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EMPLOYMENT AND EARNINGS

U.S. Department of Labor
Bureau of Labor Statistics
January 1997

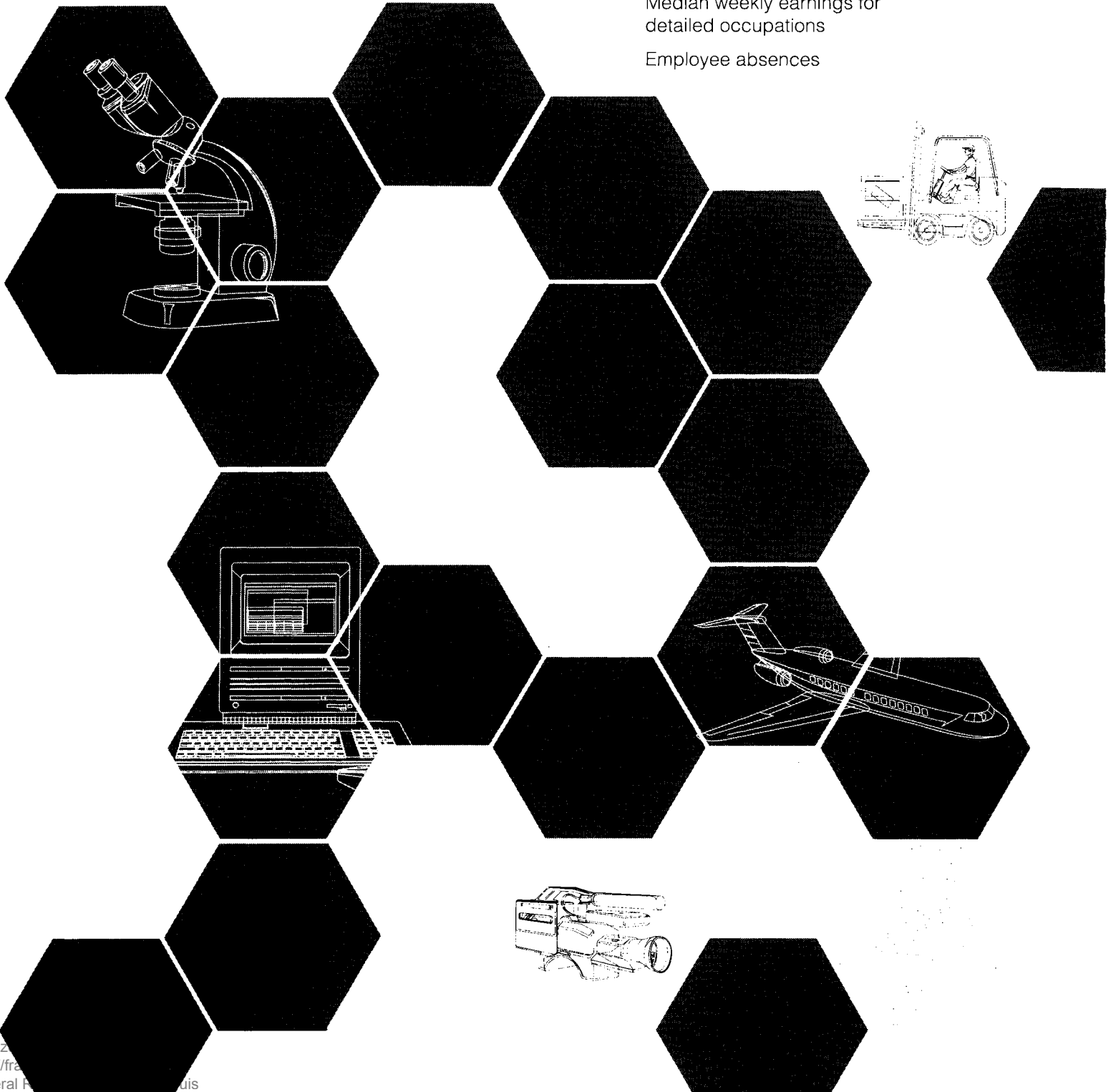
In this issue: 1996 annual averages

Revised seasonally adjusted household data

Data on union affiliation

Median weekly earnings for detailed occupations

Employee absences





U.S. DEPARTMENT OF LABOR

BUREAU OF LABOR STATISTICS
Katharine G. Abraham, *Commissioner*

E&E—*Employment and Earnings* (ISSN 0013-6840), is prepared in the Office of Employment and Unemployment Statistics in collaboration with the Office of Publications and Special Studies. The data are collected by the Bureau of the Census (Department of Commerce) and State employment security agencies, in cooperation with the Bureau of Labor Statistics. A brief description of the cooperative statistical programs of the BLS with these agencies is presented in the Explanatory Notes and Estimates of Error. The State agencies are listed on the inside back cover.

Employment and Earnings may be ordered from: New Orders, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954. Phone (202) 512-1800. Subscription price per year \$35 domestic and \$43.75 foreign. Single copy \$13 domestic and \$16.25 foreign. Prices are subject to change by the U.S. Government Printing Office.

Correspondence concerning subscriptions, including address changes and missing issues, should be sent to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Phone (202) 512-2303. POSTMASTER: Send address changes to *Employment and Earnings*, U.S. Government Printing Office, Washington, DC 20402

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January 1997
Vol. 44 No. 1

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.

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Employee absences	Jan.
Revised seasonally adjusted series	Jan.
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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 ¹
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

¹ The most recent publication was issued in August 1996 as *Employment Hours, and Earnings, United States, 1988-96*, BLS Bulletin 2481, and is available from New orders, U.S. Superintendent of Documents, P. O. Box 371954, Pittsburgh, PA 15250-7954, at \$35 a copy, GPO Stock Number 029-001-03260-9. These data also are available on the Internet.

Employment and Earnings

Editors: Gloria Peterson Green, Eugene H. Becker

Editors' Note

With this issue, seasonally adjusted unemployment and other labor force series derived from the Current Population Survey (household survey) have been revised to reflect updated seasonal adjustment factors which incorporate the experience through December 1996. As a result, seasonally adjusted data for 1994-96 are subject to revision. Revised current data appear in table A, tables A-1 through A-12, and D-1 through D-10.

The article beginning on page 3 of this issue discusses the effects of the revisions, describes the seasonal adjustment method, and includes the new seasonal adjustment factors to be used to calculate the major civilian labor force series for January-June 1997.

Historical seasonally adjusted monthly and quarterly data also are available on the Internet. Internet users can access these data from the <ftp://stats.bls.gov/pub/special.requests/lf> directory.

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Employment and Unemployment Developments, December 1996

Nonfarm payroll employment increased in December, and the unemployment rate was unchanged at 5.3 percent. The number of payroll jobs rose by 262,000 over the month, with gains occurring among most of the major industry groups. Average hourly earnings rose by 6 cents in December, following a 9-cent rise in the prior month.

Unemployment

Both the number of unemployed persons, 7.2 million, and the unemployment rate, 5.3 percent, were unchanged in December, although both figures showed modest improvement in 1996. December jobless rates for the major worker groups—adult men (4.4 percent), adult women (4.9 percent), teenagers (16.5 percent), whites (4.6 percent), blacks (10.5 percent), and Hispanics (7.7 percent)—showed little or no change over the month. (See tables A-3 and A-4.)

Total employment and the labor force

Total employment, at 127.9 million in December, was little changed from the November level, but has expanded by 2.8 million over the past year. This gain was split nearly evenly between men and women. The proportion of the population 16 years and over that was employed (the employment-population ratio) was 63.4 percent in December, unchanged over the month but up 0.7 percentage point from a year earlier. (See table A-3.)

The number of persons employed part time for economic reasons rose by 355,000 in December to 4.3 million, after a decline of similar magnitude in November. The size of this group held at or near 4.3 million for most of 1996. (See table A-6.)

About 8.2 million persons (not seasonally adjusted) held more than one job in December. These multiple jobholders comprised 6.4 percent of all employed persons, up slightly from a year earlier. (See table A-35.)

Both the civilian labor force and the labor force participation rate were essentially unchanged over the month, though both measures have risen over the past year. The labor force grew by 2.6 million in 1996, with women accounting for three-fifths of the increase. The labor force participation rate rose by 0.6 percentage point over the year, to 67.0 percent in December. (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 December—that is,

they wanted and were available for work and had looked for jobs sometime in the prior year. These persons were not classified as unemployed because they were not currently looking for work when surveyed in December. The total number of marginally attached workers was down slightly over the year. (See table A-34.)

The number of discouraged workers—a subset of marginally attached workers who were not currently looking for jobs specifically because they believed no jobs were available for them or there were none for which they would qualify—was 334,000 in December, also down slightly from a year earlier.

Industry payroll employment

Total nonfarm payroll employment increased by 262,000 in December to 120.7 million, after seasonal adjustment, and rose by 2.6 million over the year. The private sector added 231,000 jobs in December. (See table B-3.) Private sector job growth during the fourth quarter averaged 218,000 per month, well above the third-quarter average of 147,000.

Employment in the services industry increased by 112,000 in December, the largest gain since May. Increases occurred in nearly all components of the industry. Business services added 45,000 jobs, following a small loss in November. Computer services employment continued its rapid rise. Help supply added 12,000 jobs in December, following a net decline over the prior 3 months. Elsewhere in services, job gains continued in health services, engineering and management services, and amusement and recreation.

Retail trade employment rose by 48,000 in December. Much of the gain was in eating and drinking places, where estimated growth has been inconsistent during the year. In December, employment continued to rise in furniture and home furnishings stores and building supplies retailers, each of which added workers at a brisk pace in 1996. Following strong seasonal hiring in October, employment in general merchandise stores declined in November and December, after seasonal adjustment. Wholesale trade showed sluggish job growth for the second straight month.

Employment in transportation and public utilities edged up by 5,000 in December, as strength in air transportation more than offset declines in trucking, communications, and public utilities. Finance, insurance, and real estate employment rose by 17,000 in December, continuing its relatively strong growth trend. Gains were concentrated in finance,

particularly in nondepository institutions, security brokerages, and holding and other investment offices.

Manufacturing added 19,000 jobs in December. Over-the-month job growth was widespread, with notable increases occurring in aircraft and in food and kindred products. From September through December, factory employment increased by 32,000. Despite this gain, 94,000 factory jobs were lost in 1996, as steep declines in nondurable goods industries were only partially offset by gains in durables.

Aided by unusually mild weather across most of the country during the December reference period, employment in the construction industry rose by 23,000 in December. Over the year, construction employment increased by 287,000, more than 2-1/2 times the rise in the prior year.

Government employment rose by 31,000 in December, after seasonal adjustment. Most of the increase was in the noneducation component of local government, reversing a decrease in the prior month. Fewer poll workers had been reported in November than expected by the seasonal factors, so that there were fewer to dismiss following the elections. Since Federal Government employment reached its most recent peak in May 1992, job losses have totaled 322,000 (not counting the Postal Service, which has added workers).

Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls increased by 0.3 hour in December to 34.8 hours, seasonally adjusted. The manufacturing workweek also rose by 0.3 hour to 42.0 hours and factory overtime, at 4.7 hours, was up by 0.2 hour. Both the manufacturing workweek and overtime hours were at their highest levels since early 1995. (See table B-8.)

The index of aggregate weekly hours of private production or nonsupervisory workers on nonfarm payrolls rose by 0.9 percent, seasonally adjusted, to 139.2 (1982=100) in December. The manufacturing index increased by 0.8 percent to 106.9. (See table B-9.)

Hourly and weekly earnings

Average hourly earnings of private production or nonsupervisory workers on nonfarm payrolls rose 6 cents in December to \$12.05, seasonally adjusted, following an increase of 9 cents in the prior month. Average weekly earnings increased by 1.4 percent in December to \$419.34. Over the past year, average hourly earnings rose by 3.8 percent, while average weekly earnings increased by 5.3 percent. (See table B-11.)

Planned Changes in the Household Survey Data

Effective with the release of data for January 1997, revisions will be introduced into the population controls used for the household survey. These revisions reflect primarily new information on the magnitude and demographic characteristics of net immigration, and will result in an upward shift in the estimated civilian noninstitutional population 16 years and over for January 1997. The changes will add approximately 470,000 on top of trend growth between December and January. The bulk of the adjustment will occur among Hispanics and the "other races" category. The changes and their effect on the estimates of labor force change and composition will be described in an article slated to appear in the February 1997 issue of *Employment and Earnings*.

Scheduled Release Dates

Employment and unemployment data are scheduled for initial release on the following dates:

<i>Reference month</i>	<i>Release date</i>	<i>Reference month</i>	<i>Release date</i>
January	February 7	April	May 2
February	March 7	May	June 6
March	April 4	June	July 3

Revision of Seasonally Adjusted Labor Force Series

Robert J. McIntire

The original data values for many economic time series often include a substantial amount of seasonality, reflecting recurring calendar-related effects caused by weather, holidays, the opening and closing of schools, and other such seasonal events. Seasonal adjustment is a process used to estimate and remove that seasonality. The reason for doing so is to make it easier to observe and analyze the nonseasonal movements in the series, particularly short-term movements associated with business cycles.

The seasonal adjustment process produces estimates of seasonality, called seasonal factors, for the period of observations used in the process and for some projected observations immediately following that period. For the labor force series, initial seasonal adjustment of current data is done using the projected seasonal factors, which are estimates of how much the original unadjusted values can be expected to deviate from underlying trend-cycle levels due to recurring behavior as projected from average seasonal patterns in the recent past.

Even though seasonality involves regularly recurring patterns, it does tend to change or at least evolve over time, creating a need for periodic reestimation of factors and revision of recently adjusted estimates. By including more recent data in the estimation process, the revision process can provide better estimates of how much the original, unadjusted estimates actually deviated from underlying trend-cycle levels during the recent period, thereby improving the historical seasonally adjusted data for that period. In addition, the new information is incorporated to produce the new projected factors to be used for current seasonal adjustment.

Therefore, at the end of each calendar year, the Bureau of Labor Statistics reestimates the seasonality of the unemployment, employment, and other labor force series derived from the Current Population Survey (CPS) by including another full year of data in the estimation process. Based on this annual reestimation, BLS issues the projected factors for the first 6 months of the new year as well as revised estimates of historical seasonally adjusted data. Usually, the data for the last 5 years are revised. This time, however, because of the changes introduced at the beginning of 1994 in the survey and the processing procedures on which the

labor force series estimates are based,¹ only the historical seasonally adjusted data for 1994 forward are being revised, based upon data through December 1996.

Table 1 contains the new projected seasonal factors to be applied during the first 6 months of 1997 to the 12 component series used in the computation of the seasonally adjusted civilian labor force and unemployment rate. (See the section on aggregation procedures later in the article.) Projected factors for the last 6 months of 1997 will be published in the July issue of this publication.

Effect of revisions

One of the criteria used to evaluate alternative methods of seasonal adjustment is how close initial estimates are to subsequent revisions. Policymakers and analysts must make determinations based on current information, and so it is important that the initial estimates of current factors for the seasonal adjustment of major economic series produce estimates of level and change that are as close as possible to the improved estimates that will be made after more data have become available. Even though the revisions currently being released for the 1996 seasonally adjusted data are not final, the first revisions are usually more substantial than, and often indicate the direction of, any subsequent revisions. Therefore, it is appropriate to compare these first revisions with the initial estimates. Table 2 shows the civilian unemployment rate for 1996 as first computed and as revised, as well as the changes due to revision. Rounded to one decimal place as published, the rate changed in 7 of the 12 months, but the absolute effect of the changes never exceeded 0.1 percentage point in any of those months. The trend observed in the initial estimates was sustained in the revisions. Compared to the initial estimates, the revised rates do suggest slightly smoother behavior for the rate during the year. For example, for each of the 3 months of 1996 in which the month-to-month change in the unemployment rate was a decrease of 0.3 as initially released, the revised rate now shows a decrease of 0.2.

Adjustment methods and procedures

The official seasonal adjustment procedure for the labor force series is the X-11 ARIMA program, which was devel-

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¹ The changes were described in "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of this publication.

Table 1. Pre-1994 prior adjustment and January–June 1997 seasonal adjustment factors for the 12 major civilian labor force components

Procedure and series	Prior adjustment factors	Seasonal adjustment factors					
		January	February	March	April	May	June
Multiplicative adjustment (Divide factor into original value)							
Agricultural employment:							
Men, 20 years and over	(¹)	.902	.914	.950	.987	1.060	1.074
Women, 20 years and over .....	.776	.882	.899	.961	.995	1.053	1.093
Men, 16 to 19 years .....	.860	.657	.672	.748	.883	1.172	1.528
Women, 16 to 19 years .....	.853	.654	.551	.727	.826	.994	1.448
Nonagricultural employment:							
Men, 20 years and over	(¹)	.986	.989	.993	.996	1.000	1.006
Women, 20 years and over	(¹)	.994	1.001	1.002	1.000	.999	.993
Unemployment:							
Men, 20 years and over .....	.938	1.173	1.171	1.128	1.025	.978	.938
Women, 20 years and over .....	.976	1.062	1.000	.981	.932	.951	1.009
Additive adjustment (Subtract factor from original value)							
Nonagricultural employment:							
Men, 16 to 19 years	-68	-319	-293	-285	-207	-144	394
Women, 16 to 19 years	-96	-225	-247	-210	-220	-97	346
Unemployment:							
Men, 16 to 19 years	-47	-16	-37	-22	-27	10	198
Women, 16 to 19 years	(¹)	-39	-35	-60	-33	42	216

¹ No prior adjustment was done.

oped at Statistics Canada during the 1970s as an extension of and improvement to the widely used X-11 method developed at the U.S. Bureau of the Census in the 1960s.² The X-11 ARIMA method improves current estimates for most series by allowing recent observations, especially those of the last 6 months, to weigh more heavily in the estimates of current and recent seasonal factors than did the X-11 alone. The method provides this improvement through the use of ARIMA models to extend the data series by 12 months. The X-11 algorithm for seasonal adjustment is then applied to the extended series.

ARIMA models. ARIMA projections are based only on the past experience observed in a series itself. ARIMA models have proved to have good properties for short-term projection or extrapolation of a large class of time series, especially in a seasonal adjustment context, since the extrapolations tend to track intra-year movements quite well. The ARIMA models in the X-11 ARIMA program used to seasonally adjust the labor force series are of the Box-Jenkins

type.³ They can generally be described with the notation:

(p,d,q)(P,D,Q) TRANSFORMATION,

Where:

- (1) p is the number of regular (nonseasonal) autoregressive parameters
- (2) d is the number of regular differences
- (3) q is the number of regular moving average parameters
- (4) P is the number of seasonal autoregressive parameters
- (5) D is the number of seasonal differences
- (6) Q is the number of seasonal moving average parameters
- (7) TRANSFORMATION may be NONE, LOG, or POWER(n).

While the lettered elements within the parentheses of the model specifications can theoretically take on many values, in practice, only small values are useful.

