3,198	3,223	2,906	2,723	2,708	2,550	2,677	2,654	2,721	2,743	2,733	2,571	2,544
5 to 14 weeks .....	2,566	2,465	2,557	2,450	2,382	2,204	2,230	2,341	2,415	2,387	2,330	2,277	2,232
15 weeks and over .....	3,038	2,994	3,079	2,843	2,771	2,685	2,350	2,439	2,342	2,303	2,385	2,386	2,282
15 to 26 weeks .....	1,273	1,197	1,322	1,194	1,201	1,192	1,048	1,151	1,078	1,051	1,136	1,081	997
27 weeks and over .....	1,765	1,797	1,757	1,649	1,570	1,493	1,302	1,289	1,264	1,252	1,250	1,306	1,285
Average (mean) duration, in weeks .....	17.9	18.3	18.8	19.0	18.9	18.3	17.1	16.8	16.4	16.2	16.6	17.3	17.1
Median duration, in weeks .....	8.2	8.2	9.0	9.2	9.2	9.2	8.1	8.3	8.4	8.1	8.2	8.4	8.7
<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 .....	36.3	37.1	34.0	34.0	34.5	34.3	36.9	35.7	36.4	36.9	36.7	35.5	36.0
5 to 14 weeks .....	29.1	28.4	29.9	30.6	30.3	29.6	30.7	31.5	32.3	32.1	31.3	31.5	31.6
15 weeks and over .....	34.5	34.5	36.0	35.5	35.2	36.1	32.4	32.8	31.3	31.0	32.0	33.0	32.3
15 to 26 weeks .....	14.5	13.8	15.5	14.9	15.3	16.0	14.4	15.5	14.4	14.1	15.2	14.9	14.1
27 weeks and over .....	20.1	20.7	20.6	20.6	20.0	20.1	17.9	17.3	16.9	16.8	16.8	18.1	18.2



**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-11. 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 1995	III 1996	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996
<b>TOTAL</b>								
Civilian noninstitutional population .....	198,807	200,850	167,063	168,491	23,285	23,650	18,702	19,292
Civilian labor force .....	133,388	135,171	112,867	113,932	14,920	15,397	12,482	12,931
Percent of population .....	67.1	67.3	67.6	67.6	64.1	65.1	66.7	67.0
Employed .....	125,882	128,084	107,487	108,878	13,228	13,708	11,342	11,815
Agriculture .....	3,646	3,725	3,357	3,536	110	108	676	630
Nonagricultural industries .....	122,237	124,359	104,130	105,342	13,118	13,600	10,666	11,186
Unemployed .....	7,505	7,087	5,380	5,054	1,692	1,689	1,140	1,116
Unemployment rate .....	5.6	5.2	4.8	4.4	11.3	11.0	9.1	8.6
Not in labor force .....	65,419	65,679	54,196	54,559	8,366	8,253	6,221	6,361
<b>Men, 16 years and over</b>								
Civilian noninstitutional population .....	95,292	96,337	80,813	81,582	10,429	10,597	9,363	9,641
Civilian labor force .....	72,055	72,905	61,684	62,353	7,265	7,430	7,501	7,726
Percent of population .....	75.6	75.7	76.3	76.4	69.7	70.1	80.1	80.1
Employed .....	68,241	69,322	58,929	59,762	6,444	6,598	6,855	7,156
Agriculture .....	2,736	2,773	2,488	2,622	104	98	584	549
Nonagricultural industries .....	65,505	66,549	56,441	57,140	6,341	6,500	6,271	6,607
Unemployed .....	3,814	3,583	2,755	2,591	820	831	646	570
Unemployment rate .....	5.3	4.9	4.5	4.2	11.3	11.2	8.6	7.4
Not in labor force .....	23,237	23,432	19,128	19,228	3,164	3,168	1,862	1,914
<b>Men, 20 years and over</b>								
Civilian noninstitutional population .....	87,888	88,666	74,940	75,513	9,299	9,417	8,402	8,643
Civilian labor force .....	67,477	68,390	57,849	58,570	6,712	6,868	6,954	7,217
Percent of population .....	76.8	77.1	77.2	77.6	72.2	72.9	82.8	83.5
Employed .....	64,448	65,565	55,622	56,499	6,097	6,247	6,443	6,765
Agriculture .....	2,434	2,481	2,200	2,336	96	95	552	520
Nonagricultural industries .....	62,014	63,084	53,422	54,163	6,000	6,152	5,890	6,245
Unemployed .....	3,029	2,824	2,227	2,072	615	621	512	453
Unemployment rate .....	4.5	4.1	3.8	3.5	9.2	9.0	7.4	6.3
Not in labor force .....	20,411	20,276	17,091	16,943	2,588	2,549	1,447	1,426
<b>Women, 16 years and over</b>								
Civilian noninstitutional population .....	103,515	104,512	86,250	86,909	12,856	13,053	9,339	9,652
Civilian labor force .....	61,333	62,265	51,183	51,579	7,655	7,968	4,980	5,205
Percent of population .....	59.3	59.6	59.3	59.3	59.5	61.0	53.3	53.9
Employed .....	57,642	58,762	48,558	49,116	6,783	7,110	4,486	4,659
Agriculture .....	910	952	870	914	6	10	92	81
Nonagricultural industries .....	56,732	57,810	47,688	48,202	6,778	7,099	4,394	4,579
Unemployed .....	3,691	3,504	2,625	2,463	871	858	494	545
Unemployment rate .....	6.0	5.6	5.1	4.8	11.4	10.8	9.9	10.5
Not in labor force .....	42,182	42,247	35,067	35,331	5,201	5,085	4,359	4,447
<b>Women, 20 years and over</b>								
Civilian noninstitutional population .....	96,334	97,145	80,622	81,094	11,700	11,850	8,416	8,690
Civilian labor force .....	57,245	58,158	47,818	48,141	7,115	7,458	4,570	4,818
Percent of population .....	59.4	59.9	59.3	59.4	60.8	62.9	54.3	55.4
Employed .....	54,200	55,227	45,620	46,072	6,438	6,752	4,169	4,364
Agriculture .....	838	894	803	861	6	10	80	78
Nonagricultural industries .....	53,362	54,333	44,817	45,212	6,432	6,742	4,089	4,286
Unemployed .....	3,045	2,930	2,198	2,068	678	706	401	454
Unemployment rate .....	5.3	5.0	4.6	4.3	9.5	9.5	8.8	9.4
Not in labor force .....	39,089	38,988	32,803	32,953	4,584	4,392	3,845	3,872
<b>Both sexes, 16 to 19 years</b>								
Civilian noninstitutional population .....	14,585	15,038	11,501	11,884	2,286	2,383	1,885	1,959
Civilian labor force .....	8,666	8,624	7,199	7,221	1,092	1,071	957	896
Percent of population .....	59.4	57.3	62.6	60.8	47.8	44.9	50.8	45.7
Employed .....	7,235	7,291	6,245	6,307	694	708	729	687
Agriculture .....	374	349	354	339	8	3	44	32
Nonagricultural industries .....	6,861	6,942	5,891	5,968	686	706	686	655
Unemployed .....	1,431	1,333	954	914	399	362	228	209
Unemployment rate .....	16.5	15.5	13.3	12.7	36.5	33.8	23.8	23.3
Not in labor force .....	5,919	6,415	4,302	4,663	1,194	1,313	928	1,064

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**

**D-12. Employment status of the Mexican, Puerto Rican, and Cuban origin population by sex and age**

(Numbers in thousands)

Employment status, sex, and age	Total Hispanic origin <sup>1</sup>		Mexican origin		Puerto Rican origin		Cuban origin	
	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996
<b>TOTAL</b>								
Civilian noninstitutional population .....	18,702	19,292	11,800	11,948	1,849	1,930	1,051	994
Civilian labor force .....	12,482	12,931	7,991	8,147	1,097	1,107	656	663
Percent of population .....	66.7	67.0	67.7	68.2	59.3	57.4	62.4	66.7
Employed .....	11,342	11,815	7,278	7,420	963	1,005	599	610
Agriculture .....	676	630	610	557	9	4	6	3
Nonagricultural industries .....	10,666	11,186	6,668	6,863	954	1,001	593	607
Unemployed .....	1,140	1,116	713	727	134	102	57	53
Unemployment rate .....	9.1	8.6	8.9	8.9	12.2	9.2	8.7	8.0
Not in labor force .....	6,221	6,361	3,809	3,801	752	822	395	331
<b>Men, 16 years and over</b>								
Civilian noninstitutional population .....	9,363	9,641	6,068	6,145	853	873	536	508
Civilian labor force .....	7,501	7,726	4,993	5,041	624	603	374	387
Percent of population .....	80.1	80.1	82.3	82.0	73.1	69.2	69.9	76.1
Employed .....	6,855	7,156	4,590	4,662	549	558	337	361
Agriculture .....	584	549	525	484	8	4	5	3
Nonagricultural industries .....	6,271	6,607	4,064	4,178	542	553	332	358
Unemployed .....	646	570	403	379	75	46	37	26
Unemployment rate .....	8.6	7.4	8.1	7.5	12.0	7.6	9.9	6.7
Not in labor force .....	1,862	1,914	1,076	1,104	229	269	161	121
<b>Men, 20 years and over</b>								
Civilian noninstitutional population .....	8,402	8,643	5,430	5,505	761	760	511	490
Civilian labor force .....	6,954	7,217	4,617	4,686	570	561	363	376
Percent of population .....	82.8	83.5	85.0	85.1	74.9	73.8	70.9	76.7
Employed .....	6,443	6,765	4,292	4,398	520	525	332	350
Agriculture .....	552	520	496	461	8	4	5	2
Nonagricultural industries .....	5,890	6,245	3,796	3,937	512	521	327	349
Unemployed .....	512	453	325	289	50	36	30	25
Unemployment rate .....	7.4	6.3	7.0	6.2	8.8	6.4	8.4	6.8
Not in labor force .....	1,447	1,426	813	819	191	199	149	114
<b>Women, 16 years and over</b>								
Civilian noninstitutional population .....	9,339	9,652	5,731	5,803	996	1,057	516	486
Civilian labor force .....	4,980	5,205	2,998	3,107	473	504	282	277
Percent of population .....	53.3	53.9	52.3	53.5	47.5	47.7	54.7	56.9
Employed .....	4,486	4,659	2,688	2,759	414	447	262	249
Agriculture .....	92	81	85	74	1	-	1	-
Nonagricultural industries .....	4,394	4,579	2,604	2,685	412	448	261	249
Unemployed .....	494	545	310	348	59	56	20	27
Unemployment rate .....	9.9	10.5	10.3	11.2	12.6	11.2	7.1	9.8
Not in labor force .....	4,359	4,447	2,733	2,696	523	553	234	210
<b>Women, 20 years and over</b>								
Civilian noninstitutional population .....	8,416	8,690	5,111	5,160	909	949	489	459
Civilian labor force .....	4,570	4,818	2,743	2,841	422	465	264	267
Percent of population .....	54.3	55.4	53.7	55.0	46.5	49.0	54.1	58.1
Employed .....	4,169	4,364	2,492	2,557	383	418	246	243
Agriculture .....	80	78	73	71	1	-	1	-
Nonagricultural industries .....	4,089	4,286	2,419	2,486	382	418	246	244
Unemployed .....	401	454	252	283	40	47	18	23
Unemployment rate .....	8.8	9.4	9.2	10.0	9.4	10.1	6.9	8.8
Not in labor force .....	3,845	3,872	2,367	2,320	486	484	224	192
<b>Both sexes, 16 to 19 years</b>								
Civilian noninstitutional population .....	1,885	1,959	1,260	1,282	179	220	52	45
Civilian labor force .....	957	896	631	620	104	82	29	21
Percent of population .....	50.8	45.7	50.1	48.4	58.1	37.0	( <sup>2</sup> )	( <sup>2</sup> )
Employed .....	729	687	494	465	60	62	21	17
Agriculture .....	44	32	41	26	-	-	-	1
Nonagricultural industries .....	686	655	453	440	60	62	20	15
Unemployed .....	228	209	137	155	44	20	9	4
Unemployment rate .....	23.8	23.3	21.7	25.0	42.2	24.0	( <sup>2</sup> )	( <sup>2</sup> )
Not in labor force .....	928	1,064	629	662	75	139	22	25