² The primary documentation for the X-11 ARIMA procedure is *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum (Statistics Canada Catalogue No. 12-564E, January 1983). (ARIMA is an acronym for AutoRegressive Integrated Moving Average.) The X-11 method is described in *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, by Julius Shiskin, Alan Young, and John Musgrave (Technical Paper No. 15, Bureau of the Census, 1967).

³ For a more detailed discussion of ARIMA models, refer to previously cited Dagum (1983) and to G.E.P. Box and G.M. Jenkins, *Time Series Analysis, Forecasting and Control* (San Francisco, Holden Day, 1970); and C.W.J. Granger and P. Newbold, *Forecasting Economic Time Series* (New York Academic Press, 1977).

Table 2. Seasonally adjusted unemployment rates in 1996 and change due to revision

Month	As first computed	As revised	Change
January	5.8	5.7	-0.1
February	5.5	5.5	0
March	5.6	5.5	-.1
April	5.4	5.5	.1
May	5.6	5.5	-.1
June	5.3	5.3	0
July	5.4	5.4	0
August	5.1	5.2	.1
September	5.2	5.2	0
October	5.2	5.2	0
November	5.4	5.3	-.1
December	¹ 5.4	5.3	-.1

¹ This rate reflects the use of seasonal factors projected for December 1996 as published in the July 1996 issue of *Employment and Earnings* and was subject to revision before regular publication of December data.

For each labor force series which has been extended based on an ARIMA model, the model has been specifically chosen as well suited to the particular series, based on a set of established criteria. The criteria essentially require a model to: (1) Fit the series well, (2) have low average forecasting errors in the last 3 years prior to the projected year, and (3) produce residuals (the differences between the observed values and the values forecast by the model for the observed period) which follow a random pattern. Acceptable ARIMA models have been identified and were used for 167 of the 173 labor force series which were directly adjusted at the end of 1996, including all 12 major civilian labor force components, whose ARIMA models are unchanged since last year and are shown in table 3. The 6 remaining series for which acceptable models have not been identified were simply run through the X-11 part of the program without any ARIMA extrapolations.

X-11 procedures. The procedures used for this year's adjustment of the labor force series within the X-11 part of the process were different from the standard procedures of most previous years in two respects.

First, prior adjustment factors identical to those used last year were used in these X-11 ARIMA runs to link the pre-1994 data with the subsequent data for purposes of seasonal adjustment.⁴ The prior adjustment factors used for the 12 major components are shown in table 1 alongside the seasonal factors.

Second, a 7-year time period, including data from January 1990 through December 1996, was used for the adjustment of all the labor force series, instead of the usual 10-year span. This was done primarily for the sake of keeping the seasonal adjustment process no more complicated than it has to be to serve its principal objectives. Because the population-related revisions to the unadjusted data discussed

⁴ For further discussion of those prior adjustment factors, see "Revisions in Household Survey Data Effective February 1996" in the March 1996 issue of this publication.

in the March 1996 version of this article could be done only back to 1990, inclusion of pre-1990 data in these runs would have required the computation and use of additional prior adjustment factors for many series that would have had little or no effect on the seasonal adjustment of current data.

In one respect, this year's seasonal adjustment reflects a return to standard procedure. Because 3 complete years of data incorporating the 1994 changes to the CPS were now available, it was appropriate to revert to the use of the standard "3x5" seasonal factor moving averages in place of the shorter "3x3" ones which had been used since the 1994 data began to be involved in the process.

The X-11 method of seasonal adjustment contained in the X-11 ARIMA procedure assumes that the original series, including the 12 extrapolated observations if an ARIMA model has been applied, is either the product or the sum of three components—trend-cycle, seasonal, and irregular. The method uses either a ratio-to- or difference-from-moving-average approach to estimate the components, depending on whether the multiplicative or additive model is used. The seasonally adjusted series values are computed by dividing each month's original value by the corresponding seasonal factor if the multiplicative model is used, or by subtracting the factor if the additive model is used. Of the 12 major civilian labor force components, the 4 teenage unemployment and nonagricultural employment series were adjusted using the additive model, and the other 8 series with the multiplicative model. Of all the 173 directly adjusted series, 48 were adjusted with the additive model, including most teenage employment and unemployment series, for which the seasonal components were found to be fairly independent of the trend-cycle.

Moving-holiday adjustment. Two of the series directly adjusted with multiplicative models were seasonally adjusted using the moving-holiday extension of X-11 ARIMA which was developed at BLS. Both holiday-adjusted series—at

Table 3. ARIMA models used in end-of-1996 seasonal adjustment for the 12 major civilian labor force components

Series	Model	Transformation
Agricultural employment:		
Men, 20 years and over	(1,0,0)(0,1,1)	LOG
Women, 20 years and over	(0,1,1)(0,1,1)	LOG
Men, 16 to 19 years	(0,1,2)(0,1,1)	NONE
Women, 16 to 19 years	(2,1,2)(0,1,1)	NONE
Nonagricultural employment:		
Men, 20 years and over	(0,1,1)(0,1,1)	LOG
Women, 20 years and over	(0,1,4)(0,1,1)	LOG
Men, 16 to 19 years	(2,1,0)(0,1,1)	NONE
Women, 16 to 19 years	(2,1,0)(0,1,1)	NONE
Unemployment:		
Men, 20 years and over	(0,1,3)(0,1,1)	LOG
Women, 20 years and over	(0,1,1)(0,1,1)	LOG
Men, 16 to 19 years	(0,1,1)(0,1,1)	NONE
Women, 16 to 19 years	(2,1,2)(0,1,1)	NONE

work on part-time schedules for noneconomic reasons, usually work part time, all industries and nonagricultural industries—had tested as having significant and well-defined effects in their April data related to the timing of Easter. A detailed discussion of the nature of the Easter effect in these series and of the procedure used to control for it as part of the seasonal adjustment process was included in the January 1990 version of this article.

Six-month updates. The current official practice for the seasonal adjustment of the labor force series involves the running of all directly adjusted series through X-11 ARIMA twice each year, after receipt of June and December data, with 6 months of projected factors drawn from each run and historical revisions drawn from the end-of-year run. This practice allows, among other things, the prior publication of seasonal factors, which historically has been regarded by the Bureau of Labor Statistics and other statistical agencies as an important way of ensuring the openness of their seasonal adjustment procedures, especially where very sensitive indicators such as the unemployment rate have been involved. A number of research studies, including a 1987 paper on the labor force series,⁵ have indicated that the alternative practice of concurrent adjustment, where the seasonal adjustment procedure is run with all available data each month and factors cannot be published ahead of time, generally produces initial seasonally adjusted estimates requiring smaller revisions than those produced by adjustment using projected factors. The BLS is continuing to compute and evaluate concurrent adjustment for the labor force series.

Aggregation procedures

BLS maintains and publishes several hundred seasonally adjusted labor force series in addition to the 173 directly adjusted series discussed above. These additional series are produced by arithmetically combining or aggregating the directly adjusted series with each other or, in some cases, with series on population which are not seasonally adjusted because they are not considered to have any significant seasonal variation. For example, the seasonally adjusted levels of total unemployment, civilian employment, and civilian labor force, and the seasonally adjusted unemployment rate for all civilian workers, are all produced by aggregation of some or all of the seasonally adjusted results for the 12 major civilian labor force components. The seasonally adjusted level of total unemployment is the sum of the seasonally adjusted levels of unemployment for the four age-sex groups—men and women 16 to 19, and men and women 20 years and over. Seasonally adjusted civilian employment is the sum of the seasonally adjusted levels of employment for the eight employment components—the same four age-sex

⁵ G.R. Methee and R.J. McIntire, "An Evaluation of Concurrent Seasonal Adjustment for the Major Labor Force Series," in the 1987 *Proceedings of the Business and Economic Statistics Section*, American Statistical Association.

groups as noted above employed in nonagricultural and agricultural industries. The seasonally adjusted civilian labor force is the sum of all 12 components. The seasonally adjusted civilian unemployment rate is calculated by taking the total seasonally adjusted unemployment level as a percent of the total seasonally adjusted civilian labor force.

The principal reason for producing many of the major seasonally adjusted estimates for the labor force by aggregation rather than by direct adjustment is that this approach ensures that the major seasonally adjusted totals will be arithmetically consistent with at least one major set of components. If the totals were directly adjusted along with the components, such consistency would not, in all likelihood, occur, since the X-11 is not a sum-preserving procedure; that is, the sum of the result for two or more directly adjusted series will not generally be the same as the result of directly adjusting the sum of the unadjusted versions of the same series. Another factor is that it would generally be inappropriate to apply seasonal factors computed for an aggregate series to the components of the aggregate. The various labor force components tend to have significantly different patterns of seasonal variation; for example, teenage unemployment tends to peak in June, while unemployment of adult men tends to peak in the winter months of January and February. In order to estimate properly these varying seasonal patterns, it is necessary to adjust the components directly. Of course, one of the implications of producing seasonally adjusted estimates for many major series by aggregation is that exact factors cannot be projected for those series. However, implicit seasonal adjustment factors can be calculated after the fact by taking the ratio of the unadjusted aggregate to the seasonally adjusted aggregate, or, for additive implicit factors, the difference between those two aggregates.

Availability of revised series

This issue of *Employment and Earnings* contains revised monthly and quarterly data for the most recent 13 months and 12 calendar quarters for many seasonally adjusted labor force series. These revisions replace the seasonally adjusted estimates previously published for those periods. Revised historical seasonally adjusted labor force data also are available in various forms on the Internet (stats.bls.gov), including ftp access (<ftp://stats.bls.gov/pub/special.requests/lf>) to all the revised data. The seasonally adjusted data last published for 1993 and earlier years were not further revised.

The January-June 1997 factors for any of the directly adjusted series beyond the 12 major components can be obtained from BLS upon request. Requests for the seasonal factors or inquiries concerning the seasonal adjustment methodology used for the labor force data should be addressed to the Division of Data Development and Publications, Office of Employment and Unemployment Statistics, Bureau of Labor Statistics, Washington, DC 20212.

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

(Numbers in thousands)

Category	1995	1996											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Labor force status													
Civilian noninstitutional population	199,508	199,634	199,773	199,921	200,101	200,278	200,459	200,641	200,847	201,061	201,273	201,463	201,636
Civilian labor force	132,422	132,899	133,070	133,464	133,427	133,759	133,709	134,165	133,898	134,291	134,636	134,831	135,022
Percent of population	66.4	66.6	66.6	66.8	66.7	66.8	66.7	66.9	66.7	66.8	66.9	66.9	67.0
Employed	125,068	125,311	125,706	126,062	126,125	126,428	126,590	126,889	126,988	127,248	127,617	127,644	127,855
Percent of population	62.7	62.8	62.9	63.1	63.0	63.1	63.2	63.2	63.2	63.3	63.4	63.4	63.4
Unemployed	7,354	7,588	7,364	7,402	7,302	7,331	7,119	7,276	6,910	7,043	7,019	7,187	7,167
Not in labor force	67,086	66,735	66,703	66,457	66,674	66,519	66,750	66,476	66,949	66,770	66,637	66,632	66,614
Unemployment rates													
All workers	5.6	5.7	5.5	5.5	5.5	5.5	5.3	5.4	5.2	5.2	5.2	5.3	5.3
Men, 20 years and over	4.9	4.9	4.8	4.9	4.8	4.7	4.6	4.6	4.2	4.5	4.4	4.4	4.4
Women, 20 years and over	4.6	5.1	4.8	4.8	4.7	4.9	4.7	4.9	4.7	4.6	4.7	4.8	4.9
Both sexes, 16 to 19 years	17.9	17.8	17.0	17.1	16.8	16.6	16.2	16.7	17.0	16.0	16.3	16.8	16.5
White	4.9	5.0	4.8	4.8	4.8	4.8	4.6	4.7	4.5	4.5	4.5	4.6	4.6
Black	10.2	10.6	10.3	10.8	10.5	10.3	10.2	10.5	10.4	10.7	10.7	10.6	10.5
Hispanic origin	9.6	9.4	9.5	9.8	9.5	9.2	8.8	8.9	8.8	8.3	8.2	8.3	7.7

NOTE: Seasonally adjusted data have been revised based on the additional information. experience through December 1996. See the article in this issue for

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

(Numbers in thousands)

Industry	1995	1996											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Employment													
Total	118,136	118,070	118,579	118,750	118,922	119,332	119,537	119,772	120,052	120,050	120,311	120,438	120,700
Total private	98,789	98,734	99,214	99,356	99,527	99,873	100,091	100,288	100,446	100,531	100,803	100,953	101,184
Goods-producing industries	24,160	24,112	24,254	24,196	24,209	24,263	24,274	24,264	24,298	24,257	24,284	24,308	24,348
Mining	570	569	573	574	573	576	575	570	570	567	566	567	565
Construction	5,223	5,234	5,349	5,341	5,353	5,384	5,401	5,427	5,437	5,449	5,464	5,487	5,510
Manufacturing	18,367	18,309	18,332	18,281	18,283	18,303	18,298	18,267	18,291	18,241	18,254	18,254	18,273
Service-producing industries	93,976	93,958	94,325	94,554	94,713	95,069	95,263	95,508	95,754	95,793	96,027	96,130	96,352
Transportation and public utilities	6,249	6,254	6,270	6,292	6,294	6,309	6,329	6,333	6,342	6,337	6,338	6,355	6,360
Wholesale trade	6,498	6,512	6,529	6,548	6,550	6,567	6,575	6,585	6,603	6,619	6,643	6,648	6,657
Retail trade	21,334	21,268	21,340	21,350	21,415	21,485	21,568	21,671	21,672	21,702	21,803	21,835	21,883
Finance, insurance, and real estate	6,887	6,894	6,919	6,931	6,942	6,964	6,967	6,987	6,999	7,009	7,026	7,036	7,053
Services	33,661	33,694	33,902	34,039	34,117	34,285	34,378	34,448	34,532	34,607	34,709	34,771	34,883
Government	19,347	19,336	19,365	19,394	19,395	19,459	19,446	19,484	19,606	19,519	19,508	19,485	19,516
Over-the-month change													
Total	237	-66	509	171	172	410	205	235	260	-2	261	127	262
Total private	228	-55	480	142	171	346	218	197	158	85	272	150	231
Goods-producing industries	27	-48	142	-58	13	54	11	-10	34	-41	27	24	40
Mining	1	-1	4	1	-1	3	-1	-5	0	-3	-1	1	-2
Construction	12	11	115	-8	12	31	17	26	10	12	15	23	23
Manufacturing	14	-58	23	-51	2	20	-5	-31	24	-50	13	0	19
Service-producing industries	210	-18	367	229	159	356	194	245	246	39	234	103	222
Transportation and public utilities	16	5	16	22	2	15	20	4	9	-5	1	17	5
Wholesale trade	20	14	17	19	2	17	8	10	18	16	24	5	9
Retail trade	34	-66	72	10	65	70	83	103	1	30	101	32	48
Finance, insurance, and real estate	16	7	25	12	11	22	3	20	12	10	17	10	17
Services	115	33	208	137	78	168	93	70	84	75	102	62	112
Government	9	-11	29	29	1	64	-13	38	122	-87	-11	-23	31
Hours of work ¹													
Total private	34.3	33.8	34.5	34.5	34.3	34.2	34.7	34.2	34.4	34.7	34.3	34.5	34.8
Manufacturing	41.2	40.0	41.4	41.3	41.5	41.7	41.8	41.6	41.7	41.7	41.7	41.7	42.0
Overtime	4.2	4.1	4.3	4.3	4.6	4.6	4.6	4.4	4.5	4.5	4.4	4.5	4.7
Indexes of aggregate weekly hours (1982 = 100) ¹													
Total private	134.3	131.7	135.5	135.5	135.2	135.3	137.7	136.1	136.9	138.0	137.1	138.0	139.2
Manufacturing	105.6	102.0	105.9	105.2	105.7	106.2	106.5	105.8	106.3	105.9	105.9	106.0	106.9
Earnings ¹													
Average hourly earnings, total private:													
Current dollars	\$11.61	\$11.62	\$11.65	\$11.68	\$11.72	\$11.74	\$11.83	\$11.81	\$11.87	\$11.91	\$11.90	\$11.99	\$12.05
Constant (1982) dollars ²	7.44	7.41	7.42	7.40	7.40	7.39	7.44	7.41	7.45	7.45	7.42	7.45	N.A.
Average weekly earnings, total private	398.22	392.76	401.93	402.96	402.00	401.51	410.50	403.90	408.33	413.28	408.17	413.66	\$419.34

¹ Data relate to private production or nonsupervisory workers.

N.A. = not available.

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

^P = preliminary.

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

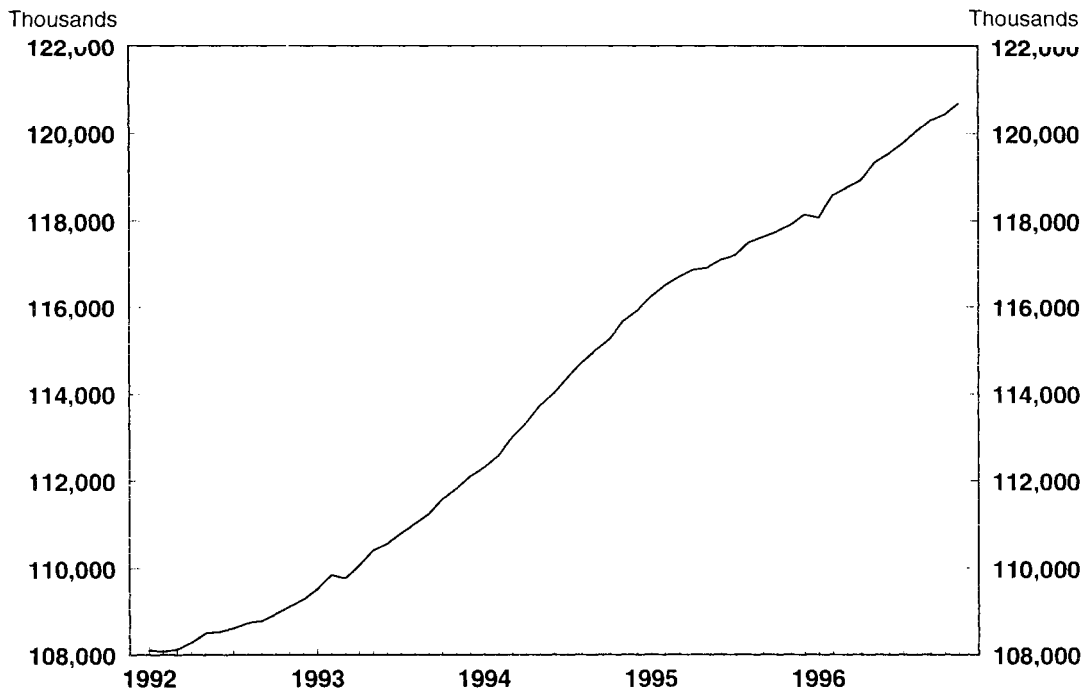
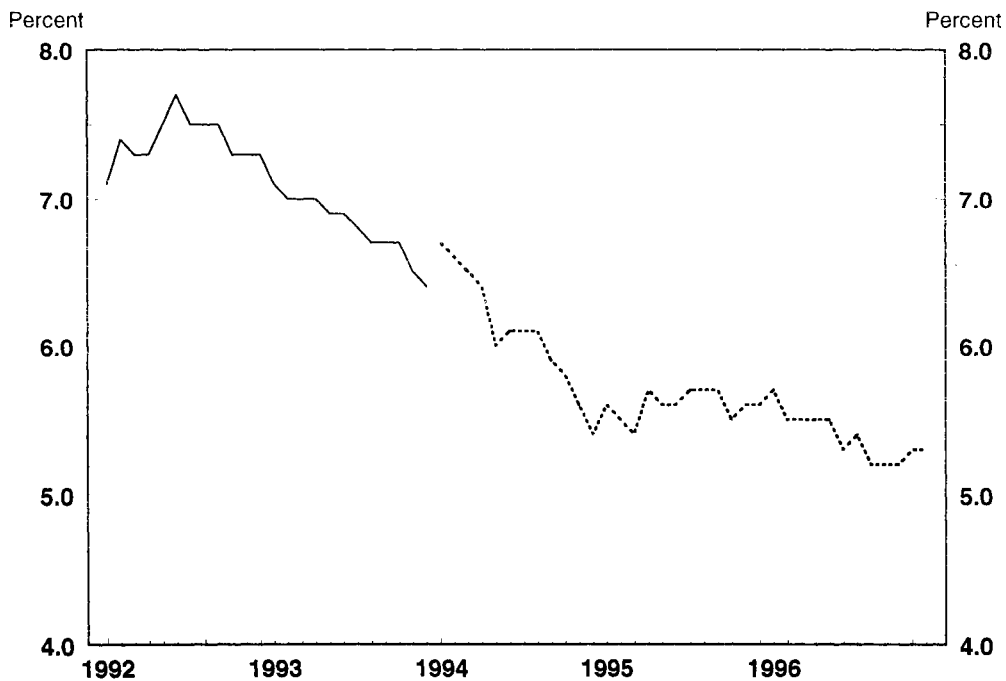


Chart 2. Unemployment rate, seasonally adjusted, 1992-96



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. Data for 1994-96 have been revised based on the experience through December 1996.

**HOUSEHOLD DATA
HISTORICAL**

A-1. Employment status of the civilian noninstitutional population 16 years and over, 1963 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	
Annual averages										
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 ¹	144,126	87,034	60.4	82,153	57.0	3,484	78,669	4,882	5.6	57,091
1973 ¹	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 ¹	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 ¹	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 ²	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 ²	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
1996	200,591	133,943	66.8	126,708	63.2	3,443	123,264	7,236	5.4	66,647
Monthly data, seasonally adjusted ³										
1995:										
December	199,508	132,422	66.4	125,068	62.7	3,344	121,724	7,354	5.6	67,086
1996:										
January	199,634	132,899	66.6	125,311	62.8	3,498	121,813	7,588	5.7	66,735
February	199,773	133,070	66.6	125,706	62.9	3,499	122,207	7,364	5.5	66,703
March	199,921	133,464	66.8	126,062	63.1	3,470	122,592	7,402	5.5	66,457
April	200,101	133,427	66.7	126,125	63.0	3,412	122,713	7,302	5.5	66,674
May	200,278	133,759	66.8	126,428	63.1	3,474	122,954	7,331	5.5	66,519
June	200,459	133,709	66.7	126,590	63.2	3,408	123,182	7,119	5.3	66,750
July	200,641	134,165	66.9	126,889	63.2	3,470	123,419	7,276	5.4	66,476
August	200,847	133,898	66.7	126,988	63.2	3,418	123,570	6,910	5.2	66,949
September	201,061	134,291	66.8	127,248	63.3	3,480	123,768	7,043	5.2	66,770
October	201,273	134,636	66.9	127,617	63.4	3,450	124,167	7,019	5.2	66,637
November	201,463	134,831	66.9	127,644	63.4	3,354	124,290	7,187	5.3	66,632
December	201,636	135,022	67.0	127,855	63.4	3,426	124,429	7,167	5.3	66,614

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

² 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. Seasonally adjusted data shown in tables A-1 through A-12 have been revised based on the experience through December 1996. Data for 1994-96 are subject to revision. See the article in this issue for additional information.

³ The population figures are not adjusted for seasonal variation.

**HOUSEHOLD DATA
HISTORICAL**

A-2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1986 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	
Annual averages										
MEN										
1986 ¹	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 ²	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
1996	96,206	72,087	74.9	68,207	70.9	2,573	65,634	3,880	5.4	24,119
Monthly data, seasonally adjusted³										
1995:										
December	95,661	71,363	74.6	67,290	70.3	2,451	64,839	4,073	5.7	24,298
1996:										
January	95,713	71,586	74.8	67,527	70.6	2,592	64,935	4,059	5.7	24,127
February	95,786	71,744	74.9	67,742	70.7	2,597	65,145	4,002	5.6	24,042
March	95,864	71,936	75.0	67,856	70.8	2,577	65,279	4,080	5.7	23,928
April	95,955	71,922	75.0	67,932	70.8	2,532	65,400	3,990	5.5	24,033
May	96,048	72,120	75.1	68,188	71.0	2,584	65,604	3,932	5.5	23,928
June	96,140	72,110	75.0	68,251	71.0	2,535	65,716	3,859	5.4	24,030
July	96,230	72,317	75.2	68,376	71.1	2,585	65,791	3,941	5.4	23,913
August	96,335	71,961	74.7	68,368	71.0	2,550	65,818	3,593	5.0	24,374
September	96,447	72,087	74.7	68,304	70.8	2,592	65,712	3,783	5.2	24,360
October	96,556	72,363	74.9	68,647	71.1	2,607	66,040	3,716	5.1	24,193
November	96,654	72,362	74.9	68,589	71.0	2,525	66,064	3,773	5.2	24,292
December	96,742	72,414	74.9	68,707	71.0	2,618	66,089	3,707	5.1	24,328
Annual averages										
WOMEN										
1986 ¹	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 ²	102,460	60,239	58.8	56,610	55.3	855	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
1996	104,385	61,857	59.3	58,501	56.0	871	57,630	3,356	5.4	42,528
Monthly data, seasonally adjusted³										
1995:										
December	103,847	61,059	58.8	57,778	55.6	893	56,885	3,281	5.4	42,788
1996:										
January	103,921	61,313	59.0	57,784	55.6	906	56,878	3,529	5.8	42,608
February	103,986	61,326	59.0	57,984	55.7	902	57,062	3,362	5.5	42,660
March	104,058	61,528	59.1	58,206	55.9	893	57,313	3,322	5.4	42,530
April	104,146	61,505	59.1	58,193	55.9	880	57,313	3,312	5.4	42,641
May	104,230	61,639	59.1	58,240	55.9	890	57,350	3,399	5.5	42,591
June	104,319	61,599	59.0	58,339	55.9	873	57,466	3,260	5.3	42,720
July	104,411	61,848	59.2	58,513	56.0	885	57,628	3,335	5.4	42,563
August	104,512	61,937	59.3	58,620	56.1	868	57,752	3,317	5.4	42,575
September	104,614	62,204	59.5	58,944	56.3	888	58,056	3,260	5.2	42,410
October	104,717	62,273	59.5	58,970	56.3	843	58,127	3,303	5.3	42,444
November	104,809	62,469	59.6	59,055	56.3	829	58,226	3,414	5.5	42,340
December	104,894	62,608	59.7	59,148	56.4	808	58,340	3,460	5.5	42,286

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

² 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. Seasonally adjusted data have been revised based on the experience through December 1996. Data for 1994-96 are subject to revision. See the article in this issue for additional information.

³ The population figures are not adjusted for seasonal variation.

**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										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL													
Civilian noninstitutional population ¹	199,508	199,634	199,773	199,921	200,101	200,278	200,459	200,641	200,847	201,061	201,273	201,463	201,636
Civilian labor force	132,422	132,899	133,070	133,464	133,427	133,759	133,709	134,165	133,898	134,291	134,636	134,831	135,022
Percent of population	66.4	66.6	66.6	66.8	66.7	66.8	66.7	66.9	66.7	66.8	66.9	66.9	67.0
Employed	125,068	125,311	125,706	126,062	126,125	126,428	126,590	126,889	126,988	127,248	127,617	127,644	127,855
Employment-population ratio	62.7	62.8	62.9	63.1	63.0	63.1	63.2	63.2	63.2	63.3	63.4	63.4	63.4
Unemployed	7,354	7,588	7,364	7,402	7,302	7,331	7,119	7,276	6,910	7,043	7,019	7,187	7,167
Unemployment rate	5.6	5.7	5.5	5.5	5.5	5.5	5.3	5.4	5.2	5.2	5.2	5.3	5.3
Men, 16 years and over													
Civilian noninstitutional population ¹	95,661	95,713	95,786	95,864	95,955	96,048	96,140	96,230	96,335	96,447	96,556	96,654	96,742
Civilian labor force	71,363	71,586	71,744	71,936	71,922	72,120	72,110	72,317	71,961	72,087	72,363	72,362	72,414
Percent of population	74.6	74.8	74.9	75.0	75.0	75.1	75.0	75.2	74.7	74.7	74.9	74.9	74.9
Employed	67,290	67,527	67,742	67,856	67,932	68,188	68,251	68,376	68,368	68,304	68,647	68,589	68,707
Employment-population ratio	70.3	70.6	70.7	70.8	70.8	71.0	71.0	71.1	71.0	70.8	71.1	71.0	71.0
Agriculture	2,451	2,592	2,597	2,577	2,532	2,584	2,535	2,585	2,550	2,592	2,607	2,525	2,618
Nonagricultural industries	64,839	64,935	65,145	65,279	65,400	65,604	65,716	65,791	65,818	65,712	66,040	66,064	66,089
Unemployed	4,073	4,059	4,002	4,080	3,990	3,932	3,859	3,941	3,593	3,783	3,716	3,773	3,707
Unemployment rate	5.7	5.7	5.6	5.7	5.5	5.5	5.4	5.4	5.0	5.2	5.1	5.2	5.1
Not in labor force	24,298	24,127	24,042	23,928	24,033	23,928	24,030	23,913	24,374	24,360	24,193	24,292	24,328
Men, 20 years and over													
Civilian noninstitutional population ¹	88,172	88,223	88,296	88,366	88,440	88,530	88,570	88,614	88,650	88,733	88,840	88,971	89,040
Civilian labor force	67,303	67,556	67,688	67,886	67,829	67,996	68,088	68,222	68,044	68,056	68,273	68,391	68,369
Percent of population	76.3	76.6	76.7	76.8	76.7	76.8	76.9	77.0	76.8	76.7	76.8	76.9	76.8
Employed	63,997	64,258	64,416	64,562	64,573	64,788	64,933	65,071	65,165	64,978	65,299	65,349	65,367
Employment-population ratio	72.6	72.8	73.0	73.1	73.0	73.2	73.3	73.4	73.5	73.2	73.5	73.4	73.4
Agriculture	2,257	2,382	2,371	2,376	2,310	2,342	2,318	2,366	2,347	2,366	2,400	2,355	2,356
Nonagricultural industries	61,740	61,876	62,045	62,186	62,263	62,446	62,615	62,705	62,818	62,612	62,899	62,994	63,011
Unemployed	3,306	3,298	3,272	3,324	3,256	3,208	3,155	3,151	2,879	3,078	2,974	3,042	3,002
Unemployment rate	4.9	4.9	4.8	4.9	4.8	4.7	4.6	4.6	4.2	4.5	4.4	4.4	4.4
Not in labor force	20,869	20,667	20,608	20,480	20,611	20,534	20,482	20,392	20,606	20,677	20,567	20,580	20,671
Women, 16 years and over													
Civilian noninstitutional population ¹	103,847	103,921	103,986	104,058	104,146	104,230	104,319	104,411	104,512	104,614	104,717	104,809	104,894
Civilian labor force	61,059	61,313	61,326	61,528	61,505	61,639	61,599	61,848	61,937	62,204	62,273	62,469	62,608
Percent of population	58.8	59.0	59.0	59.1	59.1	59.1	59.0	59.2	59.3	59.5	59.5	59.6	59.7
Employed	57,778	57,784	57,964	58,206	58,193	58,240	58,339	58,513	58,620	58,944	58,970	59,055	59,148
Employment-population ratio	55.6	55.6	55.7	55.9	55.9	55.9	55.9	56.0	56.1	56.3	56.3	56.3	56.4
Agriculture	893	906	902	893	880	890	873	885	868	888	843	829	808
Nonagricultural industries	56,885	56,878	57,062	57,313	57,313	57,350	57,466	57,628	57,752	58,056	58,127	58,226	58,340
Unemployed	3,281	3,529	3,362	3,322	3,312	3,399	3,260	3,335	3,317	3,260	3,303	3,414	3,460
Unemployment rate	5.4	5.8	5.5	5.4	5.4	5.5	5.3	5.4	5.4	5.2	5.3	5.5	5.5
Not in labor force	42,788	42,608	42,660	42,530	42,641	42,591	42,720	42,563	42,575	42,410	42,444	42,340	42,286
Women, 20 years and over													
Civilian noninstitutional population ¹	96,633	96,717	96,757	96,798	96,857	96,925	96,999	97,064	97,146	97,226	97,290	97,366	97,457
Civilian labor force	57,334	57,594	57,618	57,803	57,817	57,885	57,909	58,139	58,230	58,349	58,432	58,574	58,728
Percent of population	59.3	59.5	59.5	59.7	59.7	59.7	59.7	59.9	59.9	60.0	60.1	60.2	60.3
Employed	54,680	54,684	54,845	55,054	55,075	55,067	55,196	55,315	55,498	55,644	55,681	55,753	55,871
Employment-population ratio	56.6	56.5	56.7	56.9	56.9	56.8	56.9	57.0	57.1	57.2	57.2	57.3	57.3
Agriculture	831	849	845	842	842	831	835	847	826	844	800	786	772
Nonagricultural industries	53,849	53,835	54,000	54,212	54,233	54,236	54,361	54,468	54,672	54,800	54,881	54,967	55,099
Unemployed	2,654	2,910	2,773	2,749	2,742	2,818	2,713	2,824	2,732	2,705	2,751	2,821	2,857
Unemployment rate	4.6	5.1	4.8	4.8	4.7	4.9	4.7	4.9	4.7	4.6	4.7	4.8	4.9
Not in labor force	39,299	39,123	39,139	38,995	39,040	39,040	39,090	38,925	38,916	38,877	38,858	38,792	38,729
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	14,703	14,694	14,719	14,757	14,805	14,823	14,890	14,963	15,051	15,101	15,143	15,126	15,139
Civilian labor force	7,785	7,749	7,764	7,775	7,781	7,787	7,712	7,804	7,624	7,886	7,931	7,866	7,925
Percent of population	52.9	52.7	52.7	52.7	52.6	53.1	51.8	52.2	50.7	52.2	52.4	52.0	52.3
Employed	6,391	6,369	6,445	6,446	6,477	6,573	6,461	6,503	6,325	6,626	6,637	6,542	6,617
Employment-population ratio	43.5	43.3	43.8	43.7	43.7	44.3	43.4	43.5	42.0	43.9	43.8	43.3	43.7
Agriculture	256	267	283	252	260	301	255	257	245	270	250	213	298
Nonagricultural industries	6,135	6,102	6,162	6,194	6,217	6,272	6,206	6,246	6,080	6,356	6,387	6,329	6,319
Unemployed	1,394	1,380	1,319	1,329	1,304	1,305	1,251	1,301	1,299	1,260	1,294	1,324	1,308
Unemployment rate	17.9	17.8	17.0	17.1	16.8	16.6	16.2	16.7	17.0	16.0	16.3	16.8	16.5
Not in labor force	6,918	6,945	6,955	6,982	7,024	6,945	7,178	7,159	7,427	7,215	7,212	7,260	7,214

¹ 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. Seasonally adjusted data have been revised based on the experience through December 1996. See the article in this issue for additional information.