<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**

**D-13. Employed white, black, and Hispanic-origin workers by sex, occupation, class of worker, and full- or part-time status**

(In thousands)

Category	Total		White		Black		Hispanic origin	
	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996
<b>SEX</b>								
Total (all civilian workers) .....	125,882	128,084	107,487	108,878	13,228	13,708	11,342	11,815
Men .....	68,241	69,322	58,929	59,762	6,444	6,598	6,855	7,156
Women .....	57,642	58,762	48,558	49,116	6,783	7,110	4,486	4,659
<b>OCCUPATION</b>								
Managerial and professional specialty .....	35,404	36,402	31,449	31,911	2,689	2,739	1,580	1,722
Executive, administrative, and managerial .....	17,522	18,097	15,688	16,032	1,273	1,277	844	916
Professional specialty .....	17,882	18,305	15,761	15,880	1,416	1,462	737	806
Technical, sales, and administrative support .....	37,672	37,969	32,359	32,425	3,835	3,862	2,779	2,842
Technicians and related support .....	4,003	4,018	3,469	3,425	373	370	229	258
Sales occupations .....	15,261	15,595	13,470	13,645	1,171	1,223	1,110	1,049
Administrative support, including clerical .....	18,408	18,356	15,421	15,356	2,292	2,269	1,441	1,535
Service occupations .....	16,979	17,524	13,407	13,740	2,740	2,994	2,200	2,388
Private household .....	827	863	659	699	116	137	198	224
Protective service .....	2,301	2,302	1,867	1,852	377	398	167	185
Service, except private household and protective .....	13,851	14,359	10,881	11,188	2,247	2,459	1,835	1,979
Precision production, craft, and repair .....	13,706	13,877	12,113	12,289	1,109	1,086	1,450	1,514
Mechanics and repairers .....	4,460	4,583	3,946	4,086	388	344	368	433
Construction trades .....	5,284	5,248	4,745	4,729	379	388	592	610
Other precision production, craft, and repair .....	3,961	4,046	3,423	3,474	341	353	490	472
Operators, fabricators, and laborers .....	18,125	18,361	14,530	14,817	2,680	2,858	2,594	2,637
Machine operators, assemblers, and inspectors .....	7,803	7,880	6,103	6,301	1,206	1,189	1,232	1,357
Transportation and material moving occupations .....	5,222	5,356	4,290	4,440	759	797	533	530
Handlers, equipment cleaners, helpers, and laborers .....	5,100	5,125	4,137	4,076	715	872	829	751
Construction laborers .....	891	918	739	774	121	120	170	149
Other handlers, equipment cleaners, helpers, and laborers .....	4,210	4,207	3,398	3,303	594	751	659	602
Farming, forestry, and fishing .....	3,996	3,951	3,629	3,695	175	169	738	712
<b>CLASS OF WORKER</b>								
Agriculture:								
Wage and salary workers .....	1,961	2,000	1,730	1,879	78	75	616	547
Self-employed workers .....	1,634	1,646	1,576	1,583	31	33	56	80
Unpaid family workers .....	50	79	50	74	-	-	3	3
Nonagricultural industries:								
Wage and salary workers .....	113,079	115,271	95,785	97,155	12,641	13,139	10,089	10,631
Government .....	17,927	17,857	14,414	14,319	2,837	2,841	1,254	1,294
Private industries .....	95,153	97,414	81,371	82,835	9,804	10,298	8,835	9,337
Private households .....	963	997	749	798	154	163	211	249
Other industries .....	94,190	96,417	80,623	82,037	9,650	10,135	8,624	9,087
Self-employed workers .....	9,045	8,956	8,244	8,086	473	460	561	540
Unpaid family workers .....	112	132	100	102	5	1	15	14
<b>FULL- OR PART-TIME STATUS</b>								
Full-time workers .....	103,570	105,790	87,927	89,470	11,307	11,715	9,604	10,070
Part-time workers .....	22,313	22,293	19,560	19,408	1,921	1,993	1,737	1,745

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**

**D-14. Employed Mexican, Puerto Rican, and Cuban-origin workers by sex, occupation, class of worker, and full- or part-time status**

(In thousands)

Category	Total Hispanic origin <sup>1</sup>		Mexican origin		Puerto Rican origin		Cuban origin	
	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996
<b>SEX</b>								
Total (all civilian workers) .....	11,342	11,815	7,278	7,420	963	1,005	599	610
Men .....	6,855	7,156	4,590	4,662	549	558	337	361
Women .....	4,486	4,659	2,688	2,759	414	447	262	249
<b>OCCUPATION</b>								
Managerial and professional specialty .....	1,580	1,722	814	908	200	225	128	135
Executive, administrative, and managerial .....	844	916	444	492	91	109	63	74
Professional specialty .....	737	806	369	416	108	116	65	61
Technical, sales, and administrative support .....	2,779	2,842	1,595	1,612	279	308	222	185
Technicians and related support .....	229	258	142	149	23	19	21	16
Sales occupations .....	1,110	1,049	605	565	111	119	84	72
Administrative support, including clerical .....	1,441	1,535	848	898	145	170	116	97
Service occupations .....	2,200	2,388	1,399	1,429	162	194	81	85
Private household .....	198	224	121	102	-	8	2	-
Protective service .....	167	185	99	107	30	30	8	13
Service, except private household and protective .....	1,835	1,979	1,180	1,220	131	156	71	72
Precision production, craft, and repair .....	1,450	1,514	970	1,035	106	96	68	78
Mechanics and repairers .....	368	433	226	274	38	39	21	19
Construction trades .....	592	610	394	448	37	27	19	25
Other precision production, craft, and repair .....	490	472	350	313	30	30	28	35
Operators, fabricators, and laborers .....	2,594	2,637	1,835	1,807	203	170	90	121
Machine operators, assemblers, and inspectors .....	1,232	1,357	873	937	98	92	26	61
Transportation and material moving occupations .....	533	530	351	364	43	35	37	27
Handlers, equipment cleaners, helpers, and laborers .....	829	751	611	506	62	44	26	33
Construction laborers .....	170	149	134	109	11	6	4	8
Other handlers, equipment cleaners, helpers, and laborers .....	659	602	477	396	51	38	23	25
Farming, forestry, and fishing .....	738	712	665	629	14	12	11	6
<b>CLASS OF WORKER</b>								
Agriculture:								
Wage and salary workers .....	616	547	565	489	8	4	3	2
Self-employed workers .....	56	80	41	65	1	-	3	1
Unpaid family workers .....	3	3	3	3	-	-	-	-
Nonagricultural industries:								
Wage and salary workers .....	10,089	10,631	6,318	6,523	915	961	553	571
Government .....	1,254	1,294	791	826	150	179	71	59
Private industries .....	8,835	9,337	5,527	5,697	765	782	483	512
Private households .....	211	249	131	117	2	8	2	-
Other industries .....	8,624	9,087	5,396	5,580	763	774	481	512
Self-employed workers .....	561	540	336	331	39	40	40	35
Unpaid family workers .....	15	14	14	9	-	-	-	1
<b>FULL- OR PART-TIME STATUS</b>								
Full-time workers .....	9,604	10,070	6,173	6,345	811	848	528	514
Part time workers .....	1,737	1,745	1,105	1,076	152	157	71	96

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-15. Employed persons by age, sex, race, and Hispanic origin**

(In thousands)

Age and sex	Total		White		Black		Hispanic origin	
	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996
Total, 16 years and over .....	125,882	128,084	107,487	108,878	13,228	13,708	11,342	11,815
16 to 19 years .....	7,235	7,291	6,245	6,307	694	708	729	687
16 to 17 years .....	3,011	3,087	2,649	2,679	276	289	246	221
18 to 19 years .....	4,224	4,204	3,596	3,628	417	419	484	465
20 to 24 years .....	12,629	12,350	10,596	10,369	1,393	1,412	1,668	1,606
25 years and over .....	106,019	108,442	90,646	92,202	11,141	11,588	8,945	9,523
25 to 54 years .....	90,956	93,014	77,198	78,532	9,973	10,322	8,107	8,583
55 years and over .....	15,063	15,429	13,448	13,671	1,168	1,266	837	941
Men, 16 years and over .....	68,241	69,322	58,929	59,762	6,444	6,598	6,855	7,156
16 to 19 years .....	3,793	3,757	3,307	3,264	348	351	413	391
16 to 17 years .....	1,588	1,556	1,402	1,346	146	147	138	114
18 to 19 years .....	2,205	2,201	1,904	1,917	202	204	275	278
20 to 24 years .....	6,854	6,622	5,790	5,643	684	693	1,064	1,013
25 years and over .....	57,594	58,943	49,832	50,855	5,413	5,554	5,378	5,752
25 to 54 years .....	49,275	50,292	42,322	43,127	4,851	4,938	4,885	5,191
55 years and over .....	8,319	8,651	7,511	7,729	562	616	493	561
Women, 16 years and over .....	57,642	58,762	48,558	49,116	6,783	7,110	4,486	4,659
16 to 19 years .....	3,442	3,534	2,938	3,044	346	357	317	295
16 to 17 years .....	1,423	1,531	1,246	1,333	130	142	108	108
18 to 19 years .....	2,019	2,003	1,692	1,710	215	215	208	187
20 to 24 years .....	5,775	5,728	4,807	4,725	709	718	603	593
25 years and over .....	48,424	49,499	40,813	41,347	5,729	6,034	3,566	3,771
25 to 54 years .....	41,680	42,721	34,876	35,405	5,123	5,384	3,222	3,391
55 years and over .....	6,744	6,778	5,937	5,942	606	650	344	380

**D-16. Unemployment rates by age, sex, race, and Hispanic origin**

Age and sex	Total		White		Black		Hispanic origin	
	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996
Total, 16 years and over .....	5.6	5.2	4.8	4.4	11.3	11.0	9.1	8.6
16 to 19 years .....	16.5	15.5	13.3	12.7	36.5	33.8	23.8	23.3
16 to 17 years .....	18.9	17.2	15.3	14.4	41.0	36.5	30.1	28.7
18 to 19 years .....	14.7	14.1	11.7	11.3	33.1	31.9	20.1	20.5
20 to 24 years .....	9.6	9.0	7.7	7.5	21.5	19.2	11.3	12.1
25 years and over .....	4.3	4.0	3.8	3.5	7.6	7.9	7.3	6.7
25 to 54 years .....	4.3	4.1	3.8	3.5	7.8	8.1	7.2	6.7
55 years and over .....	3.8	3.5	3.6	3.1	5.8	5.7	7.7	6.8
Men, 16 years and over .....	5.3	4.9	4.5	4.2	11.3	11.2	8.6	7.4
16 to 19 years .....	17.2	16.8	13.8	13.7	37.1	37.5	24.5	23.1
16 to 17 years .....	19.3	19.3	15.4	16.3	40.9	40.3	31.4	32.6
18 to 19 years .....	15.6	15.0	12.5	11.8	34.0	35.3	20.6	18.4
20 to 24 years .....	9.0	8.3	7.1	7.0	21.3	17.9	10.2	8.9
25 years and over .....	3.9	3.6	3.5	3.1	7.4	7.8	6.8	5.8
25 to 54 years .....	4.0	3.7	3.5	3.2	7.5	8.0	6.6	5.7
55 years and over .....	3.7	3.4	3.5	3.1	6.3	6.1	8.0	6.5
Women, 16 years and over .....	6.0	5.6	5.1	4.8	11.4	10.8	9.9	10.5
16 to 19 years .....	15.8	14.0	12.7	11.5	35.9	29.8	22.8	23.6
16 to 17 years .....	18.6	15.0	15.1	12.3	41.0	31.9	28.5	24.1
18 to 19 years .....	13.7	13.1	10.8	10.8	32.3	28.4	19.4	23.3
20 to 24 years .....	10.4	9.8	8.3	8.2	21.7	20.3	13.0	17.0
25 years and over .....	4.7	4.4	4.1	3.8	7.8	8.0	8.0	8.1
25 to 54 years .....	4.8	4.6	4.2	3.9	8.0	8.3	8.1	8.2
55 years and over .....	3.9	3.6	3.8	3.2	5.4	5.4	7.2	7.3