**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										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
WHITE													
Civilian noninstitutional population ¹	167,545	167,669	167,757	167,853	167,973	168,098	168,222	168,345	168,489	168,639	168,788	168,924	169,044
Civilian labor force	112,025	112,207	112,651	112,827	112,720	113,025	112,940	113,139	112,904	113,334	113,625	113,816	113,991
Percent of population	66.9	66.9	67.2	67.2	67.1	67.2	67.1	67.2	67.0	67.2	67.3	67.4	67.4
Employed	106,525	106,631	107,192	107,398	107,364	107,576	107,733	107,862	107,853	108,217	108,527	108,570	108,734
Employment-population ratio	63.6	63.6	63.9	64.0	63.9	64.0	64.0	64.1	64.0	64.2	64.3	64.3	64.3
Unemployed	5,500	5,576	5,459	5,429	5,356	5,449	5,207	5,277	5,051	5,117	5,098	5,246	5,257
Unemployment rate	4.9	5.0	4.8	4.8	4.8	4.8	4.6	4.7	4.5	4.5	4.5	4.6	4.6
Men, 20 years and over													
Civilian labor force	57,795	57,942	58,141	58,229	58,193	58,261	58,366	58,432	58,347	58,343	58,539	58,549	58,623
Percent of population	76.9	77.0	77.3	77.4	77.3	77.3	77.4	77.4	77.3	77.2	77.4	77.3	77.4
Employed	55,311	55,464	55,681	55,749	55,765	55,861	55,992	56,085	56,143	56,042	56,294	56,276	56,356
Employment-population ratio	73.6	73.7	74.0	74.1	74.0	74.1	74.3	74.3	74.4	74.2	74.4	74.3	74.4
Unemployed	2,484	2,478	2,460	2,480	2,428	2,400	2,374	2,347	2,204	2,301	2,245	2,273	2,267
Unemployment rate	4.3	4.3	4.2	4.3	4.2	4.1	4.1	4.0	3.8	3.9	3.8	3.9	3.9
Women, 20 years and over													
Civilian labor force	47,696	47,687	47,927	48,051	47,977	48,114	47,992	48,074	48,162	48,314	48,380	48,558	48,686
Percent of population	59.0	59.0	59.3	59.4	59.3	59.4	59.2	59.3	59.4	59.5	59.6	59.8	59.9
Employed	45,684	45,607	45,885	46,062	45,984	46,010	46,075	46,097	46,232	46,394	46,439	46,530	46,614
Employment-population ratio	56.5	56.4	56.7	56.9	56.8	56.8	56.9	56.9	57.0	57.2	57.2	57.3	57.3
Unemployed	2,012	2,080	2,042	1,989	1,993	2,104	1,917	1,977	1,930	1,920	1,941	2,028	2,072
Unemployment rate	4.2	4.4	4.3	4.1	4.2	4.4	4.0	4.1	4.0	4.0	4.0	4.2	4.3
Both sexes, 16 to 19 years													
Civilian labor force	6,534	6,578	6,583	6,547	6,550	6,650	6,582	6,633	6,395	6,677	6,706	6,709	6,682
Percent of population	56.3	56.6	56.5	56.0	55.9	56.5	55.7	56.0	53.8	56.0	56.1	56.0	55.6
Employed	5,530	5,560	5,626	5,587	5,615	5,705	5,666	5,680	5,478	5,781	5,794	5,764	5,764
Employment-population ratio	47.7	47.8	48.3	47.8	47.9	48.5	48.0	48.0	46.1	48.5	48.5	48.1	48.0
Unemployed	1,004	1,018	957	960	935	945	916	953	917	896	912	945	918
Unemployment rate	15.4	15.5	14.5	14.7	14.3	14.2	13.9	14.4	14.3	13.4	13.6	14.1	13.7
Men	16.1	16.3	15.4	15.9	15.3	15.3	14.9	16.1	15.7	14.8	15.4	15.5	14.8
Women	14.6	14.6	13.6	13.3	13.1	13.0	12.8	12.4	12.9	11.9	11.6	12.6	12.6
BLACK													
Civilian noninstitutional population ¹	23,419	23,424	23,455	23,485	23,519	23,549	23,579	23,611	23,650	23,690	23,728	23,762	23,794
Civilian labor force	14,943	14,982	14,862	15,019	15,004	15,138	15,010	15,212	15,297	15,184	15,276	15,290	15,306
Percent of population	63.8	64.0	63.4	64.0	63.8	64.3	63.7	64.4	64.7	64.1	64.4	64.3	64.3
Employed	13,413	13,388	13,326	13,401	13,432	13,584	13,478	13,612	13,699	13,566	13,647	13,673	13,693
Employment-population ratio	57.3	57.2	56.8	57.1	57.1	57.7	57.2	57.7	57.9	57.3	57.5	57.5	57.5
Unemployed	1,530	1,594	1,536	1,618	1,572	1,554	1,532	1,600	1,598	1,618	1,629	1,617	1,613
Unemployment rate	10.2	10.6	10.3	10.8	10.5	10.3	10.2	10.5	10.4	10.7	10.7	10.6	10.5
Men, 20 years and over													
Civilian labor force	6,713	6,741	6,743	6,776	6,724	6,793	6,757	6,848	6,874	6,834	6,838	6,899	6,833
Percent of population	71.8	72.1	72.0	72.3	71.6	72.3	71.8	72.7	73.0	72.6	72.4	72.7	72.0
Employed	6,057	6,109	6,076	6,080	6,081	6,144	6,133	6,212	6,301	6,174	6,199	6,264	6,235
Employment-population ratio	64.8	65.3	64.9	64.8	64.8	65.4	65.2	65.9	66.9	65.6	65.6	66.0	65.7
Unemployed	656	632	667	696	643	649	624	636	573	660	639	635	598
Unemployment rate	9.8	9.4	9.9	10.3	9.6	9.6	9.2	9.3	8.3	9.7	9.3	9.2	8.8
Women, 20 years and over													
Civilian labor force	7,287	7,329	7,249	7,304	7,319	7,374	7,377	7,457	7,477	7,435	7,487	7,499	7,544
Percent of population	62.0	62.3	61.6	62.0	62.0	62.4	62.4	63.0	63.1	62.7	63.0	63.0	63.3
Employed	6,742	6,679	6,666	6,689	6,706	6,757	6,746	6,797	6,802	6,788	6,822	6,833	6,851
Employment-population ratio	57.3	56.8	56.6	56.7	56.8	57.2	57.1	57.4	57.4	57.2	57.4	57.4	57.5
Unemployed	545	650	583	615	613	617	631	660	675	647	665	666	693
Unemployment rate	7.5	8.9	8.0	8.4	8.4	8.4	8.6	8.9	9.0	8.7	8.9	8.9	9.2

See footnotes at end of table.

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										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	943	912	870	939	961	971	876	907	946	915	951	892	929
Percent of population	40.7	39.5	37.6	40.5	41.3	41.5	37.3	38.5	39.6	38.0	39.6	37.5	38.9
Employed	614	600	584	632	645	683	599	603	596	604	626	576	607
Employment-population ratio	26.5	26.0	25.3	27.2	27.7	29.2	25.5	25.6	25.0	25.1	26.1	24.2	25.4
Unemployed	329	312	286	307	316	288	277	304	350	311	325	316	322
Unemployment rate	34.9	34.2	32.9	32.7	32.9	29.7	31.6	33.5	37.0	34.0	34.2	35.4	34.7
Men	38.9	38.1	32.5	36.3	34.9	30.0	36.6	43.0	38.2	37.2	36.5	41.2	38.6
Women	31.0	30.6	33.3	29.1	30.8	29.3	26.9	22.4	35.8	30.9	31.9	30.0	31.2
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	18,889	18,929	18,977	19,025	19,080	19,131	19,184	19,238	19,292	19,346	19,398	19,454	19,505
Civilian labor force	12,390	12,556	12,589	12,543	12,552	12,602	12,624	12,697	12,864	12,871	12,989	13,182	13,150
Percent of population	65.6	66.3	66.3	65.9	65.8	65.9	65.8	66.0	66.7	66.5	67.0	67.8	67.4
Employed	11,204	11,375	11,388	11,320	11,357	11,438	11,510	11,567	11,736	11,801	11,928	12,094	12,141
Employment-population ratio	59.3	60.1	60.0	59.5	59.5	59.8	60.0	60.1	60.8	61.0	61.5	62.2	62.2
Unemployed	1,186	1,181	1,201	1,223	1,195	1,164	1,114	1,130	1,128	1,070	1,061	1,088	1,009
Unemployment rate	9.6	9.4	9.5	9.8	9.5	9.2	8.8	8.9	8.8	8.3	8.2	8.3	7.7

¹ 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

group. Seasonally adjusted data have been revised based on the experience through December 1996. See the article in this issue for additional information.

**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											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
EMPLOYED													
Full-time workers	102,200	102,112	102,560	102,699	102,812	103,362	103,348	103,648	103,733	104,303	104,598	104,645	104,654
Men, 16 years and over	60,091	59,935	60,195	60,271	60,388	60,792	60,713	60,895	60,970	61,096	61,244	61,346	61,289
Men, 20 years and over	58,843	58,780	58,971	59,056	59,216	59,487	59,498	59,660	59,792	59,810	60,021	60,119	60,056
Women, 16 years and over	42,124	42,121	42,313	42,389	42,430	42,542	42,692	42,806	42,793	43,187	43,342	43,303	43,358
Women, 20 years and over	41,328	41,333	41,518	41,612	41,659	41,704	41,843	41,956	42,019	42,351	42,495	42,450	42,451
Both sexes, 16 to 19 years	2,029	1,999	2,071	2,031	1,937	2,171	2,007	2,032	1,922	2,142	2,082	2,076	2,147
Part-time workers	22,894	23,181	23,117	23,287	23,236	23,006	23,187	23,208	23,294	23,163	23,037	23,145	23,222
Men, 16 years and over	7,238	7,550	7,468	7,517	7,504	7,328	7,542	7,507	7,474	7,376	7,397	7,294	7,411
Men, 20 years and over	5,187	5,463	5,388	5,442	5,334	5,174	5,428	5,416	5,449	5,320	5,292	5,255	5,321
Women, 16 years and over	15,643	15,640	15,647	15,749	15,736	15,708	15,664	15,699	15,812	15,776	15,657	15,816	15,802
Women, 20 years and over	13,345	13,341	13,340	13,412	13,395	13,379	13,317	13,331	13,427	13,334	13,191	13,397	13,427
Both sexes, 16 to 19 years	4,362	4,377	4,389	4,433	4,507	4,453	4,442	4,461	4,418	4,509	4,554	4,493	4,474
UNEMPLOYED													
Looking for full-time work	5,919	6,070	5,875	5,943	5,876	5,903	5,688	5,813	5,479	5,644	5,664	5,800	5,754
Men, 16 years and over	3,427	3,361	3,287	3,409	3,365	3,329	3,269	3,269	3,084	3,287	3,216	3,240	3,170
Men, 20 years and over	3,054	3,011	3,017	3,057	3,001	2,940	2,898	2,875	2,636	2,895	2,761	2,816	2,762
Women, 16 years and over	2,514	2,658	2,521	2,502	2,512	2,594	2,462	2,534	2,463	2,389	2,489	2,587	2,608
Women, 20 years and over	2,197	2,370	2,243	2,217	2,233	2,316	2,240	2,341	2,192	2,108	2,218	2,305	2,313
Both sexes, 16 to 19 years	668	689	615	669	642	647	550	597	651	641	685	679	679
Looking for part-time work	1,442	1,479	1,488	1,481	1,448	1,453	1,384	1,481	1,453	1,369	1,368	1,384	1,425
Men, 16 years and over	650	614	665	638	628	617	623	676	604	515	552	570	548
Men, 20 years and over	254	246	273	269	260	270	255	266	260	198	225	227	237
Women, 16 years and over	822	848	834	812	811	826	787	813	839	838	818	830	902
Women, 20 years and over	462	534	519	533	519	525	447	520	538	555	533	513	560
Both sexes, 16 to 19 years	726	699	696	679	669	658	682	695	655	616	610	644	628
UNEMPLOYMENT RATES¹													
Full-time workers	5.5	5.6	5.4	5.5	5.4	5.4	5.2	5.3	5.0	5.1	5.1	5.3	5.2
Men, 16 years and over	5.4	5.3	5.2	5.4	5.3	5.2	5.1	5.1	4.8	5.1	5.0	5.0	4.9
Men, 20 years and over	4.9	4.9	4.9	4.9	4.8	4.7	4.6	4.6	4.2	4.6	4.4	4.5	4.4
Women, 16 years and over	5.6	5.9	5.6	5.6	5.6	5.7	5.5	5.6	5.4	5.2	5.4	5.6	5.7
Women, 20 years and over	5.0	5.4	5.1	5.1	5.1	5.3	5.1	5.3	5.0	4.7	5.0	5.2	5.2
Both sexes, 16 to 19 years	24.8	25.6	22.9	24.8	24.9	23.0	21.5	22.7	25.3	23.0	24.8	24.6	24.0
Part-time workers	5.9	6.0	6.0	6.0	5.9	5.9	5.6	6.0	5.9	5.6	5.6	5.6	5.8
Men, 16 years and over	8.2	7.5	8.2	7.8	7.7	7.8	7.6	8.3	7.5	6.5	6.9	7.2	6.9
Men, 20 years and over	4.7	4.3	4.8	4.7	4.6	5.0	4.5	4.7	4.6	3.6	4.1	4.1	4.3
Women, 16 years and over	5.0	5.1	5.1	4.9	4.9	5.0	4.8	4.9	5.0	5.0	5.0	5.0	5.4
Women, 20 years and over	3.3	3.8	3.7	3.8	3.7	3.8	3.2	3.8	3.9	4.0	3.9	3.7	4.0
Both sexes, 16 to 19 years	14.3	13.8	13.7	13.3	12.9	12.9	13.3	13.5	12.9	12.0	11.8	12.5	12.3

¹ 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.

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

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

(In thousands)

Category	1995	1996											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MARITAL STATUS													
Total	125,068	125,311	125,706	126,062	126,125	126,428	126,590	126,889	126,988	127,248	127,617	127,644	127,855
Married men, spouse present	42,082	42,178	42,297	42,223	42,127	42,395	42,520	42,503	42,588	42,330	42,617	42,631	42,607
Married women, spouse present	32,071	32,117	32,153	32,168	31,983	32,339	32,456	32,634	32,665	32,679	32,537	32,509	32,631
Women who maintain families	7,271	7,281	7,299	7,372	7,366	7,323	7,364	7,253	7,338	7,420	7,392	7,444	7,500
OCCUPATION													
Managerial and professional specialty	35,680	35,706	35,887	36,098	36,116	36,271	36,667	36,505	36,605	36,759	36,917	37,177	37,234
Technical, sales, and administrative support	37,152	37,174	37,328	37,751	37,584	37,615	37,636	37,762	37,818	37,812	37,951	37,821	37,902
Service occupations	16,884	16,847	16,843	16,843	17,033	17,318	17,191	17,281	17,343	17,435	17,295	17,408	17,271
Precision production, craft, and repair	13,467	13,606	13,777	13,602	13,572	13,469	13,559	13,482	13,660	13,681	13,587	13,508	13,574
Operators, fabricators, and laborers	18,226	18,231	18,161	18,106	18,206	18,311	18,159	18,292	18,031	18,069	18,235	18,259	18,310
Farming, forestry, and fishing	3,614	3,753	3,709	3,613	3,561	3,575	3,502	3,565	3,515	3,557	3,565	3,445	3,496
CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,776	1,944	1,933	1,863	1,852	1,957	1,883	1,860	1,814	1,834	1,813	1,829	1,878
Self-employed workers	1,535	1,540	1,529	1,560	1,502	1,472	1,490	1,546	1,525	1,557	1,560	1,464	1,475
Unpaid family workers	42	46	37	43	51	48	36	53	64	91	71	68	66
Nonagricultural industries:													
Wage and salary workers	112,742	112,801	113,188	113,535	113,577	113,940	114,000	114,278	114,539	114,765	115,018	115,133	115,212
Private industries	94,536	94,687	94,955	95,394	95,270	95,700	95,720	95,998	96,274	96,673	96,886	96,863	96,946
Private households	964	936	894	911	873	925	829	930	973	981	992	956	934
Other industries	93,572	93,751	94,061	94,483	94,397	94,775	94,891	95,068	95,301	95,692	95,894	95,907	96,012
Government	18,206	18,114	18,233	18,141	18,307	18,240	18,280	18,280	18,265	18,092	18,132	18,270	18,266
Self-employed workers	8,881	8,927	8,948	9,041	9,045	8,882	9,027	8,984	8,896	8,811	8,967	9,023	9,109
Unpaid family workers	105	91	114	105	104	121	127	128	122	129	137	140	149
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	4,411	4,210	4,429	4,451	4,466	4,311	4,325	4,338	4,339	4,302	4,286	3,983	4,338
Slack work or business conditions	2,492	2,288	2,509	2,507	2,581	2,255	2,391	2,552	2,437	2,398	2,258	2,107	2,353
Could only find part-time work	1,589	1,544	1,608	1,608	1,577	1,704	1,584	1,549	1,596	1,617	1,683	1,559	1,653
Part time for noneconomic reasons	17,406	17,435	17,621	17,743	17,712	17,643	17,960	17,877	18,184	17,823	17,754	17,957	17,868
Nonagricultural industries:													
Part time for economic reasons	4,258	3,940	4,224	4,224	4,251	4,109	4,161	4,150	4,182	4,130	4,118	3,815	4,162
Slack work or business conditions	2,394	2,155	2,362	2,363	2,462	2,136	2,282	2,422	2,310	2,284	2,147	2,001	2,214
Could only find part-time work	1,560	1,509	1,588	1,573	1,543	1,655	1,558	1,517	1,588	1,580	1,647	1,543	1,622
Part time for noneconomic reasons	16,775	16,780	17,002	17,114	17,068	17,039	17,298	17,250	17,555	17,204	17,123	17,313	17,237

¹Persons at work excludes employed persons who were absent from their jobs during the entire reference week for reasons such as vacation, illness, or industrial dispute. Part time for noneconomic reasons excludes persons who usually work full time but worked only 1 to 34 hours during the reference week

for reasons such as holidays, illness, and bad weather.
NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	1995	1996											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	125,068	125,311	125,706	126,062	126,125	126,428	126,590	126,889	126,988	127,248	127,617	127,644	127,855
16 to 24 years	18,557	18,467	18,566	18,696	18,732	18,739	18,558	18,506	18,368	18,766	18,799	18,722	18,771
16 to 19 years	6,391	6,369	6,445	6,446	6,477	6,573	6,461	6,503	6,325	6,626	6,637	6,542	6,617
16 to 17 years	2,557	2,555	2,579	2,634	2,646	2,633	2,661	2,635	2,589	2,708	2,736	2,702	2,672
18 to 19 years	3,826	3,806	3,844	3,803	3,832	3,949	3,828	3,873	3,716	3,946	3,898	3,835	3,919
20 to 24 years	12,166	12,098	12,121	12,250	12,255	12,166	12,097	12,003	12,043	12,140	12,162	12,180	12,154
25 years and over	106,509	106,798	107,134	107,344	107,403	107,656	108,068	108,390	108,755	108,445	108,811	108,894	109,087
25 to 54 years	91,397	91,566	91,860	91,952	92,126	92,303	92,619	92,880	93,165	93,074	93,285	93,387	93,455
55 years and over	15,132	15,171	15,305	15,369	15,221	15,361	15,417	15,493	15,526	15,488	15,535	15,587	15,657
Men, 16 years and over	67,290	67,527	67,742	67,856	67,932	68,188	68,251	68,376	68,368	68,304	68,647	68,589	68,707
16 to 24 years	9,779	9,775	9,736	9,774	9,773	9,842	9,734	9,724	9,592	9,716	9,792	9,660	9,770
16 to 19 years	3,293	3,269	3,326	3,294	3,359	3,400	3,318	3,305	3,203	3,326	3,348	3,240	3,340
16 to 17 years	1,306	1,290	1,307	1,324	1,328	1,331	1,333	1,294	1,247	1,339	1,375	1,324	1,323
18 to 19 years	1,985	1,983	2,012	1,974	2,028	2,070	2,021	2,013	1,926	1,995	1,983	1,915	1,992
20 to 24 years	6,486	6,506	6,410	6,480	6,414	6,442	6,416	6,419	6,389	6,390	6,444	6,420	6,430
25 years and over	57,498	57,714	58,017	58,057	58,136	58,294	58,525	58,676	58,908	58,589	58,854	58,909	58,927
25 to 54 years	49,071	49,250	49,500	49,432	49,568	49,676	49,821	49,966	50,100	49,971	50,144	50,229	50,268
55 years and over	8,484	8,461	8,513	8,600	8,546	8,643	8,689	8,695	8,719	8,660	8,717	8,722	8,717
Women, 16 years and over	57,778	57,784	57,964	58,206	58,193	58,240	58,339	58,513	58,620	58,944	58,970	59,055	59,148
16 to 24 years	8,778	8,692	8,830	8,922	8,959	8,897	8,824	8,782	8,776	9,050	9,007	9,062	9,001
16 to 19 years	3,098	3,100	3,119	3,152	3,118	3,173	3,143	3,198	3,122	3,300	3,289	3,302	3,277
16 to 17 years	1,251	1,265	1,272	1,310	1,318	1,302	1,328	1,341	1,342	1,369	1,361	1,378	1,349
18 to 19 years	1,841	1,823	1,832	1,829	1,804	1,879	1,807	1,860	1,790	1,951	1,915	1,920	1,927
20 to 24 years	5,680	5,592	5,711	5,770	5,841	5,724	5,681	5,584	5,654	5,750	5,718	5,760	5,724
25 years and over	49,011	49,084	49,117	49,287	49,267	49,362	49,543	49,714	49,847	49,856	49,957	49,985	50,160
25 to 54 years	42,326	42,316	42,360	42,520	42,558	42,627	42,798	42,914	43,065	43,103	43,141	43,158	43,187
55 years and over	6,648	6,710	6,792	6,769	6,675	6,718	6,728	6,798	6,807	6,828	6,818	6,865	6,940