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-17. Unemployed persons by reason for unemployment, race, and Hispanic origin**

(Numbers in thousands)

Reasons	Total		White		Black		Hispanic origin	
	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996
<b>NUMBER OF UNEMPLOYED</b>								
Total unemployed .....	7,505	7,087	5,380	5,054	1,692	1,689	1,140	1,116
Job losers and persons who completed temporary jobs ...	3,272	3,022	2,525	2,239	574	648	516	483
On temporary layoff .....	880	809	723	649	109	120	147	113
Not on temporary layoff .....	2,393	2,214	1,802	1,590	465	528	369	370
Permanent job losers .....	1,681	1,532	1,309	1,135	284	331	265	250
Persons who completed temporary jobs .....	712	682	493	455	181	196	104	120
Job leavers .....	906	824	718	645	142	147	98	110
Reentrants .....	2,659	2,589	1,735	1,779	761	682	381	391
New entrants .....	668	652	401	390	215	212	145	131
<b>PERCENT DISTRIBUTION</b>								
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs ...	43.6	42.6	46.9	44.3	34.0	38.4	45.3	43.3
On temporary layoff .....	11.7	11.4	13.4	12.8	6.5	7.1	12.9	10.2
Not on temporary layoff .....	31.9	31.2	33.5	31.5	27.5	31.2	32.4	33.1
Job leavers .....	12.1	11.6	13.3	12.8	8.4	8.7	8.6	9.9
Reentrants .....	35.4	36.5	32.3	35.2	45.0	40.4	33.5	35.0
New entrants .....	8.9	9.2	7.5	7.7	12.7	12.5	12.7	11.7
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>								
Job losers and persons who completed temporary jobs ...	2.5	2.2	2.2	2.0	3.9	4.2	4.1	3.7
Job leavers .....	.7	.6	.6	.6	.9	1.0	.8	.9
Reentrants .....	2.0	1.9	1.5	1.6	5.1	4.4	3.1	3.0
New entrants .....	.5	.5	.4	.3	1.4	1.4	1.2	1.0

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.

**D-18. Unemployed persons by duration of unemployment, race, and Hispanic origin**

(Numbers in thousands)

Duration	Total		White		Black		Hispanic origin	
	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996
<b>NUMBER OF UNEMPLOYED</b>								
Total, 16 years and over .....	7,505	7,087	5,380	5,054	1,692	1,689	1,140	1,116
Less than 5 weeks .....	2,798	2,629	2,167	1,989	478	515	416	430
5 to 14 weeks .....	2,507	2,313	1,770	1,634	609	569	390	313
15 weeks and over .....	2,200	2,145	1,443	1,431	605	606	334	372
15 to 26 weeks .....	948	864	638	594	255	229	132	125
27 weeks and over .....	1,252	1,282	805	837	351	376	202	248
Average (mean) duration, in weeks .....	16.0	16.7	14.7	15.8	19.3	19.1	16.4	18.2
Median duration, in weeks .....	8.0	8.2	7.2	7.7	10.1	9.8	8.0	8.3
<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 .....	37.3	37.1	40.3	39.3	28.2	30.5	36.5	38.5
5 to 14 weeks .....	33.4	32.6	32.9	32.3	36.0	33.7	34.2	28.1
15 weeks and over .....	29.3	30.3	26.8	28.3	35.8	35.9	29.3	33.4
15 to 26 weeks .....	12.6	12.2	11.9	11.8	15.0	13.6	11.6	11.2
27 weeks and over .....	16.7	18.1	15.0	16.6	20.7	22.3	17.7	22.2

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-19. Median usual weekly earnings of full-time wage and salary workers by selected characteristics**

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	III 1995	III 1996	III 1995	III 1996
<b>SEX AND AGE</b>				
Total, 16 years and over .....	90,686	92,703	\$479	\$488
Men, 16 years and over .....	52,228	53,000	536	552
16 to 24 years .....	6,782	6,694	304	305
25 years and over .....	45,446	46,305	591	600
Women, 16 years and over .....	38,458	39,703	405	415
16 to 24 years .....	4,805	4,756	269	280
25 years and over .....	33,653	34,947	432	443
<b>RACE, HISPANIC ORIGIN, AND SEX</b>				
White .....	76,146	77,704	495	502
Men .....	44,672	45,442	565	577
Women .....	31,474	32,262	415	423
Black .....	10,628	11,060	380	383
Men .....	5,309	5,402	406	405
Women .....	5,319	5,657	358	363
Hispanic origin .....	9,007	9,460	333	346
Men .....	5,790	6,127	357	364
Women .....	3,217	3,333	305	322

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. Publication of data on family relationship has been temporarily suspended due to editing and weighting problems associated with the redesigned survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-20. Median usual weekly earnings of part-time wage and salary workers by selected characteristics**

Age, race, and Hispanic origin	Number of workers (in thousands)		Median weekly earnings	
	III 1995	III 1996	III 1995	III 1996
<b>SEX AND AGE</b>				
Total, 16 years and over .....	19,787	20,045	\$145	\$150
Men, 16 years and over .....	6,026	6,264	135	141
16 to 24 years .....	3,327	3,302	116	118
25 years and over .....	2,699	2,962	169	182
Women, 16 years and over .....	13,761	13,781	149	155
16 to 24 years .....	4,149	4,279	113	116
25 years and over .....	9,612	9,502	171	182
<b>RACE, HISPANIC ORIGIN, AND SEX</b>				
White .....	17,071	17,226	145	152
Men .....	5,036	5,194	133	143
Women .....	12,035	12,032	151	157
Black .....	1,949	1,968	139	138
Men .....	697	733	136	131
Women .....	1,252	1,235	141	142
Hispanic origin .....	1,583	1,564	142	143
Men .....	601	530	150	158
Women .....	981	1,034	137	138

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. Publication of data on family relationship has been temporarily suspended due to editing and weighting problems associated with the redesigned survey.



**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-21. Median usual 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 1995	III 1996	III 1995	III 1996
<b>TOTAL</b>				
Managerial and professional specialty .....	26,443	27,291	\$704	\$710
Executive, administrative, and managerial .....	13,200	13,761	680	683
Professional specialty .....	13,243	13,530	724	731
Technical, sales, and administrative support .....	26,306	26,512	425	442
Technicians and related support .....	3,316	3,290	562	557
Sales occupations .....	9,035	9,341	438	464
Administrative support, including clerical .....	13,956	13,882	401	410
Service occupations .....	9,885	10,484	299	302
Private household .....	358	393	193	211
Protective service .....	2,048	1,947	535	577
Service, except private household and protective .....	7,479	8,145	277	282
Precision production, craft, and repair .....	11,323	11,271	524	545
Mechanics and repairers .....	3,836	3,826	552	583
Construction trades .....	3,902	3,833	508	520
Other precision production, craft, and repair .....	3,585	3,613	522	518
Operators, fabricators, and laborers .....	15,080	15,495	379	387
Machine operators, assemblers, and inspectors .....	6,990	7,172	368	371
Transportation and material moving occupations .....	4,170	4,384	472	471
Handlers, equipment cleaners, helpers, and laborers .....	3,920	3,939	318	331
Farming, forestry, and fishing .....	1,649	1,649	294	295
<b>Men</b>				
Managerial and professional specialty .....	13,800	14,060	832	837
Executive, administrative, and managerial .....	7,263	7,476	831	823
Professional specialty .....	6,536	6,585	834	853
Technical, sales, and administrative support .....	10,136	10,270	554	548
Technicians and related support .....	1,768	1,779	649	636
Sales occupations .....	5,054	5,245	570	569
Administrative support, including clerical .....	3,314	3,246	502	495
Service occupations .....	5,015	5,326	354	347
Private household .....	19	24	( <sup>1</sup> )	( <sup>1</sup> )
Protective service .....	1,757	1,678	\$566	\$592
Service, except private household and protective .....	3,239	3,623	300	300
Precision production, craft, and repair .....	10,347	10,207	544	574
Mechanics and repairers .....	3,681	3,646	555	584
Construction trades .....	3,845	3,750	510	523
Other precision production, craft, and repair .....	2,821	2,811	583	593
Operators, fabricators, and laborers .....	11,472	11,669	409	424
Machine operators, assemblers, and inspectors .....	4,362	4,369	419	429
Transportation and material moving occupations .....	3,926	4,102	477	486
Handlers, equipment cleaners, helpers, and laborers .....	3,184	3,198	322	342
Farming, forestry, and fishing .....	1,457	1,468	302	304
<b>Women</b>				
Managerial and professional specialty .....	12,644	13,231	611	614
Executive, administrative, and managerial .....	5,937	6,286	574	575
Professional specialty .....	6,707	6,945	643	653
Technical, sales, and administrative support .....	16,169	16,242	380	398
Technicians and related support .....	1,547	1,511	468	491
Sales occupations .....	3,981	4,095	319	358
Administrative support, including clerical .....	10,641	10,636	382	395
Service occupations .....	4,869	5,159	263	270
Private household .....	339	368	198	213
Protective service .....	291	269	411	420
Service, except private household and protective .....	4,240	4,521	263	270
Precision production, craft, and repair .....	976	1,065	349	362
Mechanics and repairers .....	155	180	484	562
Construction trades .....	57	83	( <sup>1</sup> )	( <sup>1</sup> )
Other precision production, craft, and repair .....	763	802	\$325	\$346
Operators, fabricators, and laborers .....	3,608	3,826	304	308
Machine operators, assemblers, and inspectors .....	2,628	2,803	303	308
Transportation and material moving occupations .....	243	282	346	324
Handlers, equipment cleaners, helpers, and laborers .....	736	741	302	304
Farming, forestry, and fishing .....	192	181	247	242

<sup>1</sup> Data not shown where base is less than 100,000.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-22. 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 1995	III 1996	Total		Employed		Unemployed			
			III 1995	III 1996	III 1995	III 1996	Number		Percent of labor force	
							III 1995	III 1996	III 1995	III 1996
<b>VIETNAM-ERA VETERANS</b>										
Total, 40 years and over .....	7,629	7,725	6,596	6,590	6,373	6,386	223	204	3.4	3.1
40 to 54 years .....	6,544	6,436	5,943	5,825	5,735	5,644	207	181	3.5	3.1
40 to 44 years .....	1,463	1,203	1,334	1,085	1,270	1,042	64	43	4.8	4.0
45 to 49 years .....	3,225	3,000	2,943	2,732	2,850	2,650	93	82	3.2	3.0
50 to 54 years .....	1,856	2,233	1,666	2,008	1,616	1,952	50	56	3.0	2.8
55 years and over .....	1,085	1,289	653	765	638	742	16	23	2.4	2.9
<b>NONVETERANS</b>										
Total, 40 to 54 years .....	17,407	18,415	15,669	16,748	15,154	16,210	515	538	3.3	3.2
40 to 44 years .....	8,127	8,588	7,485	7,966	7,232	7,701	253	265	3.4	3.3
45 to 49 years .....	5,260	5,919	4,744	5,413	4,598	5,237	146	176	3.1	3.3
50 to 54 years .....	4,019	3,907	3,439	3,370	3,323	3,273	116	97	3.4	2.9

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

**D-23. 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 1995	III 1996	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996	III 1995	III 1996
<b>Total, 40 to 54 years</b>												
Civilian noninstitutional population .....	5,824	5,711	594	585	268	260	14,675	15,566	1,841	1,940	1,761	1,759
Civilian labor force .....	5,328	5,199	504	503	239	226	13,404	14,362	1,471	1,567	1,533	1,577
Employed .....	5,161	5,049	468	476	226	214	13,005	13,967	1,393	1,452	1,443	1,497
Unemployed .....	166	150	35	27	12	12	399	395	78	115	90	80
Unemployment rate .....	3.1	2.9	7.0	5.4	5.1	5.4	3.0	2.8	5.3	7.4	5.9	5.1
<b>40 to 44 years</b>												
Civilian noninstitutional population .....	1,248	1,021	181	144	77	82	6,904	7,293	848	898	786	808
Civilian labor force .....	1,146	923	158	127	73	78	6,439	6,858	701	736	704	736
Employed .....	1,098	888	144	119	69	72	6,241	6,660	662	679	661	697
Unemployed .....	48	36	14	7	4	6	198	199	39	57	43	39
Unemployment rate .....	4.2	3.9	8.9	5.6	6.0	7.6	3.1	2.9	5.6	7.8	6.1	5.3
<b>45 to 49 years</b>												
Civilian noninstitutional population .....	2,887	2,670	291	278	127	112	4,392	4,982	551	625	604	577
Civilian labor force .....	2,655	2,449	248	237	112	89	4,014	4,614	455	517	531	528
Employed .....	2,582	2,381	230	227	108	84	3,902	4,483	432	482	497	504
Unemployed .....	72	68	17	10	3	5	112	131	23	36	34	24
Unemployment rate .....	2.7	2.8	7.0	4.1	2.9	5.4	2.8	2.8	5.1	6.9	6.4	4.6
<b>50 to 54 years</b>												
Civilian noninstitutional population .....	1,690	2,020	123	163	64	66	3,379	3,291	441	417	371	374
Civilian labor force .....	1,527	1,827	98	139	54	58	2,951	2,891	314	314	299	312
Employed .....	1,481	1,781	94	129	49	57	2,862	2,824	299	291	285	296
Unemployed .....	46	46	4	10	5	1	89	66	15	22	14	17
Unemployment rate .....	3.0	2.5	3.8	7.4	( <sup>1</sup> )	( <sup>1</sup> )	3.0	2.3	4.8	7.1	4.6	5.3

<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. 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.

# Explanatory Notes and Estimates of Error

## Introduction

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

*Data based on household interviews* are obtained from the Current Population Survey (CPS), a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, classified by such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 50,000 households (beginning with January 1996 data) located in 754 sample areas. These areas are chosen to represent all counties and independent cities in the U.S., with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

*Data based on establishment records* are compiled each month from mail questionnaires and telephone interviews by the Bureau of Labor Statistics, in cooperation with State agencies. The Current Employment Statistics (CES) survey is designed to provide industry information on nonfarm wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of about 390,000 establishments employing over 47 million nonfarm wage and salary workers. The data relate to all workers, full or part time, who receive pay during the payroll period which includes the 12th of the month.

### RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

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

Data from these two sources differ from each other because of variations in definitions and coverage, source of

information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on the levels and trends of the two data series are as follows.

### Employment

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

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

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

### Hours of work

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

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

### **Earnings**

The household survey measures the earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to average earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the various earnings series available from the household and establishment surveys, see *BLS Measures of Compensation*, BLS Bulletin 2239 (1986).

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

*Unemployment insurance data.* The unemployed total from the household survey includes all persons who did not have a job during the reference week, were currently available for a job, and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the U.S. Department of Labor, exclude, in addition to otherwise ineligible persons who do not file claims for benefits, persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self-employed and unpaid family workers).

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

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemploy-

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

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

### **COMPARABILITY OF PAYROLL EMPLOYMENT DATA WITH OTHER SERIES**

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

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

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

# Household Data

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

### COLLECTION AND COVERAGE

Statistics on the employment status of the population and related data are compiled by BLS using data from the Current Population Survey (CPS). This monthly survey of households is conducted for BLS by the Bureau of the Census through a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th day of the month. This is known as the "reference week." Actual field interviewing is conducted in the following week, referred to as the "survey week."

Each month about 50,000 occupied units are eligible for interview. Some 3,200 of these households are contacted but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey that ranges between 6 and 7 percent. In addition to the 50,000 occupied units, there are about 9,000 sample units in an average month which are visited but found to be vacant or otherwise not eligible for enumeration. Part of the sample is changed each month. The rotation plan, as will be explained later, provides for three-fourths of the sample to be common from one month to the next, and one-half to be common with the same month a year earlier.

### CONCEPTS AND DEFINITIONS

The concepts and definitions underlying labor force data have been modified, but not substantially altered, since the inception of the survey in 1940; those in use as of January 1994 are as follows:

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

**Employed persons.** All persons who, during the reference week, (a) did any work at all (at least 1 hour) as paid employees, worked in their own business, profession, or on their own farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of vacation, illness, bad weather, child-care problems, mater-

nity or paternity leave, labor-management dispute, job training, or other family or personal reasons, whether or not they were paid for the time off or were seeking other jobs.

Each employed person is counted only once, even if he or she holds more than one job. For purposes of occupation and industry classification, multiple jobholders are counted in the job at which they worked the greatest number of hours during the reference week.

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

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

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

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

workers. (For statistical presentation purposes, “job losers” and “persons who completed temporary jobs” are combined into a single category until seasonal adjustments can be developed for the separate categories.)

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

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

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

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

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

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

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

*Occupation, industry, and class of worker.* This information for the employed applies to the job held in the reference week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours. The unemployed are classified according to their last job. The occupational and industrial classification of CPS data is based on the coding systems used in the 1990 census.

The class-of-worker breakdown assigns workers to the following categories: Private and government wage and salary workers, self-employed workers, and unpaid family workers. Wage and salary workers receive wages, salary, commissions, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, trade, or farm. Only the unincorporated self-employed are included in the self-employed category in the class of worker typology. Self-employed persons who respond that their businesses are incorporated are included among wage and salary workers, because technically, they are paid employees of a corporation. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by birth or marriage.

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

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

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

*At work part time for noneconomic reasons.* This group includes those persons who usually work part time and were at work 1 to 34 hours during the reference week for a noneconomic reason. Noneconomic reasons include, for example: illness or other medical limitations, child-care problems or other family or personal obligations, school or training, retirement or Social Security limits on earnings, and being in a job where full-time work is less than 35 hours. The group also includes those who gave an economic reason for usually working 1 to 34 hours but said they do not want to work full time or were unavailable for such work.

*Usual full- or part-time status.* Data on persons "at work" exclude persons who were temporarily absent from a job and therefore classified in the zero-hours-worked category, "with a job but not at work." These are persons who were absent from their jobs for the entire week for such reasons as bad weather, vacation, illness, or involvement in a labor dispute. In order to differentiate a person's normal schedule from their activity during the reference week, persons are also classified according to their usual full- or part-time status. In this context, *full-time workers* are those who usually worked 35 hours or more (at all jobs combined). This group will include some individuals who worked less than 35 hours in the reference week for either economic or noneconomic reasons and those who are temporarily absent from work. Similarly, *part-time workers* are those who usually work less than 35 hours per week (at all jobs), regardless of the number of hours worked in the reference week. This may include some individuals who actually worked more than 34 hours in the reference week, as well as those who are temporarily absent from work. The *full-time labor force* includes all employed persons who usually work full time and unemployed persons who are either looking for full-time work or are on layoff from full-time jobs. The *part-time labor force* consists of employed persons who usually work part time and unemployed persons who are seeking or are on layoff from part-time jobs. Unemployment rates for full- and part-time workers are calculated using the concepts of the *full- and part-time labor force*.

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

*Hispanic origin.* This refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican, Cuban, Central or South American, or of other Hispanic origin or descent. Persons of Hispanic origin may be of any race; thus they are included in both the white and black population groups.

*Vietnam-era veterans.* These are persons who served in the

Armed Forces of the United States between August 5, 1964, and May 7, 1975. Published data are limited to men in the civilian noninstitutional population; i.e., veterans in institutions and women are excluded. Nonveterans are persons who never served in the Armed Forces.

*Usual weekly earnings.* Data represent earnings before taxes and other deductions, and include any overtime pay, commissions, or tips usually received (at the main job in the case of multiple jobholders.) Earnings reported on a basis other than weekly (e.g., annual, monthly, hourly) are converted to weekly. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of usual, interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months. Data refer to wage and salary workers (excluding self-employed persons who respond that their business's were incorporated) who usually work full time on their sole or primary job.

*Median earnings.* These figures indicate the value which divides the earnings distribution into two equal parts, one part having values above the median and the other having values below the median. The medians as shown in this publication are calculated by linear interpolation of the \$50 centered interval within which each median falls. Data expressed in constant dollars are deflated by the Consumer Price Index for All Urban Consumers (CPI-U).

*Single, never married; married, spouse present; and other marital status.* These are the terms used to define the marital status of individuals at the time of interview. Married, spouse present, applies to husband and wife if both were living in the same household, even though one may be temporarily absent on business, vacation, on a visit, in a hospital, etc. Other marital status applies to persons who are married, spouse absent; widowed; or divorced. Married, spouse absent relates to persons who are separated due to marital problems, as well as husbands and wives who are living apart because one or the other was employed elsewhere, on duty with the Armed Forces, or any other reasons.

*Household.* A household consists of all persons—related family members and all unrelated persons—who occupy a housing unit and have no other usual address. A house, an apartment, a group of rooms, or a single room is regarded as a housing unit when occupied or intended for occupancy as separate living quarters. A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but relates only to persons in families maintained by either men or women without a spouse.

*Family.* A family is defined as a group of two or more persons residing together who are related by birth, marriage, or adoption; all such persons are considered as members of one family. Families are classified either as married-couple fami-

lies or as families maintained by women or men without spouses. A family maintained by a woman or a man is one in which the householder is either single, widowed, divorced, or married, spouse absent. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

## HISTORICAL COMPARABILITY

### Changes in concepts and methods

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

- In 1945, the questionnaire was radically changed with the introduction of four basic employment questions. Prior to that time, the survey did not contain specific question wording, but rather relied on a complicated scheme of activity prioritization.
- In 1953, the current 4-8-4 rotation system was adopted, whereby households are interviewed for 4 consecutive months, leave the sample for 8 months, and then return to the sample for the same 4 months of the following year. Before this system was introduced, households were interviewed for 6 consecutive months and then replaced. The new system provided some year-to-year overlap in the sample, thereby improving measurement over time.
- In 1955, the survey reference week was changed to the calendar week including the 12th day of the month, for greater consistency with the reference period used for other labor-related statistics. Previously, the calendar week containing the 8th day of the month had been used as the reference week.
- In 1957, the employment definition was modified slightly as a result of a comprehensive interagency review of labor force concepts and methods. Two relatively small groups of persons classified as employed, under "with a job but not at work," were assigned to different classifications. Persons on layoff with definite instructions to return to work within 30 days of the layoff date, and persons volunteering that they were waiting to start a new wage and salary job within 30 days of interview, were, for the most part, reassigned to the unemployed classification. The only exception was the small subgroup in school during the reference week but waiting to start new jobs, which was transferred to not in the labor force.
- In 1967, more substantive changes were made as a result of the recommendations of the President's Committee to Appraise Employment and Unemployment Statistics (the

Gordon Committee). The principal improvements were as follows:

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

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

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

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

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

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

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

a) The introduction of a redesigned and automated questionnaire. The CPS questionnaire was totally redesigned in order to obtain more accurate, comprehensive, and relevant



information, and to take advantage of state-of-the-art computer interviewing techniques.

b) The addition of two, more objective, criteria to the definition of discouraged workers. Prior to 1994, to be classified as a discouraged worker, a person must have wanted a job and be reported as not currently looking because of a belief that no jobs were available or that there were none for which he or she would qualify. Beginning in 1994, persons classified as discouraged must also have looked for a job within the past year (or since their last job, if they worked during the year), and must have been available for work during the reference week (a direct question on availability was added in 1994; prior to 1994, availability had been inferred from responses to other questions). These changes were made because the NCEUS and others felt that the previous definition of discouraged workers was too subjective, relying mainly on an individual's stated desire for a job and not on prior testing of the labor market.