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

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

(In thousands)

Age and sex	1995	1996											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	7,354	7,588	7,364	7,402	7,302	7,331	7,119	7,276	6,910	7,043	7,019	7,187	7,167
16 to 24 years	2,626	2,712	2,612	2,616	2,533	2,581	2,481	2,555	2,438	2,442	2,480	2,531	2,526
16 to 19 years	1,394	1,380	1,319	1,329	1,304	1,305	1,251	1,301	1,299	1,260	1,294	1,324	1,308
16 to 17 years	659	643	640	632	621	636	622	637	604	579	599	555	641
18 to 19 years	742	734	643	704	692	667	626	661	692	680	706	788	677
20 to 24 years	1,232	1,332	1,293	1,287	1,229	1,276	1,230	1,254	1,139	1,182	1,186	1,207	1,218
25 years and over	4,784	4,822	4,767	4,788	4,748	4,784	4,625	4,691	4,511	4,612	4,538	4,630	4,696
25 to 54 years	4,214	4,300	4,191	4,166	4,203	4,223	4,047	4,123	3,988	4,080	4,053	4,131	4,147
55 years and over	553	564	568	591	525	561	558	593	505	530	507	493	542
Men, 16 years and over	4,073	4,059	4,002	4,080	3,990	3,932	3,859	3,941	3,593	3,783	3,716	3,773	3,707
16 to 24 years	1,466	1,444	1,464	1,467	1,430	1,444	1,387	1,469	1,303	1,340	1,370	1,378	1,366
16 to 19 years	767	761	730	756	734	724	704	790	714	705	742	731	705
16 to 17 years	354	357	360	356	357	343	344	396	342	319	336	309	343
18 to 19 years	413	401	335	407	391	381	357	387	370	385	409	448	364
20 to 24 years	699	683	734	711	696	720	683	679	589	635	628	647	661
25 years and over	2,610	2,579	2,561	2,595	2,551	2,504	2,466	2,453	2,336	2,445	2,350	2,390	2,337
25 to 54 years	2,305	2,290	2,254	2,268	2,288	2,204	2,144	2,119	2,030	2,168	2,079	2,098	2,032
55 years and over	295	309	305	314	273	296	311	338	292	291	268	283	303
Women, 16 years and over	3,281	3,529	3,362	3,322	3,312	3,399	3,260	3,335	3,317	3,260	3,303	3,414	3,460
16 to 24 years	1,160	1,268	1,148	1,149	1,103	1,137	1,094	1,086	1,135	1,102	1,110	1,153	1,160
16 to 19 years	627	619	589	573	570	581	547	511	585	555	552	593	603
16 to 17 years	305	286	280	276	264	293	278	241	262	260	263	246	298
18 to 19 years	329	333	308	297	301	286	269	274	322	295	297	340	313
20 to 24 years	533	649	559	576	533	556	547	575	550	547	558	560	557
25 years and over	2,174	2,243	2,206	2,193	2,197	2,280	2,159	2,238	2,175	2,167	2,188	2,240	2,359
25 to 54 years	1,909	2,010	1,937	1,898	1,915	2,019	1,903	2,004	1,958	1,912	1,974	2,033	2,115
55 years and over	258	255	263	277	252	265	247	255	213	239	239	210	239

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

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

Age and sex	1995	1996											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	5.6	5.7	5.5	5.5	5.5	5.5	5.3	5.4	5.2	5.2	5.2	5.3	5.3
16 to 24 years	12.4	12.8	12.3	12.3	11.9	12.1	11.8	12.1	11.7	11.5	11.7	11.9	11.9
16 to 19 years	17.9	17.8	17.0	17.1	16.8	16.6	16.2	16.7	17.0	16.0	16.3	16.8	16.5
16 to 17 years	20.5	20.1	19.9	19.4	19.0	19.5	18.9	19.5	18.9	17.6	18.0	17.0	19.3
18 to 19 years	16.2	16.2	14.3	15.6	15.3	14.4	14.1	14.6	15.7	14.7	15.3	17.0	14.7
20 to 24 years	9.2	9.9	9.6	9.5	9.1	9.5	9.2	9.5	8.6	8.9	8.9	9.0	9.1
25 years and over	4.3	4.3	4.3	4.3	4.2	4.3	4.1	4.1	4.0	4.1	4.0	4.1	4.1
25 to 54 years	4.4	4.5	4.4	4.3	4.4	4.4	4.2	4.3	4.1	4.2	4.2	4.2	4.2
55 years and over	3.5	3.6	3.6	3.7	3.3	3.5	3.5	3.7	3.2	3.3	3.2	3.1	3.3
Men, 16 years and over	5.7	5.7	5.6	5.7	5.5	5.5	5.4	5.4	5.0	5.2	5.1	5.2	5.1
16 to 24 years	13.0	12.9	13.1	13.1	12.8	12.8	12.5	13.1	12.0	12.1	12.3	12.5	12.3
16 to 19 years	18.9	18.9	18.0	18.7	17.9	17.6	17.5	19.3	18.2	17.5	18.1	18.4	17.4
16 to 17 years	21.3	21.7	21.6	21.2	21.2	20.5	20.5	23.4	21.5	19.2	19.6	18.9	20.6
18 to 19 years	17.2	16.8	14.3	17.1	16.2	15.5	15.0	16.1	16.1	16.2	17.1	19.0	15.4
20 to 24 years	9.7	9.5	10.3	9.9	9.8	10.1	9.6	9.6	8.4	9.0	8.9	9.2	9.3
25 years and over	4.3	4.3	4.2	4.3	4.2	4.1	4.0	4.0	3.8	4.0	3.8	3.9	3.8
25 to 54 years	4.5	4.4	4.4	4.4	4.4	4.2	4.1	4.1	3.9	4.2	4.0	4.0	3.9
55 years and over	3.4	3.5	3.5	3.5	3.1	3.3	3.5	3.7	3.2	3.3	3.0	3.1	3.4
Women, 16 years and over	5.4	5.8	5.5	5.4	5.4	5.5	5.3	5.4	5.4	5.2	5.3	5.5	5.5
16 to 24 years	11.7	12.7	11.5	11.4	11.0	11.3	11.0	11.0	11.5	10.9	11.0	11.3	11.4
16 to 19 years	16.8	16.6	15.9	15.4	15.5	15.5	14.8	13.8	15.8	14.4	14.4	15.2	15.5
16 to 17 years	19.6	18.4	18.0	17.4	16.7	18.4	17.3	15.2	16.3	16.0	16.2	15.1	18.1
18 to 19 years	15.2	15.4	14.4	14.0	14.3	13.2	13.0	12.8	15.2	13.1	13.4	15.0	14.0
20 to 24 years	8.6	10.4	8.9	9.1	8.4	8.9	8.8	9.3	8.9	8.7	8.9	8.9	8.9
25 years and over	4.2	4.4	4.3	4.3	4.3	4.4	4.2	4.3	4.2	4.2	4.2	4.3	4.5
25 to 54 years	4.3	4.5	4.4	4.3	4.3	4.5	4.3	4.5	4.3	4.2	4.4	4.5	4.7
55 years and over	3.7	3.7	3.7	3.9	3.6	3.8	3.5	3.6	3.0	3.4	3.4	3.0	3.3

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

Category	1995	1996											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
CHARACTERISTIC													
Total	5.6	5.7	5.5	5.5	5.5	5.5	5.3	5.4	5.2	5.2	5.2	5.3	5.3
Men, 20 years and over	4.9	4.9	4.8	4.9	4.8	4.7	4.6	4.6	4.2	4.5	4.4	4.4	4.4
Women, 20 years and over	4.6	5.1	4.8	4.8	4.7	4.9	4.7	4.9	4.7	4.6	4.7	4.8	4.9
Both sexes, 16 to 19 years	17.9	17.8	17.0	17.1	16.8	16.6	16.2	16.7	17.0	16.0	16.3	16.8	16.5
White	4.9	5.0	4.8	4.8	4.8	4.8	4.6	4.7	4.5	4.5	4.5	4.6	4.6
Black and other	9.2	9.5	9.3	9.6	9.4	9.3	9.1	9.3	8.9	9.2	9.3	9.1	9.2
Black	10.2	10.6	10.3	10.8	10.5	10.3	10.2	10.5	10.4	10.7	10.7	10.6	10.5
Hispanic origin	9.6	9.4	9.5	9.8	9.5	9.2	8.8	8.9	8.8	8.3	8.2	8.3	7.7
Married men, spouse present	3.2	3.2	3.1	3.1	3.0	3.0	3.0	3.0	2.9	3.0	3.0	3.0	3.0
Married women, spouse present	3.7	3.9	3.8	3.5	3.7	3.7	3.6	3.5	3.4	3.4	3.5	3.6	3.7
Women who maintain families	6.8	8.2	7.6	7.7	7.3	8.5	7.8	8.8	8.5	8.3	8.5	8.8	8.4
OCCUPATION¹													
Managerial and professional specialty	2.5	2.4	2.3	2.4	2.3	2.3	2.4	2.4	2.2	2.3	2.2	2.3	2.4
Technical, sales, and administrative support	4.4	4.5	4.5	4.4	4.4	4.6	4.2	4.6	4.4	4.5	4.5	4.5	4.6
Precision production, craft, and repair	5.8	5.5	5.8	5.8	5.6	5.4	5.3	5.5	5.3	5.4	5.5	5.7	5.4
Operators, fabricators, and laborers	8.4	8.3	8.2	8.3	7.9	8.3	8.0	7.8	8.0	7.5	7.7	7.7	7.6
Farming, forestry, and fishing	7.6	8.1	7.7	7.8	7.8	8.7	7.5	6.7	6.4	7.1	7.0	7.7	7.7
INDUSTRY													
Nonagricultural private wage and salary workers	5.8	5.8	5.6	5.7	5.6	5.7	5.5	5.5	5.4	5.3	5.3	5.5	5.4
Goods-producing industries	6.5	6.4	6.2	6.4	6.1	6.2	6.0	5.8	5.7	5.6	5.8	6.1	5.9
Mining	6.9	5.2	6.3	6.5	4.6	2.2	4.9	3.0	4.5	5.1	5.8	4.9	7.6
Construction	11.3	10.9	10.8	10.3	10.3	10.2	9.6	9.8	9.1	9.3	9.6	10.3	9.4
Manufacturing	5.0	5.0	4.8	5.2	4.8	5.0	4.9	4.7	4.7	4.4	4.7	4.7	4.8
Durable goods	4.4	4.5	4.9	4.9	4.7	4.7	4.5	4.3	4.0	4.2	4.4	4.5	4.7
Nondurable goods	5.8	5.7	4.6	5.6	5.0	5.5	5.5	5.3	5.8	4.7	5.1	5.1	5.0
Service-producing industries	5.5	5.6	5.4	5.5	5.5	5.5	5.2	5.4	5.2	5.2	5.1	5.2	5.2
Transportation and public utilities	4.8	3.9	4.0	4.2	4.2	4.2	4.4	4.3	4.1	4.1	4.4	3.5	4.0
Wholesale and retail trade	6.5	6.7	6.4	6.7	6.5	6.5	6.4	6.3	6.3	6.2	6.2	6.3	6.2
Finance, insurance, and real estate	2.9	2.8	2.3	2.5	2.4	2.6	2.6	2.8	2.5	3.0	2.9	2.9	3.1
Services	5.5	5.6	5.6	5.5	5.6	5.7	5.1	5.5	5.2	5.3	5.0	5.3	5.2
Government workers	2.7	2.8	2.9	2.8	2.9	3.2	2.8	3.1	2.8	3.0	2.9	2.8	3.0
Agricultural wage and salary workers	12.3	10.7	10.6	10.7	11.0	10.3	9.6	9.1	7.6	10.8	10.0	10.9	10.3

¹ 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.

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Reason	1995		1996										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
NUMBER OF UNEMPLOYED													
Job losers and persons who completed temporary jobs	3,512	3,586	3,543	3,508	3,535	3,409	3,399	3,348	3,095	3,236	3,171	3,261	3,221
On temporary layoff	1,024	1,106	1,041	1,031	1,092	1,070	1,000	980	931	989	957	994	987
Not on temporary layoff	2,488	2,480	2,502	2,477	2,443	2,339	2,399	2,368	2,164	2,247	2,214	2,267	2,234
Job leavers	879	835	749	783	723	688	702	754	775	800	797	825	845
Reentrants	2,443	2,481	2,499	2,538	2,487	2,709	2,437	2,522	2,467	2,441	2,489	2,523	2,556
New entrants	587	620	603	593	567	546	545	590	552	559	577	586	626
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs	47.3	47.7	47.9	47.3	48.3	46.4	48.0	46.4	44.9	46.0	45.1	45.3	44.4
On temporary layoff	13.8	14.7	14.1	13.9	14.9	14.6	14.1	13.6	13.5	14.1	13.6	13.8	13.6
Not on temporary layoff	33.5	33.0	33.8	33.4	33.4	31.8	33.9	32.8	31.4	31.9	31.5	31.5	30.8
Job leavers	11.8	11.1	10.1	10.5	9.9	9.4	9.9	10.5	11.2	11.4	11.3	11.5	11.7
Reentrants	32.9	33.0	33.8	34.2	34.0	36.8	34.4	35.0	35.8	34.7	35.4	35.1	35.3
New entrants	7.9	8.2	8.2	8.0	7.8	7.4	7.7	8.2	8.0	7.9	8.2	8.1	8.6
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers and persons who completed temporary jobs	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.3	2.4	2.4	2.4	2.4
Job leavers .....	.7	.6	.6	.6	.5	.5	.5	.6	.6	.6	.6	.6	.6
Reentrants	1.8	1.9	1.9	1.9	1.9	2.0	1.8	1.9	1.8	1.8	1.8	1.9	1.9
New entrants .....	.4	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

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

(Numbers in thousands)

Duration	1995		1996										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
NUMBER OF UNEMPLOYED													
Less than 5 weeks	2,683	2,774	2,736	2,632	2,450	2,754	2,544	2,603	2,534	2,522	2,556	2,819	2,671
5 to 14 weeks	2,368	2,370	2,291	2,305	2,330	2,310	2,201	2,307	2,199	2,245	2,265	2,252	2,357
15 weeks and over	2,367	2,369	2,322	2,406	2,387	2,354	2,353	2,326	2,273	2,277	2,294	2,184	2,179
15 to 26 weeks	1,120	1,114	1,097	1,102	1,098	1,048	1,051	994	1,003	1,040	1,062	1,018	976
27 weeks and over	1,247	1,255	1,225	1,304	1,289	1,306	1,302	1,332	1,270	1,237	1,232	1,166	1,203
Average (mean) duration, in weeks	16.4	16.2	16.6	17.2	17.3	16.9	17.2	16.9	17.2	16.9	16.7	16.0	15.8
Median duration, in weeks	8.2	8.2	8.1	8.2	8.6	8.4	8.1	8.5	8.5	8.6	8.3	7.7	7.8
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	36.2	36.9	37.2	35.8	34.2	37.1	35.8	36.0	36.2	35.8	35.9	38.9	37.1
5 to 14 weeks	31.9	31.5	31.2	31.4	32.5	31.1	31.0	31.9	31.4	31.9	31.8	31.0	32.7
15 weeks and over	31.9	31.5	31.6	32.8	33.3	31.7	33.2	32.1	32.4	32.3	32.2	30.1	30.2
15 to 26 weeks	15.1	14.8	14.9	15.0	15.3	14.1	14.8	13.7	14.3	14.8	14.9	14.0	13.5
27 weeks and over	16.8	16.7	16.7	17.8	18.0	17.6	18.3	18.4	18.1	17.6	17.3	16.1	16.7

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

**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	December 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	
TOTAL										
16 years and over	201,636	134,583	66.7	127,903	63.4	3,131	124,772	6,680	5.0	67,053
16 to 19 years	15,139	7,463	49.3	6,324	41.8	203	6,121	1,139	15.3	7,676
16 to 17 years	7,788	3,094	39.7	2,577	33.1	99	2,478	518	16.7	4,694
18 to 19 years	7,351	4,368	59.4	3,747	51.0	103	3,644	621	14.2	2,982
20 to 24 years	17,981	13,226	76.1	12,150	69.9	307	11,843	1,076	8.1	4,155
25 to 54 years	116,131	97,698	84.1	93,713	80.7	1,899	91,814	3,985	4.1	18,432
25 to 34 years	39,982	33,787	84.5	32,176	80.5	662	31,513	1,611	4.8	6,195
25 to 29 years	18,997	16,098	84.7	15,205	80.0	285	14,921	893	5.5	2,899
30 to 34 years	20,985	17,689	84.3	16,970	80.9	378	16,593	718	4.1	3,296
35 to 44 years	43,380	36,955	85.2	35,459	81.7	730	34,730	1,496	4.0	6,426
35 to 39 years	22,389	18,948	84.6	18,161	81.1	366	17,795	787	4.2	3,441
40 to 44 years	20,991	18,007	85.8	17,298	82.4	364	16,935	709	3.9	2,984
45 to 54 years	32,768	26,957	82.3	26,078	79.6	507	25,571	878	3.3	5,812
45 to 49 years	18,402	15,510	84.3	15,000	81.5	282	14,718	509	3.3	2,892
50 to 54 years	14,366	11,447	79.7	11,078	77.1	225	10,853	369	3.2	2,919
55 to 64 years	21,083	12,261	58.2	11,909	56.5	380	11,529	352	2.9	8,822
55 to 59 years	11,279	7,781	69.0	7,563	67.1	213	7,350	218	2.8	3,498
60 to 64 years	9,804	4,480	45.7	4,346	44.3	167	4,180	134	3.0	5,324
65 years and over	31,902	3,935	12.3	3,807	11.9	342	3,465	128	3.3	27,967
65 to 69 years	9,641	2,136	22.2	2,056	21.3	158	1,898	80	3.8	7,505
70 to 74 years	8,516	1,108	13.0	1,078	12.7	109	969	30	2.7	7,408
75 years and over	13,745	690	5.0	673	4.9	75	598	18	2.6	13,055
Men										
16 years and over	96,742	71,959	74.4	68,434	70.7	2,387	66,047	3,525	4.9	24,783
16 to 19 years	7,702	3,732	48.5	3,108	40.4	174	2,935	623	16.7	3,970
16 to 17 years	3,998	1,520	38.0	1,244	31.1	86	1,158	277	18.2	2,478
18 to 19 years	3,704	2,211	59.7	1,865	50.3	88	1,777	347	15.7	1,492
20 to 24 years	8,638	7,026	81.3	6,409	74.2	230	6,179	617	8.8	1,612
25 to 54 years	56,914	52,198	91.7	50,181	88.2	1,431	48,751	2,017	3.9	4,715
25 to 34 years	19,633	18,285	93.1	17,507	89.2	501	17,006	778	4.3	1,348
25 to 29 years	9,311	8,656	93.0	8,203	88.1	219	7,984	453	5.2	655
30 to 34 years	10,322	9,630	93.3	9,304	90.1	282	9,022	326	3.4	693
35 to 44 years	21,342	19,732	92.5	18,967	88.9	562	18,405	765	3.9	1,611
35 to 39 years	11,000	10,204	92.8	9,804	89.1	286	9,518	400	3.9	796
40 to 44 years	10,342	9,528	92.1	9,163	88.6	276	8,887	365	3.8	814
45 to 54 years	15,938	14,181	89.0	13,708	86.0	368	13,340	474	3.3	1,757
45 to 49 years	8,991	8,126	90.4	7,868	87.5	216	7,652	257	3.2	865
50 to 54 years	6,947	6,056	87.2	5,839	84.1	152	5,687	216	3.6	891
55 to 64 years	10,062	6,688	66.5	6,487	64.5	270	6,218	201	3.0	3,374
55 to 59 years	5,435	4,225	77.7	4,106	75.5	154	3,952	119	2.8	1,211
60 to 64 years	4,627	2,464	53.2	2,381	51.5	116	2,266	82	3.3	2,163
65 years and over	13,427	2,314	17.2	2,248	16.7	283	1,965	66	2.9	11,112
65 to 69 years	4,431	1,208	27.3	1,164	26.3	126	1,039	44	3.6	3,223
70 to 74 years	3,738	680	18.2	667	17.9	96	571	12	1.8	3,058
75 years and over	5,258	427	8.1	417	7.9	62	355	10	2.4	4,831
Women										
16 years and over	104,894	62,624	59.7	59,469	56.7	744	58,725	3,156	5.0	42,270
16 to 19 years	7,437	3,731	50.2	3,215	43.2	29	3,186	515	13.8	3,706
16 to 17 years	3,790	1,574	41.5	1,333	35.2	14	1,319	241	15.3	2,216
18 to 19 years	3,647	2,157	59.1	1,882	51.6	16	1,867	275	12.7	1,490
20 to 24 years	8,744	6,200	70.9	5,741	65.7	77	5,664	459	7.4	2,543
25 to 54 years	59,217	45,500	76.8	43,532	73.5	468	43,063	1,968	4.3	13,717
25 to 34 years	20,349	15,502	76.2	14,669	72.1	161	14,508	833	5.4	4,847
25 to 29 years	9,686	7,443	76.8	7,002	72.3	66	6,937	440	5.9	2,243
30 to 34 years	10,663	8,059	75.6	7,666	71.9	95	7,571	393	4.9	2,604
35 to 44 years	22,038	17,223	78.2	16,492	74.8	168	16,325	730	4.2	4,815
35 to 39 years	11,389	8,744	76.8	8,357	73.4	80	8,277	387	4.4	2,645
40 to 44 years	10,849	8,479	79.6	8,135	76.4	88	8,048	343	4.0	2,170
45 to 54 years	16,830	12,775	75.9	12,371	73.5	140	12,231	405	3.2	4,055
45 to 49 years	9,411	7,384	78.5	7,132	75.8	66	7,066	252	3.4	2,027
50 to 54 years	7,419	5,391	72.7	5,239	70.6	74	5,165	152	2.8	2,028
55 to 64 years	11,021	5,573	50.6	5,422	49.2	110	5,312	151	2.7	5,448
55 to 59 years	5,844	3,556	60.9	3,457	59.2	59	3,398	99	2.8	2,288
60 to 64 years	5,177	2,016	38.9	1,965	37.9	51	1,914	52	2.6	3,161
65 years and over	18,475	1,620	8.8	1,558	8.4	59	1,499	62	3.8	16,855
65 to 69 years	5,210	928	17.8	891	17.1	32	859	37	4.0	4,282
70 to 74 years	4,778	428	9.0	411	8.6	13	398	18	4.1	4,350
75 years and over	8,487	264	3.1	256	3.0	13	243	8	2.9	8,223

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

(Numbers in thousands)

Age, sex, and race	December 1996									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed				Unemployed		Not in labor force
				Total	Percent of population	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force	
WHITE										
16 years and over	169,044	113,573	67.2	108,686	64.3	2,935	105,751	4,887	4.3	55,471
16 to 19 years	12,008	6,323	52.7	5,524	46.0	187	5,337	800	12.6	5,685
16 to 17 years	6,164	2,655	43.1	2,287	37.1	98	2,190	368	13.8	3,508
18 to 19 years	5,845	3,668	62.8	3,236	55.4	89	3,147	432	11.8	2,176
20 to 24 years	13,824	10,847	78.5	10,125	73.2	297	9,828	722	6.7	2,977
25 to 54 years	96,488	82,071	85.1	79,133	82.0	1,767	77,366	2,939	3.6	14,417
25 to 34 years	32,578	27,781	85.3	26,644	81.8	624	26,020	1,137	4.1	4,796
25 to 29 years	15,405	13,209	85.7	12,571	81.6	272	12,299	638	4.8	2,196
30 to 34 years	17,173	14,572	84.9	14,074	82.0	353	13,721	499	3.4	2,600
35 to 44 years	36,041	31,013	86.1	29,914	83.0	685	29,229	1,099	3.5	5,028
35 to 39 years	18,526	15,833	85.5	15,252	82.3	353	14,900	580	3.7	2,693
40 to 44 years	17,516	15,181	86.7	14,662	83.7	332	14,330	519	3.4	2,335
45 to 54 years	27,869	23,276	83.5	22,574	81.0	457	22,117	702	3.0	4,593
45 to 49 years	15,574	13,280	85.3	12,875	82.7	253	12,622	405	3.1	2,293
50 to 54 years	12,296	9,996	81.3	9,699	78.9	204	9,495	297	3.0	2,300
55 to 64 years	18,255	10,784	59.1	10,467	57.3	357	10,110	317	2.9	7,471
55 to 59 years	9,749	6,830	70.1	6,636	68.1	196	6,439	194	2.8	2,919
60 to 64 years	8,506	3,954	46.5	3,832	45.0	160	3,671	123	3.1	4,552
65 years and over	28,469	3,548	12.5	3,437	12.1	327	3,110	110	3.1	24,921
65 to 69 years	8,456	1,918	22.7	1,852	21.9	155	1,697	65	3.4	6,538
70 to 74 years	7,608	1,010	13.3	983	12.9	103	880	27	2.7	6,598
75 years and over	12,405	620	5.0	602	4.9	69	533	18	2.9	11,786
Men										
16 years and over	81,878	61,713	75.4	59,058	72.1	2,220	56,838	2,655	4.3	20,165
16 to 19 years	6,128	3,203	52.3	2,756	45.0	161	2,594	448	14.0	2,925
16 to 17 years	3,170	1,295	40.9	1,103	34.8	84	1,019	192	14.8	1,874
18 to 19 years	2,958	1,908	64.5	1,652	55.9	77	1,575	256	13.4	1,050
20 to 24 years	6,937	5,832	84.1	5,407	78.0	223	5,184	425	7.3	1,105
25 to 54 years	47,995	44,624	93.0	43,086	89.8	1,320	41,766	1,538	3.4	3,371
25 to 34 years	16,256	15,343	94.4	14,753	90.8	472	14,281	590	3.8	914
25 to 29 years	7,675	7,239	94.3	6,897	89.9	209	6,687	342	4.7	436
30 to 34 years	8,581	8,104	94.4	7,856	91.5	263	7,593	248	3.1	478
35 to 44 years	17,987	16,856	93.7	16,285	90.5	522	15,763	571	3.4	1,131
35 to 39 years	9,259	8,708	94.0	8,407	90.8	274	8,133	301	3.5	551
40 to 44 years	8,728	8,148	93.4	7,878	90.3	248	7,630	270	3.3	580
45 to 54 years	13,752	12,426	90.4	12,048	87.6	326	11,722	377	3.0	1,326
45 to 49 years	7,717	7,066	91.6	6,864	88.9	190	6,674	202	2.9	650
50 to 54 years	6,035	5,360	88.8	5,184	85.9	136	5,048	175	3.3	675
55 to 64 years	8,795	5,946	67.6	5,760	65.5	247	5,513	186	3.1	2,849
55 to 59 years	4,731	3,744	79.2	3,637	76.9	137	3,501	107	2.9	986
60 to 64 years	4,064	2,201	54.2	2,122	52.2	110	2,012	79	3.6	1,863
65 years and over	12,024	2,108	17.5	2,049	17.0	269	1,781	59	2.8	9,916
65 to 69 years	3,902	1,101	28.2	1,062	27.2	123	940	39	3.5	2,801
70 to 74 years	3,349	624	18.6	614	18.3	90	524	10	1.6	2,725
75 years and over	4,773	383	8.0	373	7.8	56	317	10	2.6	4,390
Women										
16 years and over	87,165	51,860	59.5	49,628	56.9	715	48,913	2,232	4.3	35,306
16 to 19 years	5,880	3,120	53.1	2,768	47.1	26	2,742	352	11.3	2,760
16 to 17 years	2,994	1,360	45.4	1,184	39.6	14	1,171	176	12.9	1,634
18 to 19 years	2,886	1,760	61.0	1,584	54.9	12	1,572	176	10.0	1,126
20 to 24 years	6,887	5,015	72.8	4,718	68.5	74	4,644	297	5.9	1,872
25 to 54 years	48,493	37,447	77.2	36,047	74.3	447	35,600	1,400	3.7	11,046
25 to 34 years	16,321	12,439	76.2	11,892	72.9	152	11,739	547	4.4	3,882
25 to 29 years	7,730	5,970	77.2	5,674	73.4	62	5,612	296	5.0	1,760
30 to 34 years	8,591	6,469	75.3	6,218	72.4	90	6,128	251	3.9	2,123
35 to 44 years	18,054	14,158	78.4	13,629	75.5	163	13,466	528	3.7	3,896
35 to 39 years	9,266	7,125	76.9	6,846	73.9	79	6,767	279	3.9	2,142
40 to 44 years	8,788	7,033	80.0	6,784	77.2	84	6,700	249	3.5	1,755
45 to 54 years	14,118	10,850	76.9	10,526	74.6	132	10,394	325	3.0	3,267
45 to 49 years	7,857	6,214	79.1	6,011	76.5	64	5,948	203	3.3	1,643
50 to 54 years	6,261	4,636	74.1	4,515	72.1	68	4,447	122	2.6	1,625
55 to 64 years	9,460	4,838	51.1	4,707	49.8	110	4,598	131	2.7	4,622
55 to 59 years	5,018	3,085	61.5	2,998	59.8	60	2,939	87	2.8	1,933
60 to 64 years	4,442	1,753	39.5	1,709	38.5	50	1,659	44	2.5	2,689
65 years and over	16,445	1,440	8.8	1,388	8.4	59	1,329	52	3.6	15,006
65 to 69 years	4,554	817	17.9	790	17.3	32	757	27	3.3	3,737
70 to 74 years	4,259	386	9.1	369	8.7	13	356	17	4.5	3,873
75 years and over	7,632	237	3.1	229	3.0	13	216	8	3.3	7,396

**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	December 1996									
	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
BLACK										
16 years and over	23,794	15,254	64.1	13,782	57.9	121	13,660	1,472	9.6	8,541
16 to 19 years	2,388	864	36.2	585	24.5	7	578	279	32.3	1,523
16 to 17 years	1,240	327	26.4	212	17.1	-	212	115	35.1	913
18 to 19 years	1,148	537	46.8	373	32.5	7	366	164	30.6	610
20 to 24 years	2,536	1,730	68.2	1,426	56.3	9	1,417	304	17.5	806
25 to 54 years	14,119	11,277	79.9	10,423	73.8	80	10,344	854	7.6	2,842
25 to 34 years	5,284	4,374	82.8	3,973	75.2	23	3,950	401	9.2	910
25 to 29 years	2,564	2,119	82.6	1,901	74.1	6	1,895	218	10.3	445
30 to 34 years	2,720	2,255	82.9	2,071	76.2	17	2,055	183	8.1	465
35 to 44 years	5,351	4,331	80.9	4,023	75.2	27	3,996	308	7.1	1,019
35 to 39 years	2,811	2,282	81.2	2,112	75.1	8	2,104	170	7.4	529
40 to 44 years	2,540	2,049	80.7	1,911	75.2	20	1,891	138	6.8	490
45 to 54 years	3,484	2,572	73.8	2,428	69.7	30	2,398	144	5.6	912
45 to 49 years	2,057	1,608	78.2	1,525	74.2	15	1,510	83	5.1	449
50 to 54 years	1,427	964	67.6	903	63.2	15	888	62	6.4	463
55 to 64 years	2,125	1,110	52.2	1,086	51.1	14	1,072	24	2.1	1,016
55 to 59 years	1,150	714	62.1	700	60.9	10	690	14	2.0	436
60 to 64 years	975	396	40.6	386	39.6	4	382	10	2.4	579
65 years and over	2,626	272	10.4	261	9.9	12	249	12	4.3	2,354
65 to 69 years	863	141	16.4	132	15.3	3	130	9	6.2	722
70 to 74 years	701	77	11.0	74	10.6	6	68	3	3.6	624
75 years and over	1,062	54	5.1	54	5.1	3	51	-	(¹)	1,008
Men										
16 years and over	10,666	7,204	67.5	6,508	61.0	105	6,403	696	9.7	3,463
16 to 19 years	1,172	395	33.7	247	21.0	5	242	149	37.6	776
16 to 17 years	618	167	26.9	100	16.2	-	100	66	39.8	452
18 to 19 years	553	229	41.3	146	26.4	5	142	82	36.0	325
20 to 24 years	1,179	834	70.7	681	57.7	6	675	153	18.4	345
25 to 54 years	6,363	5,330	83.8	4,951	77.8	69	4,882	379	7.1	1,033
25 to 34 years	2,351	2,051	87.2	1,904	81.0	16	1,887	147	7.2	300
25 to 29 years	1,139	992	87.0	899	78.9	4	896	92	9.3	148
30 to 34 years	1,211	1,059	87.5	1,004	82.9	13	991	55	5.2	152
35 to 44 years	2,444	2,070	84.7	1,923	78.7	26	1,897	147	7.1	374
35 to 39 years	1,282	1,094	85.3	1,018	79.4	8	1,010	76	6.9	188
40 to 44 years	1,162	976	84.0	905	77.9	18	886	71	7.3	186
45 to 54 years	1,568	1,209	77.1	1,124	71.7	27	1,098	85	7.0	359
45 to 49 years	933	755	80.9	706	75.7	16	690	49	6.5	178
50 to 54 years	635	454	71.5	418	65.8	26	407	36	7.9	181
55 to 64 years	921	511	55.5	500	54.4	13	487	11	2.2	409
55 to 59 years	501	333	66.4	324	64.7	10	315	8	2.5	169
60 to 64 years	419	178	42.6	176	42.0	4	172	3	1.4	241
65 years and over	1,033	133	12.9	130	12.6	12	118	4	2.8	900
65 to 69 years	375	62	16.5	60	16.1	3	58	1	(¹)	313
70 to 74 years	294	43	14.7	41	13.9	6	35	2	(¹)	250
75 years and over	364	28	7.8	28	7.8	3	25	-	(¹)	336
Women										
16 years and over	13,128	8,050	61.3	7,274	55.4	16	7,258	776	9.6	5,078
16 to 19 years	1,216	469	38.6	339	27.8	2	336	131	27.8	747
16 to 17 years	622	161	25.8	112	18.0	-	112	49	30.3	461
18 to 19 years	594	308	51.9	226	38.1	2	224	82	26.6	286
20 to 24 years	1,357	896	66.0	746	55.0	3	743	151	16.8	461
25 to 54 years	7,756	5,947	76.7	5,473	70.6	11	5,462	474	8.0	1,809
25 to 34 years	2,934	2,323	79.2	2,069	70.5	6	2,063	254	10.9	611
25 to 29 years	1,425	1,128	79.1	1,002	70.3	2	1,000	126	11.2	297
30 to 34 years	1,509	1,195	79.2	1,067	70.7	4	1,063	128	10.7	313
35 to 44 years	2,907	2,261	77.8	2,100	72.2	1	2,099	161	7.1	646
35 to 39 years	1,529	1,188	77.7	1,094	71.6	-	1,094	94	7.9	341
40 to 44 years	1,378	1,073	77.9	1,006	73.0	1	1,005	67	6.3	305
45 to 54 years	1,916	1,363	71.2	1,304	68.0	3	1,300	60	4.4	553
45 to 49 years	1,124	853	75.9	819	72.9	-	820	34	4.0	271
50 to 54 years	792	510	64.4	484	61.2	4	481	26	5.1	282
55 to 64 years	1,205	598	49.7	586	48.6	-	586	13	2.1	606
55 to 59 years	648	381	58.7	375	57.9	-	375	6	1.5	267
60 to 64 years	556	217	39.1	210	37.8	-	210	7	3.3	339
65 years and over	1,593	139	8.7	131	8.2	-	131	8	5.7	1,454
65 to 69 years	488	79	16.3	72	14.7	-	72	7	9.4	409
70 to 74 years	407	34	8.3	34	8.2	-	34	-	(¹)	373
75 years and over	697	25	3.7	25	3.7	-	25	-	(¹)	672

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

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	
	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996
TOTAL								
Civilian noninstitutional population	199,508	201,636	88,172	89,040	96,633	97,457	14,703	15,139
Civilian labor force	132,008	134,583	67,164	68,227	57,506	58,893	7,338	7,463
Percent of population	66.2	66.7	76.2	76.6	59.5	60.4	49.9	49.3
Employed	125,136	127,903	63,961	65,326	55,049	56,253	6,125	6,324
Agriculture	3,072	3,131	2,121	2,213	771	715	180	203
Nonagricultural industries	122,064	124,772	61,840	63,112	54,278	55,538	5,946	6,121
Unemployed	6,872	6,680	3,203	2,901	2,456	2,640	1,213	1,139
Unemployment rate	5.2	5.0	4.8	4.3	4.3	4.5	16.5	15.3
Not in labor force	67,500	67,053	21,008	20,813	39,127	38,564	7,365	7,676
White								
Civilian noninstitutional population	167,545	169,044	75,156	75,751	80,785	81,285	11,604	12,008
Civilian labor force	111,616	113,573	57,675	58,510	47,764	48,740	6,177	6,323
Percent of population	66.6	67.2	76.7	77.2	59.1	60.0	53.2	52.7
Employed	106,490	108,686	55,256	56,302	45,934	46,860	5,300	5,524
Agriculture	2,871	2,935	1,957	2,059	742	689	172	187
Nonagricultural industries	103,619	105,751	53,299	54,244	45,192	46,171	5,128	5,337
Unemployed	5,126	4,887	2,419	2,208	1,829	1,880	878	800
Unemployment rate	4.6	4.3	4.2	3.8	3.8	3.9	14.2	12.6
Not in labor force	55,929	55,471	17,481	17,240	33,022	32,545	5,426	5,685
Black								
Civilian noninstitutional population	23,419	23,794	9,344	9,495	11,758	11,911	2,317	2,388
Civilian labor force	14,888	15,254	6,681	6,808	7,327	7,581	880	864
Percent of population	63.6	64.1	71.5	71.7	62.3	63.6	38.0	36.2
Employed	13,489	13,782	6,080	6,261	6,815	6,935	594	585
Agriculture	84	121	76	100	6	14	2	7
Nonagricultural industries	13,406	13,660	6,004	6,161	6,809	6,921	593	578
Unemployed	1,399	1,472	602	547	512	646	286	279
Unemployment rate	9.4	9.6	9.0	8.0	7.0	8.5	32.5	32.3
Not in labor force	8,531	8,541	2,663	2,686	4,431	4,331	1,437	1,523