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

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

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

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

## Noncomparability of labor force levels

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

- Beginning in 1953, as a result of introducing data from the 1950 census into the estimating procedures, population levels were raised by about 600,000; labor force, total employment, and agricultural employment were increased by about 350,000, primarily affecting the figures for totals and men; other categories were relatively unaffected.

- Beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force. Four-fifths of this increase was in nonagricultural employment; other labor force categories were not appreciably affected.

- Beginning in 1962, the introduction of data from the 1960 census reduced the population by about 50,000 and labor force and employment by about 200,000; unemployment totals were virtually unchanged.

- Beginning in 1972, information from the 1970 census was introduced into the estimation procedures, increasing the population by about 800,000; labor force and employment totals were raised by a little more than 300,000; unemployment levels and rates were essentially unchanged.

- In March 1973, a subsequent population adjustment based on the 1970 census was introduced. This adjustment, which affected the white and black-and-other groups but had little effect on totals, resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black-and-other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black-and-other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

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

- Effective in July 1975, as a result of the large inflow of Vietnamese refugees into the United States, the total and

black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000 — (30,000 men and 46,000 women). The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, with all of the changes being confined to the “other” component of the population.

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

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

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

- Beginning in January 1982, the second-stage ratio adjustment method was changed. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in “Revisions in the Current Population Survey Beginning in January 1982” in the February 1982 issue of this publication. In addition, current population estimates used in the second-stage estimation procedure were derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in the total population and in the estimates of persons in all labor force categories. Rates for labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used also is described in the February 1982 article cited above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 (described above), and data users should consider them when comparing estimates from different periods.

- Beginning in January 1983, the first-stage ratio adjustment method was updated to incorporate data from the 1980 census. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in “Revisions in the Current Population Survey Beginning in January 1983” in the February 1983 issue of this publication. There were only slight differences between the old and new procedures in estimates of levels for the various labor force characteristics and virtually no differences in estimates of participation rates.

- Beginning in January 1985, most of the steps of the CPS estimation procedure—the noninterview adjustment, the first- and second-stage ratio adjustments, and the composite estimator—were revised. These procedures are described in the Estimating Methods section. A description of the changes and an indication of their effect on national estimates of labor force characteristics appear in “Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1985” in the February 1985 issue of this publication. Overall, the revisions had only a slight effect on most estimates. The greatest impact was on estimates of persons of Hispanic origin. Major estimates were revised back to January 1980.

- Beginning in January 1986, the population controls used in the second-stage ratio adjustment method were revised to reflect an explicit estimate of the number of undocumented immigrants (largely Hispanic) since 1980 and an improved estimate of the number of emigrants among legal foreign-born residents for the same time period. As a result, the total civilian population and labor force estimates were raised by nearly 400,000; civilian employment was increased by about 350,000. The Hispanic-origin population and labor force estimates were raised by about 425,000 and 305,000, respectively, and Hispanic employment by 270,000. Overall and subgroup unemployment levels and rates were not significantly affected. Because of the magnitude of the adjustments for Hispanics, data were revised back to January 1980 to the extent possible. An explanation of the changes and their effect on estimates of labor force characteristics appear in “Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986” in the February 1986 issue of this publication.

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

- Beginning in January 1994, 1990 census-based population controls, adjusted for the estimated undercount, were introduced into the second stage estimation procedure. This change resulted in substantial increases in total population and in all major labor force categories. Effective February 1996, these controls were introduced into the estimates for

1990-93. Under the new population controls, the civilian noninstitutional population for 1990 increased by about 1.1 million, employment by about 880,000, and unemployment by approximately 175,000. The overall unemployment rate rose by about 0.1 percentage point. For further information, see "Revisions in the Current Population Survey Effective January 1994," and "Revisions in Household Survey Data Effective February 1996" in the February 1994 and March 1996 issues, respectively, of this publication.

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

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

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

Beginning in January 1983, the occupational and industrial classification systems used in the 1980 census were introduced into the CPS. The 1980 census occupational classification system evolved from the Standard Occupational Classification (SOC) system and was so radically different in concepts and nomenclature from the 1970 system that comparisons of historical data are not possible without major adjustments. For example, the 1980 major group "sales occupations" is substantially larger than the 1970 category "sales workers." Major additions include "cashiers" from "clerical workers" and some self-employed proprietors in retail trade establishments from "managers and administrators, except farm."

The industrial classification system used in the 1980 census was based on the 1972 Standard Industrial Classification (SIC) system, as modified in 1977. The adoption of the new system had much less of an adverse effect on historical comparability than did the new occupational system. The most notable changes from the 1970 system were the transfer of farm equipment stores from "retail" to "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 this publication.

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

### **Sampling**

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

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

The original 1990 census-based sample design included about 66,000 housing units per month located in 792 se-

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

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

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

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

Metropolitan areas within a State are used as a basis for forming PSU's. Outside of metropolitan areas, counties normally are combined except when the geographic area of an individual county is too large. Combining counties to form PSU's provides greater heterogeneity; a typical PSU includes

urban and rural residents of both high and low economic levels and encompasses, to the extent feasible, diverse occupations and industries. Another important consideration is that the PSU be sufficiently compact so that, with a small sample spread throughout, it can be efficiently canvassed without undue travel cost.

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

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

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

For the purpose of sample selection, census blocks were grouped into three strata: Unit, group quarters, and area. (Occasionally, units within a block were split between the unit and group quarters strata.) The unit stratum contained regular housing units with addresses that were easy to locate (e.g. most single family homes, townhouses, condominiums, apartment units, and mobil homes). The group

quarters stratum contained housing units where residents shared common facilities or received formal or authorized care or custody. Unit and group quarters blocks exist primarily in urban areas. The area stratum contains blocks with addresses that are more difficult to locate. Area blocks exist primarily in rural areas.

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

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

Units in the three strata described above all existed at the time of the 1990 decennial census. Through a series of additional procedures, a sample of building permits is included in the CPS to represent housing units built after the decennial census. Adding these newly built units keeps the sample up-to-date and representative of the population. It also helps to keep the sample size stable: over the life of the sample,

the addition of newly built housing units compensates for the loss of "old" units which may be abandoned, demolished, or converted to nonresidential use.

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

*CPS sample, 1947 to present.* Table 1-A provides a description of some aspects of the CPS sample designs in use since 1947. A more detailed account of the history of the CPS sample design appears in *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, or *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, Report 463, Bureau of Labor Statistics. A description of the 1990 census-based sample design appears in "Redesign of the Sample for the Current Population Survey," in the May 1994 issue of this publication.

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

Time period	Number of sample areas	Households eligible		Households visited but not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954 .....	68	21,000	500-1,000	3,000-3,500
Feb. 1954 to Apr. 1956 .....	230	21,000	500-1,000	3,000-3,500
May 1956 to Dec. 1959 .....	1,330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963 .....	2,333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966 .....	357	33,500	1,500	6,000
Jan. 1967 to July 1971 .....	449	48,000	2,000	8,500
Aug. 1971 to July 1972 .....	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977 .....	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979 .....	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981 .....	629	62,200	2,800	12,000
May 1981 to Dec. 1984 .....	629	57,800	2,500	11,000
Jan. 1985 to Mar. 1988 .....	729	57,000	2,500	11,000
Apr. 1988 to Mar. 1989 .....	729	53,200	2,600	11,500
April 1989 to Oct. 1994 <sup>3</sup> .....	729	57,400	2,600	11,800
Nov. 1994 to Aug. 1995 <sup>4</sup> .....	792	54,500	3,500	10,000
Sept. 1995 to Dec. 1995 .....	792	52,900	3,400	9,700
Jan. 1996 to present .....	754	46,800	3,200	9,000

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

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

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

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

## ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The estimation procedure involves weighting the data from each sample person by the inverse of the probability of the person being in the sample. This gives a rough measure of the number of actual persons that the sample person represents. Since 1985, most sample persons within the same State have had the same probability of selection. Some selection probabilities may differ within a State due to the sample design or for operational reasons. Field subsampling, for example, which is carried out when areas selected for the sample are found to contain many more households than expected, may cause probabilities of selection to differ for some sample areas within a State. Through a series of estimation steps (outlined below), the selection probabilities are adjusted for noninterviews and survey undercoverage; data from previous months are incorporated into the estimates through the composite estimation procedure.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondents for other reasons. This noninterview adjustment is made separately for clusters of similar sample areas that are usually, but not necessarily, contained within a State. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each cluster, there is a further breakdown by residence. Each MSA cluster is split by "central city" and "balance of the MSA." Each non-MSA cluster is split by "urban" and "rural" residence categories. The proportion of sample households not interviewed varies from 6 to 7 percent, depending on weather, vacation, etc.

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

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

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

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

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

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

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

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

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

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

### **Rounding of estimates**

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

### **Reliability of the estimates**

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

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

Nonsampling errors in surveys can be attributed to many sources, e.g., the inability to obtain information about all persons in the sample; differences in the interpretation of questions; inability or unwillingness of respondents to provide correct information; inability to recall information; errors made in collecting and processing the data; errors made in estimating values for missing data; and failure to represent all sample households and all persons within sample households (undercoverage).

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

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates

varies by rotation group. A description of these effects appears in "The Effects of Rotation Group Bias on Estimates From Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. The CPS covers about 92 percent of the decennial census population (adjusted for census undercount). It is known that the CPS undercoverage varies with age, sex, race, and Hispanic origin. Generally, undercoverage is larger for men than for women and larger for blacks, Hispanics, and other races than for whites. Ratio adjustment to independent age-sex-race-origin population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race-origin group.