**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	December 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			
TOTAL ENROLLED										
Total, 16 to 24 years	17,454	8,500	48.7	7,667	1,369	6,298	832	164	668	9.8
16 to 19 years	11,872	5,123	43.2	4,468	410	4,058	656	95	561	12.8
20 to 24 years	5,581	3,376	60.5	3,200	960	2,240	177	69	107	5.2
High school	8,915	3,548	39.8	2,995	171	2,824	553	68	485	15.6
College	8,539	4,952	58.0	4,672	1,198	3,474	279	97	183	5.6
Full-time students	7,369	3,943	53.5	3,721	613	3,108	222	69	153	5.6
Part-time students	1,170	1,009	86.3	952	585	366	57	27	30	5.7
Men, 16 to 24 years	8,801	4,099	46.6	3,682	736	2,946	416	91	325	10.2
16 to 19 years	6,081	2,479	40.8	2,143	233	1,910	335	54	281	13.5
20 to 24 years	2,721	1,620	59.5	1,539	503	1,036	81	37	44	5.0
High school	4,704	1,775	37.7	1,490	101	1,389	285	38	246	16.0
College	4,097	2,324	56.7	2,192	636	1,557	132	53	79	5.7
Full-time students	3,552	1,842	51.8	1,726	348	1,379	115	43	73	6.3
Part-time students	545	482	88.5	466	288	178	17	10	6	3.5
Women, 16 to 24 years	8,652	4,401	50.9	3,985	633	3,352	416	73	343	9.5
16 to 19 years	5,792	2,645	45.7	2,324	176	2,148	320	41	279	12.1
20 to 24 years	2,861	1,756	61.4	1,661	457	1,204	96	32	64	5.4
High school	4,211	1,773	42.1	1,505	71	1,434	269	29	239	15.1
College	4,441	2,628	59.2	2,480	563	1,918	147	44	104	5.6
Full-time students	3,817	2,101	55.0	1,994	265	1,729	107	27	80	5.1
Part-time students	624	527	84.4	486	298	188	41	17	24	7.7
White										
Total, 16 to 24 years	13,910	7,260	52.2	6,677	1,149	5,528	583	107	476	8.0
16 to 19 years	9,425	4,387	46.5	3,922	373	3,550	465	66	398	10.6
20 to 24 years	4,485	2,873	64.1	2,754	776	1,978	118	40	78	4.1
Men	7,010	3,521	50.2	3,224	616	2,609	296	63	233	8.4
Women	6,900	3,739	54.2	3,452	533	2,919	287	43	243	7.7
High school	6,960	3,030	43.5	2,636	155	2,481	393	50	344	13.0
College	6,950	4,230	60.9	4,040	994	3,046	190	57	133	4.5
Full-time students	5,991	3,400	56.7	3,255	517	2,738	145	36	109	4.3
Part-time students	958	830	86.6	785	477	309	45	21	24	5.4
Black										
Total, 16 to 24 years	2,445	836	34.2	633	151	482	203	55	147	24.2
16 to 19 years	1,811	536	29.6	381	25	356	155	29	126	28.9
20 to 24 years	635	300	47.2	252	126	126	48	26	22	15.9
Men	1,217	383	31.5	286	79	207	97	25	72	25.3
Women	1,228	453	36.9	347	72	275	106	30	75	23.3
High school	1,505	395	26.2	266	12	254	129	18	111	32.7
College	940	441	46.9	367	139	228	73	37	36	16.7
Full-time students	815	330	40.5	268	71	197	62	31	31	18.7
Part-time students	125	111	89.1	99	68	31	12	6	5	10.7
Hispanic origin										
Total, 16 to 24 years	1,883	774	41.1	675	134	541	98	32	66	12.7
16 to 19 years	1,375	431	31.4	359	42	317	73	14	58	16.9
20 to 24 years	508	342	67.4	317	92	224	26	18	8	7.5
Men	936	384	41.1	343	78	264	42	18	24	10.9
Women	947	389	41.1	333	56	277	56	14	42	14.5
High school	1,195	326	27.3	257	30	227	69	15	54	21.3
College	688	447	65.0	418	104	315	29	17	12	6.5
Full-time students	511	302	59.1	285	30	255	17	9	8	5.5
Part-time students	177	145	81.9	133	74	59	12	8	4	8.4

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	December 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	
TOTAL NOT ENROLLED										
Total, 16 to 24 years	15,067	12,190	80.9	10,807	8,947	1,859	1,383	1,278	105	11.3
16 to 19 years	3,267	2,339	71.6	1,856	1,343	513	483	441	42	20.6
20 to 24 years	11,800	9,850	83.5	8,950	7,604	1,346	900	837	63	9.1
Less than a high school diploma	3,901	2,566	65.8	1,999	1,572	427	567	513	54	22.1
High school graduates, no college	6,530	5,435	83.2	4,796	3,897	899	640	600	40	11.8
Less than a bachelor's degree	3,278	2,882	87.9	2,726	2,290	436	157	146	11	5.4
College graduates	1,358	1,306	96.2	1,287	1,188	99	19	19	-	1.5
Men, 16 to 24 years	7,538	6,659	88.3	5,835	5,153	682	824	788	36	12.4
16 to 19 years	1,622	1,253	77.3	965	745	220	288	270	18	23.0
20 to 24 years	5,917	5,406	91.4	4,870	4,409	461	536	519	17	9.9
Less than a high school diploma	2,071	1,640	79.2	1,291	1,123	168	349	327	22	21.3
High school graduates, no college	3,364	3,036	90.2	2,646	2,305	340	390	380	10	12.9
Less than a bachelor's degree	1,504	1,402	93.2	1,327	1,196	131	75	72	3	5.4
College graduates	599	581	97.0	571	529	43	9	9	-	1.6
Women, 16 to 24 years	7,529	5,530	73.5	4,972	3,794	1,178	559	490	69	10.1
16 to 19 years	1,646	1,086	66.0	891	598	293	195	172	23	18.0
20 to 24 years	5,883	4,444	75.5	4,080	3,195	885	364	318	46	8.2
Less than a high school diploma	1,830	926	50.6	708	449	259	218	186	32	23.5
High school graduates, no college	3,166	2,399	75.8	2,150	1,591	558	249	219	30	10.4
Less than a bachelor's degree	1,774	1,480	83.4	1,398	1,094	305	82	75	7	5.5
College graduates	759	725	95.5	715	659	56	10	10	-	1.4
White										
Total, 16 to 24 years	11,922	9,911	83.1	8,972	7,401	1,571	938	869	70	9.5
16 to 19 years	2,583	1,936	75.0	1,601	1,152	449	335	310	25	17.3
20 to 24 years	9,339	7,974	85.4	7,371	6,249	1,122	603	559	44	7.6
Men	6,054	5,514	91.1	4,938	4,364	574	576	547	29	10.4
Women	5,868	4,396	74.9	4,034	3,037	997	362	322	41	8.2
Less than a high school diploma	3,057	2,116	69.2	1,731	1,355	376	385	347	37	18.2
High school graduates, no college	5,076	4,321	85.1	3,897	3,141	756	423	396	27	9.8
Less than a bachelor's degree	2,642	2,359	89.3	2,245	1,886	359	114	109	5	4.8
College graduates	1,147	1,115	97.2	1,098	1,018	80	17	17	-	1.5
Black										
Total, 16 to 24 years	2,479	1,759	71.0	1,378	1,143	235	380	354	26	21.6
16 to 19 years	577	328	56.9	204	154	50	124	114	10	37.8
20 to 24 years	1,901	1,430	75.2	1,174	989	185	256	240	16	17.9
Men	1,133	846	74.6	641	554	87	205	201	4	24.2
Women	1,345	913	67.8	737	589	148	176	153	23	19.2
Less than a high school diploma	734	372	50.7	208	162	46	164	148	16	44.1
High school graduates, no college	1,168	897	76.8	718	610	109	179	174	5	19.9
Less than a bachelor's degree	486	406	83.4	368	305	63	38	32	5	9.2
College graduates	90	84	93.1	84	67	17	-	-	-	-
Hispanic origin										
Total, 16 to 24 years	2,617	1,920	73.4	1,692	1,438	255	228	205	23	11.9
16 to 19 years	611	371	60.8	292	241	50	80	73	6	21.5
20 to 24 years	2,006	1,549	77.2	1,401	1,196	204	148	132	16	9.6
Men	1,407	1,220	86.7	1,090	968	121	131	120	11	10.7
Women	1,209	700	57.9	603	469	134	97	85	12	13.8
Less than a high school diploma	1,360	900	66.2	767	657	110	133	121	11	14.7
High school graduates, no college	880	712	80.9	635	529	106	77	67	10	10.8
Less than a bachelor's degree	326	259	79.4	242	208	34	17	16	2	6.7
College graduates	51	50	(¹)	48	44	4	1	1	-	(¹)

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Age, sex, and race	December 1996									
	Employed ¹							Unemployed		
	Full-time workers				Part-time workers			Looking for full-time work	Looking for part-time work	
	Total	At work		Not at work	Total	At work ²				Not at work
35 hours or more		1 to 34 hours for economic or noneconomic reasons	Part time for economic reasons			Part time for noneconomic reasons				
TOTAL										
Total, 16 years and over	103,999	91,484	9,637	2,878	23,904	2,959	19,614	1,332	5,366	1,314
16 to 19 years	1,753	1,423	284	47	4,571	252	4,160	159	537	602
16 to 17 years	226	170	50	6	2,351	29	2,231	91	107	411
18 to 19 years	1,527	1,252	233	41	2,220	223	1,929	68	430	192
20 years and over	102,246	90,062	9,353	2,831	19,333	2,706	15,454	1,173	4,829	712
20 to 24 years	8,564	7,496	874	193	3,586	562	2,841	183	906	171
25 years and over	93,682	82,566	8,479	2,638	15,747	2,144	12,613	990	3,924	541
25 to 54 years	82,212	72,780	7,266	2,167	11,501	1,904	8,938	659	3,576	409
55 years and over	11,470	9,786	1,213	471	4,246	240	3,674	332	348	132
Men, 16 years and over	60,742	54,157	5,041	1,544	7,692	1,229	6,041	422	2,995	530
16 to 19 years	978	790	154	34	2,130	132	1,927	71	324	300
20 years and over	59,764	53,367	4,887	1,510	5,562	1,097	4,114	351	2,671	230
20 to 24 years	4,911	4,373	442	96	1,497	259	1,183	56	556	61
25 years and over	54,852	48,994	4,445	1,414	4,065	838	2,932	295	2,115	169
25 to 54 years	47,865	42,985	3,762	1,119	2,316	728	1,444	145	1,905	113
55 years and over	6,987	6,009	683	295	1,749	111	1,488	150	210	56
Women, 16 years and over	43,257	37,327	4,595	1,334	16,212	1,729	13,573	910	2,371	784
16 to 19 years	775	632	130	13	2,441	120	2,233	88	213	303
20 years and over	42,482	36,695	4,466	1,321	13,771	1,609	11,340	822	2,158	482
20 to 24 years	3,652	3,123	432	97	2,089	303	1,659	127	350	110
25 years and over	38,830	33,572	4,034	1,224	11,682	1,306	9,681	696	1,809	372
25 to 54 years	34,347	29,795	3,504	1,048	9,185	1,176	7,495	514	1,671	297
55 years and over	4,483	3,777	530	176	2,497	129	2,187	181	137	75
White										
Men, 16 years and over	52,416	46,677	4,382	1,356	6,642	971	5,315	357	2,242	414
16 to 19 years	868	708	131	30	1,887	109	1,715	63	230	218
20 years and over	51,548	45,970	4,251	1,326	4,755	862	3,599	294	2,012	196
20 to 24 years	4,112	3,641	385	86	1,295	203	1,046	45	381	44
25 years and over	47,436	42,329	3,866	1,241	3,459	658	2,553	248	1,631	152
25 to 54 years	41,220	36,996	3,248	976	1,866	572	1,181	113	1,441	97
55 years and over	6,216	5,333	618	265	1,594	86	1,372	136	190	55
Women, 16 years and over	35,306	30,495	3,781	1,029	14,322	1,358	12,145	819	1,653	579
16 to 19 years	657	537	108	12	2,111	95	1,940	76	147	205
20 years and over	34,649	29,959	3,673	1,017	12,211	1,263	10,205	744	1,506	374
20 to 24 years	2,913	2,525	328	59	1,805	239	1,450	116	218	79
25 years and over	31,736	27,434	3,345	958	10,406	1,024	8,755	627	1,288	295
25 to 54 years	27,882	24,175	2,895	812	8,165	918	6,792	455	1,172	229
55 years and over	3,854	3,259	450	146	2,241	106	1,963	172	116	66
Black										
Men, 16 years and over	5,777	5,148	478	151	731	198	489	44	609	87
16 to 19 years	77	54	19	4	170	18	145	7	84	65
20 years and over	5,700	5,094	459	146	561	180	344	37	524	23
20 to 24 years	556	513	36	8	124	48	71	5	142	11
25 years and over	5,144	4,582	423	139	437	133	273	32	382	12
25 to 54 years	4,620	4,132	378	110	330	116	190	25	368	12
55 years and over	523	450	45	28	107	17	82	7	15	-
Women, 16 years and over	5,971	5,073	660	238	1,302	299	928	75	622	154
16 to 19 years	102	80	21	1	237	21	207	8	60	71
20 years and over	5,869	4,993	639	237	1,066	278	721	67	562	83
20 to 24 years	559	458	87	35	187	61	121	5	123	27
25 years and over	5,311	4,535	553	203	879	217	599	63	439	56
25 to 54 years	4,802	4,143	484	175	671	199	418	54	427	48
55 years and over	509	412	69	27	208	18	181	9	12	8

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

status.

² 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	
	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996
Total	125,136	127,903	67,049	68,434	63,961	65,326	58,087	59,469	55,049	56,253
Managerial and professional specialty	35,856	37,411	18,505	19,246	18,408	19,118	17,351	18,165	17,216	18,036
Executive, administrative, and managerial	17,299	17,883	9,833	10,150	9,789	10,100	7,467	7,734	7,424	7,684
Officials and administrators, public administration	701	665	367	381	366	381	334	284	334	284
Other executive, administrative, and managerial	12,210	12,929	7,546	7,889	7,514	7,855	4,664	5,040	4,631	5,002
Management-related occupations	4,387	4,290	1,919	1,880	1,909	1,864	2,469	2,410	2,459	2,399
Professional specialty	18,557	19,528	8,672	9,097	8,619	9,018	9,885	10,431	9,791	10,352
Engineers	1,927	2,023	1,751	1,838	1,750	1,838	176	186	175	186
Mathematical and computer scientists	1,243	1,437	862	1,002	858	997	382	435	381	435
Natural scientists	521	528	375	359	375	358	146	169	144	169
Health diagnosing occupations	1,021	973	772	748	772	748	249	226	249	226
Health assessment and treating occupations	2,706	2,815	376	396	376	396	2,331	2,419	2,330	2,417
Teachers, college and university	862	940	480	529	476	526	382	411	375	401
Teachers, except college and university	4,635	5,061	1,156	1,240	1,141	1,229	3,479	3,821	3,438	3,780
Lawyers and judges	952	988	727	710	727	710	225	278	225	278
Other professional specialty occupations	4,689	4,762	2,173	2,276	2,144	2,217	2,516	2,487	2,475	2,461
Technical, sales, and administrative support	37,474	38,208	13,048	13,571	12,351	12,851	24,426	24,637	22,833	22,923
Technicians and related support	3,764	4,026	1,789	1,944	1,755	1,915	1,974	2,082	1,958	2,060
Health technologists and technicians	1,601	1,680	334	341	326	339	1,267	1,338	1,257	1,325
Engineering and science technicians	1,087	1,180	832	938	811	914	255	242	253	234
Technicians, except health, engineering, and science	1,075	1,166	623	664	618	662	452	502	448	501
Sales occupations	15,511	15,645	7,622	7,731	7,132	7,247	7,889	7,914	6,842	6,810
Supervisors and proprietors	4,552	4,504	2,809	2,766	2,783	2,733	1,742	1,738	1,711	1,713
Sales representatives, finance and business services	2,408	2,611	1,375	1,473	1,358	1,463	1,032	1,139	1,013	1,117
Sales representatives, commodities, except retail	1,517	1,511	1,148	1,135	1,145	1,129	369	376	365	370
Sales workers, retail and personal services	6,929	6,926	2,265	2,343	1,829	1,909	4,664	4,583	3,672	3,531
Sales-related occupations	106	92	24	14	17	14	82	78	81	78
Administrative support, including clerical	18,199	18,537	3,637	3,897	3,464	3,689	14,562	14,641	14,032	14,054
Supervisors	615	661	230	263	230	262	385	399	384	394
Computer equipment operators	403	401	132	153	131	147	270	248	264	244
Secretaries, stenographers, and typists	3,967	3,757	99	95	89	87	3,867	3,662	3,765	3,560
Financial records processing	2,188	2,256	176	180	174	179	2,012	2,076	1,993	2,047
Mail and message distributing	988	988	588	588	577	572	400	400	395	371
Other administrative support, including clerical	10,039	10,474	2,411	2,619	2,263	2,442	7,628	7,856	7,231	7,438
Service occupations	16,730	17,089	6,684	6,713	5,803	5,846	10,046	10,377	9,008	9,267
Private household	855	831	40	42	33	33	816	789	732	707
Protective service	2,187	2,105	1,844	1,715	1,808	1,668	342	390	327	367
Service, except private household and protective	13,688	14,153	4,800	4,955	3,962	4,145	8,889	9,197	7,949	8,193
Food service	5,619	6,047	2,394	2,491	1,751	1,852	3,225	3,556	2,572	2,831
Health service	2,332	2,407	253	268	235	258	2,079	2,139	1,999	2,061
Cleaning and building service	3,000	2,986	1,645	1,686	1,549	1,586	1,355	1,300	1,299	1,243
Personal service	2,737	2,713	508	511	427	449	2,230	2,202	2,079	2,058
Precision production, craft, and repair	13,484	13,595	12,345	12,384	12,109	12,149	1,139	1,211	1,117	1,183
Mechanics and repairers	4,459	4,517	4,279	4,356	4,193	4,284	180	162	175	161
Construction trades	5,060	5,201	4,967	5,090	4,856	4,976	93	111	92	109
Other precision production, craft, and repair	3,965	3,876	3,098	2,938	3,061	2,889	866	938	850	913
Operators, fabricators, and laborers	18,328	18,435	13,856	13,936	12,840	12,969	4,472	4,500	4,259	4,290
Machine operators, assemblers, and inspectors	8,146	7,955	5,083	5,043	4,877	4,870	3,062	2,912	2,980	2,833
Transportation and material moving occupations	5,184	5,346	4,710	4,813	4,582	4,714	475	533	462	519
Motor vehicle operators	3,828	4,140	3,434	3,655	3,336	3,561	394	485	386	472
Other transportation and material moving occupations	1,356	1,206	1,275	1,158	1,247	1,153	81	47	76	47
Handlers, equipment cleaners, helpers, and laborers	4,998	5,135	4,063	4,079	3,380	3,384	935	1,056	817	937
Construction laborers	756	811	733	776	683	724	23	34	18	34
Other handlers, equipment cleaners, helpers, and laborers	4,242	4,324	3,330	3,303	2,698	2,660	912	1,021	799	903
Farming, forestry, and fishing	3,264	3,164	2,611	2,584	2,450	2,393	652	580	617	554
Farm operators and managers	1,244	1,223	933	960	924	952	311	263	310	263
Other farming, forestry, and fishing occupations	2,020	1,941	1,678	1,624	1,527	1,441	342	317	307	291