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

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

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the true population value.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the true population value.
3. Approximately 95 percent of the intervals from two

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Characteristic	a	b
<b>Labor force and not-in-labor-force data other than agricultural employment and unemployment:</b>		
Total or white:		
Most characteristics .....	-0.000012482	2001.12
High correlation characteristics <sup>1</sup> .....	-.000009288	1564.84
Low correlation characteristics <sup>1</sup> .....	-.000016162	2550.56
Men:		
Most characteristics .....	-.000022599	1921.13
High correlation characteristics .....	-.000016814	1500.99
Low correlation characteristics .....	-.000058387	2668.56
Women:		
Most characteristics .....	-.000021229	1689.99
Low correlation characteristics .....	-.000059785	2690.59
Both sexes, 16 to 19 years .....	-.000186555	2616.54
Black:		
Most characteristics .....	-.000098960	2147.36
Low correlation characteristics .....	-.001928030	6513.82
Men:		
Most characteristics .....	-.000234427	2280.03
Low correlation characteristics .....	-.002881467	5829.60
Women:		
Most characteristics .....	-.000156363	1860.78
Low correlation characteristics .....	-.002311407	5420.13
Both sexes, 16 to 19 years .....	-.001288452	3131.77
Hispanic origin:		
Total .....	-.000157201	2774.53
Civilian labor force and not in labor force .....	-.000102898	1930.51
Low correlation characteristics .....	-.002624078	8620.43
Men, civilian labor force and not in labor force .....	-.000248038	2347.42
Men, 16 years and over; 20 years and over; and both sexes, 16 to 19 years .....	-.000398909	3615.62
Women, 16 years and over and 20 years and over .....	-.000338741	2569.69
<b>Agricultural employment:</b>		
Total or white:		
Total .....	-.000395757	3838.04
Men .....	-.000672985	3959.25
Women or both sexes, 16 to 19 years .....	.000130289	2367.00
Black:		
Total or women .....	-.000122355	2861.72
Men or both sexes, 16 to 19 years .....	-.019110769	5876.77
Hispanic origin:		
Total or women .....	.002872129	4640.81
Men or both sexes, 16 to 19 years .....	.002884390	4028.10
Self-employed .....	-.000245791	2091.57
<b>Unemployment:<sup>2</sup></b>		
Total or white:		
Total, men, women .....	-.000093662	4191.84
Both sexes, 16 to 19 years and low correlation characteristics .....	-.000071624	5121.75
Black:		
Total, men, women, and both sexes, 16 to 19 years .....	-.000414217	4361.16
High correlation characteristics .....	.000048170	3088.91
Hispanic origin:		
Total, men, women .....	-.000252897	5054.25
Both sexes, 16 to 19 years and low correlation characteristics .....	-.000996431	7037.75

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

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

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

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

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

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

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

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

**Table 1-H. Factors to be used with tables 1-B, 1-C, 1-D, and 1-F to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages, and change in yearly averages**

Characteristic	Factor				
	Year-to year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
<b>Agricultural employment:</b>					
Total or men .....	1.30	0.92	0.70	0.79	0.70
Women .....	1.30	.82	.84	.57	.70
Both sexes, 16 to 19 years .....	1.30	.78	.88	.49	.70
Part time .....	1.40	.80	.80	.59	.70
<b>Unemployment:</b>					
Total .....	1.40	.74	.88	.46	.65
Part time .....	1.40	.67	.88	.42	.54
<b>Labor force and not-in-labor-force data other than agricultural employment and unemployment:</b>					
Total or white .....	1.30	.87	.85	.65	.70
Black .....	1.30	.87	.84	.65	.70
Hispanic origin .....	1.30	.87	.80	.65	.70
Both sexes, 16 to 19 years .....	1.30	.79	.88	.54	.70
Part time .....	1.40	.82	.90	.51	.60

# Establishment Data ("B" tables)

## COLLECTION

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

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

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

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

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

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

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

## CONCEPTS

### Industrial classification

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

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

### Industry employment

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

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

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

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

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

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

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

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

### **Industry hours and earnings**

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

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

*Construction workers.* This group includes the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of construction or working in shops or yards at jobs

(such as precutting and preassembling) ordinarily performed by members of the construction trades.

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

*Payroll.* This refers to the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th day of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacation, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. Employee benefits (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

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

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

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

*Indexes of aggregate weekly hours.* The indexes of aggregate weekly hours are prepared by dividing the current month's aggregate by the average of the 12 monthly fig-



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

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

Because overtime hours are premium hours by definition, weekly hours and overtime hours do not necessarily move in the same direction from month to month. Such factors as work stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on average hours. Diverse trends at the industry group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months.

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

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

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

For each sample establishment in SIC 3721 and SIC 3761

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

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

*Railroad hours and earnings.* The figures for Class I railroads plus Amtrak (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees. Average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

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

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

*Real earnings.* These earnings are in constant dollars and are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W). The reference year for these series is 1982.

## ESTIMATING METHODS

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

### Benchmarks

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

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

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

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

sample versus the full universe counts derived from the UI.

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

### Monthly estimation

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

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

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

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

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

**Table 2-A. Summary of methods for computing industry statistics on employment, hours, and earnings**

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

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

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

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

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

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

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

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

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

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

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

## THE SAMPLE

### Design

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

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

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

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

Under the survey design, large establishments fall into a certainty strata for sample selection. The size of the sample for the various industries is determined empirically on the basis of experience and cost considerations. For example, in a manufacturing industry with a high proportion of total employment concentrated in a small number of establishments, a larger percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments, with a relatively few chosen from among the smaller establishments. For an industry in which a large proportion of total employment is concentrated in small establishments, the sample design again calls for inclusion of all large establishments but also for a more substantial number of smaller ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to have a sample design for these industries with a smaller proportion of total universe coverage than is the case for most manufacturing industries.

### Coverage

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

### Reliability

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

If  $S_1 = S_2$ , then:

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

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

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

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

**Noneconomic code changes.** A major source of benchmark revision at the major industry division level and below are noneconomic code changes, which are introduced into the universe data in the first quarter of each calendar year.

Approximately one-third of all establishments in the universe are included in the universe program's annual Standard Industrial Classification (SIC) refiling survey. Corrections to individual establishments' SIC and ownership codes are made through this process. The refiling cycle is such that every third year entire division(s) are subject to refiling. The volume of these adjustments is generally quite large and has a substantial impact on universe employment counts at the industry levels, although the total nonfarm employment level remains unaffected. For example, in a year when the services division is refiled, a substantial

**Table 2-C. Employment benchmarks and approximate coverage of BLS employment and payrolls sample, March 1995**

(Numbers in thousands)

Industry	Bench- marks	Sample coverage <sup>1</sup>		
		Number of establish- ments	Employees	
			Number	Percent of bench- marks
Total .....	115,849	329,162	44,856	39
Mining .....	576	3,605	247	43
Construction .....	4,748	26,680	950	20
Manufacturing ....	18,460	59,882	9,261	50
Transportation and public utilities .....	6,066	<sup>2</sup> 17,111	2,404	40
Wholesale trade ..	6,316	26,177	1,144	18
Retail trade .....	20,627	65,892	5,043	24
Finance, insurance, and real estate ...	6,770	24,699	2,206	33
Services .....	32,612	79,479	8,275	25
Government:				
Federal .....	2,822	( <sup>3</sup> )	2,822	100
State .....	4,777	6,122	4,013	84
Local .....	12,075	19,515	8,491	70

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

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

<sup>3</sup> Total Federal employment counts by agency for use in national estimates are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 5,586 reports covering about 58 percent of employment in Federal establishments.

**Table 2-D. Current (March 1995) and historical benchmark revisions**  
(Numbers in thousands)

Industry	March 1995 benchmark revision		10-year average mean percent revision <sup>1</sup>	
	Level	Percent	Actual	Absolute
Total .....	542	0.5	0	0.3
Total private .....	511	.5	0	.4
Goods-producing .....	-19	-.1	-0.3	.8
Mining .....	1	.2	-1.4	1.8
Metal mining .....	0	0	-2.4	2.8
Coal mining .....	-2	-1.9	-.9	1.9
Oil and gas extraction .....	3	.9	-1.7	2.5
Nonmetallic minerals, except fuels .....	1	1.0	-.4	1.6
Construction .....	-75	-1.6	-.8	1.4
General building contractors .....	-40	-3.5	-.6	2.4
Heavy construction, except building .....	10	1.5	.2	1.9
Special trade contractors .....	-46	-1.6	-1.1	1.6
Manufacturing .....	55	.3	-.1	.7
Durable goods .....	53	.5	0	.7
Lumber and wood products .....	6	.8	-.2	1.7
Furniture and fixtures .....	9	1.7	.3	1.1
Stone, clay, and glass products .....	-3	-.6	.1	.8
Primary metal industries .....	-4	-.6	-.4	1.0
Blast furnaces and basic steel products .....	1	.4	0	1.5
Fabricated metal products .....	3	.2	-.1	.9
Industrial machinery and equipment .....	15	.7	-.4	1.2
Computer and office equipment .....	11	3.2	-.2	2.4
Electronic and other electrical equipment .....	-1	-.1	-.7	1.1
Electronic components and accessories .....	0	0	-.5	1.8
Transportation equipment .....	39	2.2	1.1	1.1
Motor vehicles and equipment .....	34	3.5	1.6	1.6
Aircraft and parts .....	6	1.3	.9	1.3
Instruments and related products .....	-7	-.8	-.2	1.8
Miscellaneous manufacturing .....	-4	-1.0	0	1.5
Nondurable goods .....	2	( <sup>2</sup> )	-.2	.7
Food and kindred products .....	-5	-.3	-.2	.9
Tobacco products .....	2	5.0	-.6	4.7
Textile mill products .....	10	1.5	0	.8
Apparel and other textile products .....	15	1.6	-.2	1.3
Paper and allied products .....	4	.6	.1	.7
Printing and publishing .....	-14	-.9	-.5	.9
Chemicals and allied products .....	-11	-1.1	-.2	.8
Petroleum and coal products .....	1	.7	-.3	1.8
Rubber and miscellaneous plastics products .....	3	.3	.2	1.5
Leather and leather products .....	-3	-2.8	-.7	2.6
Service-producing .....	561	.6	0	.3
Transportation and public utilities .....	-43	-.7	-.2	.9
Transportation .....	-18	-.5	-.4	1.3
Railroad transportation .....	0	0	-.7	1.2
Local and interurban passenger transit .....	-20	-4.7	.5	2.2
Trucking and warehousing .....	-12	-.7	-.2	1.5
Water transportation .....	11	6.5	0	4.0
Transportation by air .....	17	2.2	-.8	1.9
Pipelines, except natural gas .....	-2	-13.3	0	4.5
Transportation services .....	-12	-2.9	-1.2	2.9
Communications and public utilities .....	-25	-1.1	.1	.8
Communications .....	-32	-2.4	.2	1.3
Electric, gas, and sanitary services .....	5	.5	-.1	.7
Wholesale trade .....	73	1.2	-.4	1.3
Durable goods .....	55	1.5	-.6	1.6
Nondurable goods .....	18	.7	-.2	1.0

See footnotes at end of table.

**Table 2-D. Current (March 1995) and historical benchmark revisions—Continued**  
(Numbers in thousands)

Industry	March 1995 benchmark revision		10-year average mean percent revision <sup>1</sup>	
	Level	Percent	Actual	Absolute
Retail trade .....	327	1.6	.4	.7
Building materials and garden supplies .....	17	2.0	.5	1.6
General merchandise stores .....	120	4.7	2.2	2.7
Department stores .....	110	4.9	2.8	3.5
Food stores .....	7	.2	-.4	.9
Automotive dealers and service stations .....	-20	-.9	-1.2	1.2
New and used car dealers .....	-6	-.6	-.4	1.1
Apparel and accessory stores .....	32	2.9	1.1	1.6
Furniture and home furnishings stores .....	-3	-.3	-.7	1.2
Eating and drinking places .....	133	1.9	.6	1.2
Miscellaneous retail establishments .....	41	1.6	.2	.9
Finance, insurance, and real estate .....	-120	-1.8	-.3	1.1
Finance .....	-79	-2.4	-.7	1.2
Depository institutions .....	-31	-1.5	-1.1	1.5
Commercial banks .....	-25	-1.7	-.5	.8
Savings institutions <sup>2</sup> .....	-9	-3.2	-4.7	6.9
Nondepository institutions .....	-25	-5.5	.5	2.0
Mortgage bankers and brokers .....	-25	-12.6	.7	5.4
Security and commodity brokers .....	-8	-1.5	.1	1.3
Holding and other investment offices .....	-16	-7.1	-1.8	4.7
Insurance .....	-5	-.2	.4	1.2
Insurance carriers .....	4	.3	.7	1.5
Insurance agents, brokers, and service .....	-9	-1.3	-.2	1.8
Real estate .....	-36	-2.7	-.5	1.6
Services <sup>4</sup> .....	293	.9	.1	.6
Agricultural services .....	-4	-.8	2.4	2.6
Hotels and other lodging places .....	42	2.6	.7	1.5
Personal services .....	4	.3	.5	1.5
Business services .....	134	2.0	.3	1.7
Services to buildings .....	9	1.0	.9	1.9
Personnel supply services .....	58	2.5	1.4	3.9
Help supply services <sup>3</sup> .....	49	2.3	1.7	3.3
Computer and data processing services .....	28	2.7	-1.1	2.8
Auto repair, services, and parking .....	-7	-.7	-1.1	1.5
Miscellaneous repair services .....	14	4.0	-1.3	4.8
Motion pictures .....	-96	-20.0	-1.9	4.6
Amusement and recreation services .....	-32	-2.5	.5	3.0
Health services .....	-28	-.3	-.8	.9
Offices and clinics of medical doctors .....	14	.9	-1.4	2.0
Nursing and personal care facilities .....	-1	-.1	-.9	1.1
Hospitals .....	-37	-1.0	-.7	.8
Home health care services <sup>3</sup> .....	13	2.1	1.0	2.9
Legal services .....	-9	-1.0	-.2	1.4
Educational services .....	90	4.3	1.3	3.1
Social services .....	61	2.6	-.6	1.9
Child day care services .....	42	7.3	-2.7	5.0
Residential care .....	5	.8	0	1.7
Museums and botanical and zoological gardens .....	-2	-2.7	1.5	2.8
Membership organizations .....	72	3.4	2.6	3.2
Engineering and management services <sup>3</sup> .....	37	1.4	.5	1.6
Engineering and architectural services .....	11	1.4	-1.0	1.9
Management and public relations <sup>3</sup> .....	9	1.2	2.3	3.5
Services, nec .....	2	4.7	-.5	1.4
Government .....	31	.2	0	.3
Federal .....	0	0	0	0
Federal, except Postal Service .....	0	0	0	0
State .....	41	.9	.3	.6
Education .....	22	1.1	.6	.9
Other State government .....	20	.7	.1	.6
Local .....	-10	-.1	-.1	.3
Education .....	-34	-.5	-.2	.4
Other local government .....	24	.5	0	.4

<sup>1</sup> Data relate to the 1985-94 benchmarks, as originally published, unless otherwise noted.

<sup>2</sup> Less than 0.05 percent.

<sup>3</sup> Data relate to 1989-95.

<sup>4</sup> Includes other industries, not shown separately.



**Table 2-E. Relative standard errors<sup>1</sup> for estimates of employment, hours, and earnings**  
(In percent)

Size of employment estimate	Employment	Average weekly hours	Average hourly earnings
50,000 .....	1.4	1.9	3.2
100,000 .....	1.1	1.5	2.6
200,000 .....	.8	1.2	2.2
500,000 .....	.6	.9	1.7
1,000,000 .....	.4	.7	1.3
2,000,000 .....	.3	.6	1.1

<sup>1</sup> Relative errors were estimated with sample data from March 1994-March 1995.

**Table 2-F. Relative standard errors<sup>1</sup> for estimates of employment, hours, and earnings by industry**  
(In percent)

Industry	Employment	Average weekly hours	Average hourly earnings
Total private .....	0.1	0.1	0.2
Mining .....	.8	.6	1.1
Construction .....	.4	.1	.3
Manufacturing .....	.1	.1	.4
Durable goods .....	.1	.1	.5
Nondurable goods .....	.1	.1	.5
Transportation and public utilities .....	.3	.5	1.0
Wholesale trade .....	.2	.2	.4
Retail trade .....	.1	.1	.3
Finance, insurance, and real estate .....	.2	.2	.7
Services .....	.2	.2	.4

<sup>1</sup> Relative errors were estimated with sample data from March 1994-March 1995.

amount of employment is usually reclassified out of services to other major divisions, thus, lowering the benchmark level for services, and potentially causing a significant downward revision in the services employment totals previously published.

*Revisions between preliminary and final data.* First preliminary estimates of employment, hours, and earnings, based on less than the total sample, are published immediately following the reference month. Final revised sample-

based estimates are published 2 months later when nearly all the reports in the sample have been received.<sup>1</sup> Table 2-G presents the root-mean-square error, the mean percent, and the mean absolute percent revision that may be expected between the preliminary and final employment estimates.

Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings, at the total private nonfarm level, and may be slightly larger for the more detailed industry groupings.

## STATISTICS FOR STATES AND AREAS

### (Tables B-7, B-14, and B-18)

As explained earlier, State agencies in cooperation with BLS collect and prepare State and area employment, hours, and earnings data. These statistics are based on the same establishment reports used by BLS, however, BLS uses the full CES sample to produce monthly national employment estimates, while each State agency uses its portion of the sample to independently develop a State employment estimate.

The CES area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue.

*Caution in aggregating State data.* The national estimation procedures used by BLS are designed to produce accurate national data by detailed industry; correspondingly the State estimation procedures are designed to produce accurate data for each individual State. State estimates are not forced to sum to national totals nor vice versa. Because each State series is subject to larger sampling and nonsampling errors than the national series, summing them cumulates individual State level errors and can cause distortions at an aggregate level. This has been a particular problem at turning points in the U.S. economy, when the majority of the individual State errors tend to be in the same direction. Due to these statistical limitations, the Bureau does not compile or publish a "sum-of-States" employment series. Additionally, BLS cautions users that such a series is subject to a relatively large and volatile error structure, particularly at turning points.

**Table 2-G. Errors of preliminary employment estimates**

Industry	Root-mean-square error of monthly level <sup>1</sup>	Mean percent revision	
		Actual	Absolute
Total .....	65,200	0	0
Total private .....	54,300	0	0
Goods-producing .....	15,500	0	0.1
Mining .....	2,200	-0.1	.3
Metal mining .....	400	0	.5
Coal mining .....	900	-.1	.5
Oil and gas extraction .....	2,200	-.1	.4
Nonmetallic minerals, except fuels .....	400	0	.3
Construction .....	9,600	.1	.2
General building contractors .....	4,200	.1	.3
Heavy construction, except building .....	3,900	.1	.4
Special trade contractors .....	6,200	.1	.2
Manufacturing .....	11,000	0	0
Durable goods .....	7,500	0	.1
Lumber and wood products .....	1,300	.1	.1
Furniture and fixtures .....	1,300	0	.2
Stone, clay, and glass products .....	1,200	0	.2
Primary metal industries .....	1,800	0	.2
Blast furnaces and basic steel products .....	1,500	-.1	.4
Fabricated metal products .....	2,100	0	.1
Industrial machinery and equipment .....	2,500	0	.1
Computer and office equipment .....	1,200	0	.3
Electronic and other electrical equipment .....	2,400	.1	.1
Electronic components and accessories .....	1,300	0	.2
Transportation equipment .....	4,000	0	.2
Motor vehicles and equipment .....	3,600	.1	.3
Aircraft and parts .....	1,400	0	.2
Instruments and related products .....	2,000	0	.2
Miscellaneous manufacturing .....	1,300	0	.3
Nondurable goods .....	5,900	0	.1
Food and kindred products .....	3,400	-.1	.2
Tobacco products .....	400	0	.7
Textile mill products .....	1,300	0	.1
Apparel and other textile products .....	2,500	.1	.2
Paper and allied products .....	1,200	0	.1
Printing and publishing .....	1,800	.1	.1
Chemicals and allied products .....	1,700	-.1	.1
Petroleum and coal products .....	1,000	-.1	.4
Rubber and miscellaneous plastics products .....	1,700	0	.1
Leather and leather products .....	700	0	.5
Service-producing .....	60,400	0	.1
Transportation and public utilities .....	8,900	-.1	.1
Transportation .....	7,700	-.1	.2
Railroad transportation .....	2,400	-.2	.7
Local and interurban passenger transit .....	3,900	-.1	.6
Trucking and warehousing .....	5,200	-.1	.2
Water transportation .....	2,000	0	.9
Transportation by air .....	2,400	-.1	.3
Pipelines, except natural gas .....	200	-.4	.8
Transportation services .....	1,200	-.1	.3
Communications and public utilities .....	4,800	0	.2
Communications .....	4,500	0	.2
Electric, gas, and sanitary services .....	1,900	0	.2
Wholesale trade .....	7,400	.1	.1
Durable goods .....	3,900	0	.1
Nondurable goods .....	5,000	.1	.1

See footnotes at end of table.

Table 2-G. Errors of preliminary employment estimates—Continued

Industry	Root-mean-square error of monthly level <sup>1</sup>	Mean percent revision	
		Actual	Absolute
Retail trade .....	34,300	.1	.1
Building materials and garden supplies .....	2,500	0	.2
General merchandise stores .....	16,200	.1	.5
Department stores .....	15,200	.1	.5
Food stores .....	6,300	0	.1
Automotive dealers and service stations .....	2,900	-.1	.1
New and used car dealers .....	1,300	-.1	.1
Apparel and accessory stores .....	5,900	.2	.4
Furniture and home furnishings stores .....	4,000	0	.3
Eating and drinking places .....	13,000	.1	.2
Miscellaneous retail establishments .....	8,600	.1	.3
Finance, insurance, and real estate .....	6,800	0	.1
Finance .....	4,100	0	.1
Depository institutions .....	3,000	-.1	.1
Commercial banks .....	2,500	-.1	.1
Savings institutions .....	1,200	0	.2
Nondepository institutions .....	1,400	0	.2
Mortgage bankers and brokers .....	1,000	0	.4
Security and commodity brokers .....	1,000	0	.2
Holding and other investment offices .....	1,700	-.1	.5
Insurance .....	3,100	0	.1
Insurance carriers .....	2,700	0	.1
Insurance agents, brokers, and service .....	1,000	.1	.1
Real estate .....	3,000	0	.2
Services <sup>2</sup> .....	30,900	0	.1
Agricultural services .....	3,200	.1	.5
Hotels and other lodging places .....	6,100	.1	.3
Personal services .....	8,700	-.1	.5
Business services .....	13,000	.1	.2
Services to buildings .....	3,000	0	.3
Personnel supply services .....	10,500	.2	.4
Help supply services .....	9,800	.1	.4
Computer and data processing services .....	2,400	0	.2
Auto repair, services, and parking .....	1,900	0	.2
Miscellaneous repair services .....	1,200	-.1	.3
Motion pictures .....	5,900	-.1	.9
Amusement and recreation services .....	12,600	.4	.8
Health services .....	5,200	0	.1
Offices and clinics of medical doctors .....	2,900	.1	.1
Nursing and personal care facilities .....	2,000	0	.1
Hospitals .....	3,000	0	.1
Home health care services .....	1,600	.1	.3
Legal services .....	1,100	0	.1
Educational services .....	12,500	0	.6
Social services .....	7,900	.1	.3
Child day care services .....	4,200	.3	.6
Residential care .....	1,400	0	.2
Museums and botanical and zoological gardens .....	700	.1	.7
Membership organizations .....	3,900	0	.2
Engineering and management services .....	4,500	0	.1
Engineering and architectural services .....	2,300	0	.2
Management and public relations .....	2,600	.1	.3
Services, nec .....	400	.1	.8
Government .....	27,700	.1	.1
Federal .....	11,600	.1	.3
Federal, except Postal Service .....	10,700	.1	.4
State .....	12,700	0	.2
Education .....	11,500	0	.5
Other State government .....	6,000	0	.2
Local .....	21,200	.1	.1
Education .....	18,000	.1	.2
Other local government .....	13,500	0	.2

<sup>1</sup> The root-mean-square error is the square root of the mean squared error. The mean squared error is the square of the difference between the final and preliminary estimates averaged across a series of monthly observations.

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

NOTE: Errors are based on differences from January 1991 through December 1995.

# Region, State, and Area Labor Force Data ("C" tables)

## FEDERAL-STATE COOPERATIVE PROGRAM

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

Annual average data for the States and over 270 areas shown in table C-3 are published in *Employment and Earnings* (usually the May issue). For regions, States, selected metropolitan areas, and central cities, annual average data classified by selected demographic, social, and economic characteristics are published in the BLS bulletin, *Geographic Profile of Employment and Unemployment*.

Labor force estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. The report "Unemployment in States and Local Areas" is published monthly through GPO and is available in microfiche form only, on a subscription basis.

## ESTIMATING METHODS

Monthly labor force, employment, and unemployment estimates are prepared for the 50 States, the District of Columbia, and over 6,500 areas, including nearly 2,400 LMA's, counties, and cities with a population of 25,000 or more. The estimation methods are described below for States (and the District of Columbia) and for sub-State areas. At the sub-LMA (county and city) level, estimates are prepared using disaggregation techniques based on decennial and annual population estimates and current unemployment insurance data. A more detailed description of the estimation procedure is contained in the BLS document, *Manual for Developing Local Area Unemployment Statistics*.

### Estimates for States

*Current monthly estimates.* Effective January 1996, civilian labor force and unemployment estimates for all States and the District of Columbia are produced using models based on a "signal-plus-noise" approach. The model of the signal is a time series model of the true labor force which consists of three components: A variable coefficient

regression, a flexible trend, and a flexible seasonal component. The regression techniques are based on historical and current relationships found within each State's economy as reflected in the different sources of data that are available for each State—the Current Population Survey (CPS), the Current Employment Statistics (CES) survey, and the unemployment insurance (UI) system. The noise component of the models explicitly accounts for auto correlation in the CPS sampling error and changes in the average magnitude of the error. In addition, the models can identify and remove the effects of outliers in the historical CPS series. While all the State models have important components in common, they differ somewhat from one another to better reflect individual State characteristics.

Two models—one for the employment-to-population ratio and one for the unemployment rate—are used for each State. The employment-to-population ratio, rather than the employment level, and the unemployment rate, rather than the unemployment level, are estimated primarily because these ratios are usually more meaningful for economic analysis.

The employment-to-population ratio models use the relationship between the State's monthly employment from the CES and the CPS. The models also include trend and seasonal components to account for movements in the CPS not captured by the CES series. The seasonal component accounts for the seasonality in the CPS not explained by the CES, while the trend component adjusts for long-run systematic differences between the two series.

The unemployment rate models use the relationship between the State's monthly unemployment insurance (UI) claims data and the CPS unemployment rate, along with trend and seasonal components.

In both the employment-to-population ratio and unemployment rate models, an important feature is the use of a technique that allows the equations to adjust automatically to structural changes that occur. The regression portion of the model includes a built-in tuning mechanism, known as the Kalman Filter, which revises a model's coefficients when the new data that become available each month indicate that changes in the data relationships have taken place. Once the estimates are developed from the models, levels are calculated for employment, unemployment, and labor force.

*Benchmark correction procedures.* Once each year, monthly estimates for all States and the District of Columbia are adjusted, or benchmarked, by BLS to the annual average CPS estimates. The benchmarking technique employs a procedure (called the Denton method) which adjusts the annual average of the models to equal the CPS annual aver-

age, while preserving, as much as possible, the original monthly seasonal pattern of the model estimates.

### **Estimates for sub-State areas**

Monthly labor force, employment, and unemployment estimates for two large sub-State areas—New York City and the Los Angeles-Long Beach metropolitan area—are obtained using the same modeling approach as for states. Estimates for the nearly 2,400 remaining LMA's, are prepared through indirect estimation techniques, described below.

*Preliminary estimate—employment.* The total civilian employment estimates are based largely on CES data. These “place-of-work” estimates must be adjusted to refer to place of residence as used in the CPS. Factors for adjusting from place of work to place of residence have been developed on the basis of employment relationships at the time of the 1990 decennial census. These factors are applied to the CES estimates for the current period to obtain adjusted employment estimates, to which are added estimates for employment not represented in the CES—agricultural employees, nonagricultural self-employed and unpaid family workers, and private household workers.

*Preliminary estimate—unemployment.* In the current month,

the estimate of unemployment is an aggregate of the estimates for each of two categories: (1) Persons who were previously employed in industries covered by State UI laws; and (2) those who were entering the civilian labor force for the first time or reentering after a period of separation.

*Sub-State adjustment for additivity.* Estimates of employment and unemployment are prepared for the State and all LMA's within the State. The LMA estimates geographically exhaust the entire State. Thus, a proportional adjustment is applied to all sub-State preliminary LMA estimates to ensure that they add to the independently estimated State totals for employment and unemployment. For California and New York, the proportional adjustment is applied to all LMA's other than the two modeled areas, to ensure that the LMA estimates sum to an independent model-based estimate for the balance of State.

*Benchmark correction.* At the end of each year, sub-State estimates are revised. The revisions incorporate any changes in the inputs, such as revisions in the CES-based employment figures, corrections in UI claims counts, and updated historical relationships. The updated estimates are then re-adjusted to add to the revised (benchmarked) State estimates of employment and unemployment.

## Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting the statistics from month to month. These adjustments make it easier to observe the cyclical and other non-seasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, because they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment-based data are published monthly in *Employment and Earnings*.

### Household data

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

BLS uses an extension of X-11 ARIMA to allow it to adjust more adequately for the effects of the presence or absence of religious holidays in the April survey reference period and of Labor Day in the September reference period. This extension was applied for the first time at the end of 1989 to three persons-at-work labor force series which tested as having significant and well-defined effects in their April data associated with the timing of Easter.

At the beginning of each calendar year, projected seasonal adjustment factors are calculated for use during the January-June period. In July of each year, BLS calculates and publishes in *Employment and Earnings* projected seasonal adjustment factors for use in the second half, based on the experience through June. Revisions of historical data, usually for the most recent 5 years, are made only at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970. In 1994, data were revised only for that year because of the major redesign and

1990 census-based population controls, adjusted for the estimated undercount, introduced into the Current Population Survey. In 1996, 1990-93 data also were revised to incorporate these 1990 census-based population controls and seasonally adjusted series were revised back to 1990.

All labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (men and women under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. The seasonally adjusted figure for the labor force is a sum of eight seasonally adjusted civilian employment components and four seasonally adjusted unemployment components. The total for unemployment is the sum of the four unemployment components, and the unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the labor force. Because of the independent seasonal adjustment of various series, components will not necessarily add to totals.

In each January issue (March issue in 1996), *Employment and Earnings* publishes revised seasonally adjusted data for selected labor force series based on the experience through December, new seasonal adjustment factors to be used to calculate the civilian unemployment estimate for the first 6 months of the following year, and a description of the current seasonal adjustment procedure.

### Establishment data

Beginning in June 1996, with the release of the March 1995 benchmark revisions, BLS utilizes X-12 ARIMA software developed by the Bureau of the Census to seasonally adjust national establishment-based employment, hours, and earnings series. The X-12 ARIMA replaces the X-11 ARIMA, which had been used to adjust these series since the early 1980's. All national establishment-based series were revised back to 1988.

The conversion to X-12 ARIMA allows BLS to refine its seasonal adjustment procedures to control for survey interval variations, sometime referred to as the 4-vs. 5-week effect. While the CES survey is referenced to a consistent concept, the pay period including the 12th day of the month, inconsistencies arise because there are variations of 4 or 5 weeks between the week of the 12th in any given pair of months. In highly seasonal months and industries, this variation can be an important determinant of the magnitude of seasonal hires or layoffs that have occurred at the time the

survey is taken, thereby complicating seasonal adjustment. The interval effect adjustment is accomplished through the REGARIMA (regression with auto-correlated errors) option in the X-12 software. This process combines standard regression analysis, which measures correlations between two or more variables, with ARIMA modeling, which describes and predicts the behavior of a data series based on its own past history. In this application, the correlations of interest are those between employment levels in individual calendar months and the length of the survey intervals for those months. The REGARIMA models estimate and remove the variation in employment levels attributable to 11 separate survey intervals, one specified for each month, except March. March is excluded because there are always 4 weeks between the February and March surveys.

Projected seasonal factors for the establishment-based series are calculated and published twice a year, paralleling the procedure used for the household series. Revisions to historical data are made once a year, coincident with benchmark revisions. All series are seasonally adjusted using multiplicative models in X-12; additive models are not considered. Seasonal adjustment factors are computed and applied at component levels. For employment series, these are generally the 2-digit SIC levels. Seasonally adjusted totals are arithmetic aggregations for employment series and weighted averages of the seasonally adjusted data for hours and earnings series.

Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1982 annual average base. For total private, total goods-producing, total private service-producing, and major industry divisions, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1982 annual average base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. These failed or unsatisfactory seasonally adjusted series, however, are used in the aggregation to broader level seasonally adjusted series.

Seasonal adjustment factors for Federal Government employment are derived from unadjusted data which include Christmas temporary workers employed by the Postal Service. The number of temporary census workers for the decennial census, however, are removed prior to the calcu-

lation of seasonal adjustment factors.

BLS also makes special adjustments for floating holidays for the establishment-based series on average weekly hours and manufacturing overtime hours. From 1988 forward, these adjustments are now accomplished as part of the X-12 ARIMA/REGARIMA modeling process rather than through the previously used moving-holiday extension of X-11 ARIMA. The special adjustment made in November each year to adjust for the effect of poll workers in the local government employment series also is incorporated into the X-12 process from 1988 forward; this replaces the X-11 ARIMA-based procedure previously used to account for this effect.

Revised seasonally adjusted national establishment-based series based on the experience through March 1996, new seasonal adjustment factors for March-October 1996, and a description of the current seasonal adjustment procedure appear in the June 1996 issue of *Employment and Earnings*. Revised factors for the September 1996-April 1997 period will appear in the December issue.

Beginning in 1993, BLS introduced publication of seasonally adjusted nonfarm payroll employment data by major industry for all States and the District of Columbia (table B-7). Seasonal adjustment factors are applied directly to the employment estimates at the division level (component series for manufacturing and trade) and then aggregated to the State totals. The recomputation of seasonal factors and historical revisions are made coincident with the annual benchmark adjustments. State estimation procedures are designed to produce accurate (unadjusted and seasonally adjusted) data for each individual State. BLS independently develops a national employment series; State estimates are not forced to sum to national totals. Because each State series is subject to larger sampling and nonsampling errors than the national series, summing them cumulates individual State level errors and can cause significant distortions at an aggregate level. Due to these statistical limitations, BLS does not compile a "sum-of-States" employment series, and cautions users that such a series is subject to a relatively large and volatile error structure.

### **Region and State labor force data**

Beginning in 1992, BLS introduced publication of seasonally adjusted labor force data for the census regions and divisions, the 50 States, and the District of Columbia (tables C-1 and C-2). Using the X-11 ARIMA procedure, seasonal adjustment factors are computed and applied independently to the component employment and unemployment levels and then aggregated to regional or State totals. Current seasonal adjustment factors are produced for 6-month periods twice a year. Historical revisions usually are made at the beginning of each calendar year. Because of the separate processing procedures, totals for the Nation, as a whole, differ from the results obtained by aggregating regional or State data.