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996
TOTAL						
Total, 16 years and over (thousands)	125,136	127,903	67,049	68,434	58,087	59,469
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	28.7	29.2	27.6	28.1	29.9	30.5
Executive, administrative, and managerial	13.8	14.0	14.7	14.8	12.9	13.0
Professional specialty	14.8	15.3	12.9	13.3	17.0	17.5
Technical, sales, and administrative support	29.9	29.9	19.5	19.8	42.1	41.4
Technicians and related support	3.0	3.1	2.7	2.8	3.4	3.5
Sales occupations	12.4	12.2	11.4	11.3	13.6	13.3
Administrative support, including clerical	14.5	14.5	5.4	5.7	25.1	24.6
Service occupations	13.4	13.4	10.0	9.8	17.3	17.4
Private household .....	.7	.6	.1	.1	1.4	1.3
Protective service	1.7	1.6	2.8	2.5	.6	.7
Service, except private household and protective	10.9	11.1	7.2	7.2	15.3	15.5
Precision production, craft, and repair	10.8	10.6	18.4	18.1	2.0	2.0
Operators, fabricators, and laborers	14.6	14.4	20.7	20.4	7.7	7.6
Machine operators, assemblers, and inspectors	6.5	6.2	7.6	7.4	5.3	4.9
Transportation and material moving occupations	4.1	4.2	7.0	7.0	.8	.9
Handlers, equipment cleaners, helpers, and laborers	4.0	4.0	6.1	6.0	1.6	1.8
Farming, forestry, and fishing	2.6	2.5	3.9	3.8	1.1	1.0
White						
Total, 16 years and over (thousands)	106,490	108,686	57,956	59,058	48,533	49,628
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	29.7	30.3	28.6	29.0	31.0	31.8
Executive, administrative, and managerial	14.5	14.7	15.4	15.5	13.4	13.6
Professional specialty	15.2	15.6	13.2	13.5	17.6	18.2
Technical, sales, and administrative support	30.2	29.9	19.6	19.8	42.9	41.9
Technicians and related support	3.1	3.2	2.7	2.9	3.5	3.5
Sales occupations	12.9	12.5	11.9	11.7	14.0	13.5
Administrative support, including clerical	14.3	14.2	5.0	5.3	25.4	24.8
Service occupations	12.2	12.4	9.0	9.0	16.0	16.3
Private household .....	.6	.6	(¹)	.1	1.3	1.3
Protective service	1.6	1.5	2.6	2.4	.5	.6
Service, except private household and protective	10.0	10.2	6.4	6.6	14.3	14.4
Precision production, craft, and repair	11.1	11.1	18.9	18.7	1.8	1.9
Operators, fabricators, and laborers	13.9	13.7	19.8	19.3	6.9	6.9
Machine operators, assemblers, and inspectors	6.0	5.9	7.2	7.1	4.6	4.5
Transportation and material moving occupations	4.1	4.1	6.8	6.8	.8	.8
Handlers, equipment cleaners, helpers, and laborers	3.8	3.7	5.7	5.5	1.6	1.7
Farming, forestry, and fishing	2.8	2.7	4.1	4.0	1.3	1.1
Black						
Total, 16 years and over (thousands)	13,489	13,782	6,346	6,508	7,143	7,274
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	20.8	20.2	18.7	17.4	22.7	22.7
Executive, administrative, and managerial	9.5	9.1	9.3	8.8	9.6	9.3
Professional specialty	11.4	11.1	9.4	8.6	13.1	13.4
Technical, sales, and administrative support	28.6	29.6	17.7	18.9	38.2	39.2
Technicians and related support	2.4	2.7	1.7	2.4	3.1	3.0
Sales occupations	9.5	9.7	7.2	7.9	11.5	11.4
Administrative support, including clerical	16.6	17.1	8.8	8.6	23.5	24.8
Service occupations	21.9	21.1	17.5	16.5	25.9	25.3
Private household	1.2	1.0	.1	(¹)	2.2	1.8
Protective service	2.9	2.7	4.7	4.3	1.3	1.2
Service, except private household and protective	17.8	17.5	12.6	12.2	22.4	22.3
Precision production, craft, and repair	8.3	7.8	15.3	14.2	2.0	2.1
Operators, fabricators, and laborers	19.4	20.2	28.8	30.9	11.1	10.6
Machine operators, assemblers, and inspectors	9.0	8.1	10.0	9.8	8.0	6.5
Transportation and material moving occupations	5.2	5.8	9.7	10.6	1.3	1.6
Handlers, equipment cleaners, helpers, and laborers	5.2	6.3	9.1	10.5	1.8	2.5
Farming, forestry, and fishing	1.0	1.1	2.0	2.2	.1	.1

¹ Less than 0.05 percent.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-19. Employed persons by industry and occupation

(In thousands)

Industry	December 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 ¹		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture	3,131	113	77	36	22	151	-	35	33	19	51	22	2,571
Mining	597	108	41	10	14	49	-	5	217	26	108	19	-
Construction	8,002	1,240	177	55	72	408	-	27	4,578	74	440	909	24
Manufacturing	20,749	2,893	2,014	607	753	2,101	-	260	3,762	6,453	762	1,052	90
Durable goods	12,420	1,718	1,325	396	320	1,179	-	149	2,590	3,732	417	509	85
Nondurable goods	8,328	1,176	689	211	433	922	-	110	1,172	2,721	345	543	5
Transportation and public utilities	8,888	1,119	556	363	255	2,373	-	243	1,181	120	2,195	470	13
Wholesale and retail trade	26,738	2,363	516	211	1,199	2,259	-	5,056	1,461	395	1,096	2,076	107
Wholesale trade	4,745	562	86	57	1,876	710	-	47	308	140	511	382	66
Retail trade	21,993	1,801	430	154	9,323	1,549	-	5,008	1,153	254	585	1,694	41
Finance, insurance, and real estate	7,947	2,201	310	151	2,115	2,672	-	247	164	6	17	26	38
Services	46,275	6,637	14,916	2,384	1,185	7,169	831	8,843	2,015	828	634	525	308
Private households	959	5	8	3	4	2	831	55	9	1	1	17	23
Other service industries	45,317	6,632	14,908	2,381	1,181	7,167	-	8,788	2,006	826	633	508	285
Professional services	31,160	3,989	13,182	1,999	201	5,245	-	5,471	383	204	345	87	54
Public administration	5,576	1,209	921	209	30	1,354	-	1,543	185	35	43	35	12

¹ 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	December 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	Total	Private household workers	Other private industries				
Total, 16 years and over	1,712	1,369	50	115,515	97,184	951	96,233	18,331	9,120	137
16 to 19 years	179	16	8	6,041	5,751	105	5,646	290	67	13
16 to 17 years	89	6	4	2,440	2,367	54	2,313	73	39	-
18 to 19 years	90	10	4	3,601	3,384	51	3,333	217	29	14
20 to 24 years	248	51	8	11,557	10,569	94	10,476	987	283	3
25 to 34 years	441	212	9	29,874	25,993	177	25,816	3,881	1,611	29
35 to 44 years	413	312	4	31,971	26,433	211	26,222	5,538	2,731	27
45 to 54 years	215	285	7	23,191	17,951	178	17,773	5,240	2,351	28
55 to 64 years	136	237	6	10,153	8,160	127	8,033	1,993	1,342	34
65 years and over	78	256	8	2,727	2,327	59	2,268	400	734	4
Men, 16 years and over	1,324	1,040	23	60,430	52,383	91	52,292	8,047	5,582	36
16 to 19 years	151	16	7	2,903	2,792	22	2,769	111	29	-
16 to 17 years	75	6	4	1,143	1,115	8	1,108	28	16	-
18 to 19 years	75	10	2	1,760	1,676	15	1,662	83	13	-
20 to 24 years	180	47	3	5,994	5,546	10	5,536	449	182	2
25 to 34 years	335	160	7	16,055	14,354	15	14,339	1,701	943	8
35 to 44 years	326	235	-	16,750	14,395	12	14,384	2,355	1,655	-
45 to 54 years	164	204	-	11,891	9,574	18	9,556	2,317	1,442	7
55 to 64 years	106	160	4	5,375	4,446	5	4,441	929	828	14
65 years and over	63	218	3	1,462	1,276	9	1,267	186	503	1
Women, 16 years and over	388	329	27	55,085	44,802	860	43,941	10,284	3,538	102
16 to 19 years	28	-	1	3,138	2,959	83	2,877	179	39	9
16 to 17 years	14	-	-	1,297	1,251	46	1,205	45	23	-
18 to 19 years	14	-	1	1,842	1,708	36	1,672	134	16	9
20 to 24 years	69	4	5	5,562	5,024	84	4,939	539	101	1
25 to 34 years	107	52	2	13,819	11,639	162	11,477	2,180	668	21
35 to 44 years	87	77	4	15,221	12,038	199	11,839	3,183	1,077	27
45 to 54 years	52	81	7	11,301	8,377	160	8,218	2,924	909	21
55 to 64 years	30	78	2	4,778	3,714	122	3,592	1,064	514	20
65 years and over	16	38	5	1,265	1,051	50	1,001	215	231	3

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

Hours of work	December 1996					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	123,693	2,920	120,773	100.0	100.0	100.0
1 to 34 hours	31,293	1,037	30,256	25.3	35.5	25.1
1 to 4 hours	1,220	94	1,126	1.0	3.2	.9
5 to 14 hours	5,191	239	4,952	4.2	8.2	4.1
15 to 29 hours	15,839	461	15,378	12.8	15.8	12.7
30 to 34 hours	9,043	243	8,800	7.3	8.3	7.3
35 hours and over	92,400	1,883	90,517	74.7	64.5	74.9
35 to 39 hours	8,791	141	8,650	7.1	4.8	7.2
40 hours	44,485	585	43,900	36.0	20.0	36.3
41 hours and over	39,124	1,157	37,967	31.6	39.6	31.4
41 to 48 hours	14,276	258	14,018	11.5	8.8	11.6
49 to 59 hours	14,479	338	14,141	11.7	11.6	11.7
60 hours and over	10,370	562	9,808	8.4	19.2	8.1
Average hours, total at work	39.3	40.1	39.2	-	-	-
Average hours, persons who usually work full time	43.4	47.2	43.3	-	-	-

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	December 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	31,293	9,637	21,656	30,256	9,298	20,958
Economic reasons	4,352	1,594	2,758	4,140	1,489	2,650
Slack work or business conditions	2,470	1,295	1,175	2,313	1,217	1,096
Could only find part-time work	1,548	-	1,548	1,526	-	1,526
Seasonal work	140	105	35	108	80	29
Job started or ended during week	194	194	-	193	193	-
Noneconomic reasons	26,941	8,043	18,898	26,116	7,809	18,307
Child-care problems	834	106	728	818	104	714
Other family or personal obligations	5,692	693	4,999	5,530	682	4,848
Health or medical limitations	712	-	712	680	-	680
In school or training	6,856	88	6,768	6,719	85	6,634
Retired or Social Security limit on earnings	1,899	-	1,899	1,753	-	1,753
Vacation or personal day	2,900	2,900	-	2,860	2,860	-
Holiday, legal or religious	373	373	-	348	348	-
Weather-related curtailment	446	446	-	397	397	-
All other reasons	7,228	3,436	3,792	7,011	3,333	3,678
Average hours:						
Economic reasons	22.8	23.5	22.5	22.9	23.6	22.6
Other reasons	21.2	25.6	19.4	21.3	25.7	19.4

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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	December 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	120,773	30,256	4,140	7,809	18,307	90,517	39.2	43.3
Wage and salary workers	112,077	27,297	3,638	7,178	16,481	84,779	39.2	43.1
Mining	559	41	9	28	4	518	48.9	49.3
Construction	6,223	1,311	358	611	342	4,913	39.9	41.6
Manufacturing	19,812	2,280	319	1,239	721	17,532	42.6	43.6
Durable goods	11,884	1,234	130	751	352	10,650	43.2	43.9
Nondurable goods	7,928	1,046	189	488	369	6,882	41.8	43.1
Transportation and public utilities	8,144	1,216	186	475	555	6,928	42.6	44.6
Wholesale and retail trade	24,108	8,428	1,238	1,178	6,012	15,680	36.7	43.4
Finance, insurance, and real estate	7,041	1,336	102	491	743	5,706	40.2	42.8
Service industries	40,758	11,776	1,383	2,561	7,833	28,982	37.8	42.8
Private households	924	586	99	54	434	338	27.9	41.2
All other industries	39,835	11,190	1,284	2,507	7,399	28,644	38.0	42.8
Public administration	5,431	910	44	595	272	4,521	40.8	42.0
Self-employed workers	8,559	2,882	490	622	1,770	5,677	39.3	46.3
Unpaid family workers	137	77	11	10	56	61	34.5	(')

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

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	December 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								
Total, 16 years and over	120,773	30,256	4,140	7,809	18,307	90,517	39.2	43.3
16 to 19 years	5,931	4,464	315	193	3,955	1,466	23.5	39.2
16 to 17 years	2,390	2,224	47	36	2,141	166	17.4	36.9
18 to 19 years	3,540	2,240	268	158	1,814	1,300	27.6	39.5
20 years and over	114,843	25,792	3,824	7,616	14,352	89,051	40.1	43.4
20 to 24 years	11,490	4,030	666	666	2,698	7,460	35.7	41.7
25 years and over	103,352	21,762	3,158	6,949	11,654	81,591	40.5	43.6
25 to 54 years	89,113	17,122	2,820	5,948	8,354	71,991	41.1	43.7
55 years and over	14,240	4,639	338	1,001	3,300	9,600	36.8	42.7
Men, 16 years and over	64,228	11,283	1,913	3,907	5,463	52,945	42.1	44.7
16 to 19 years	2,841	2,044	160	108	1,775	797	24.7	40.2
16 to 17 years	1,119	1,028	26	17	985	91	18.0	37.5
18 to 19 years	1,722	1,016	135	91	790	706	29.1	40.5
20 years and over	61,387	9,240	1,752	3,800	3,688	52,148	42.9	44.8
20 to 24 years	6,039	1,734	299	332	1,103	4,304	37.7	42.5
25 years and over	55,348	7,505	1,453	3,468	2,584	47,843	43.5	45.0
25 to 54 years	47,577	5,535	1,289	2,923	1,323	42,041	44.1	45.1
55 years and over	7,772	1,970	164	544	1,262	5,802	39.4	43.9
Women, 16 years and over	56,546	18,973	2,227	3,902	12,844	37,573	36.0	41.5
16 to 19 years	3,090	2,421	155	86	2,180	669	22.4	38.0
16 to 17 years	1,272	1,196	22	19	1,156	75	16.9	36.2
18 to 19 years	1,818	1,224	133	67	1,024	594	26.2	38.3
20 years and over	53,455	16,552	2,072	3,816	10,664	36,903	36.8	41.6
20 to 24 years	5,451	2,296	367	334	1,594	3,155	33.5	40.7
25 years and over	48,004	14,256	1,705	3,481	9,070	33,748	37.1	41.6
25 to 54 years	41,536	11,587	1,531	3,024	7,031	29,949	37.7	41.7
55 years and over	6,468	2,670	174	457	2,039	3,798	33.5	41.0
Race								
White, 16 years and over	102,376	26,172	3,319	6,596	16,256	76,204	39.3	43.6
Men	55,247	9,738	1,579	3,376	4,783	45,510	42.3	44.9
Women	47,129	16,434	1,740	3,221	11,474	30,695	35.7	41.6
Black, 16 years and over	13,172	2,927	636	942	1,349	10,245	38.7	41.5
Men	6,228	1,082	246	384	452	5,146	40.4	42.6
Women	6,944	1,845	391	558	896	5,099	37.2	40.5
Marital status								
Men, 16 years and over:								
Married, spouse present	40,023	4,993	864	2,489	1,639	35,031	44.0	45.3
Widowed, divorced, or separated	7,352	1,229	296	480	454	6,122	42.5	44.4
Single (never married)	16,853	5,061	753	938	3,371	11,792	37.4	42.9
Women, 16 years and over:								
Married, spouse present	31,057	10,262	965	2,164	7,133	20,795	36.1	41.4
Widowed, divorced, or separated	11,535	3,074	538	869	1,667	8,461	38.3	42.1
Single (never married)	13,953	5,637	724	869	4,044	8,316	33.7	41.1

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Occupation and sex	December 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 ¹	120,768	30,273	4,116	7,780	18,377	90,494	39.2	43.4
Managerial and professional specialty	36,375	6,760	583	2,426	3,751	29,616	42.1	45.1
Executive, administrative, and managerial	17,347	2,552	213	1,205	1,134	14,795	43.9	45.8
Professional specialty	19,028	4,208	370	1,221	2,616	14,821	40.5	44.3
Technical, sales, and administrative support	36,917	10,761	1,088	2,377	7,296	26,156	37.5	42.5
Technicians and related support	3,884	853	56	325	472	3,031	39.3	42.0
Sales occupations	15,120	4,731	604	760	3,367	10,389	38.4	44.7
Administrative support, including clerical	17,914	5,177	428	1,291	3,458	12,737	36.3	40.8
Service occupations	16,537	6,852	1,117	847	4,888	9,685	34.3	42.1
Private household	811	535	91	42	401	277	27.3	41.4
Protective service	2,035	333	34	99	200	1,701	42.2	45.1
Service, except private household and protective	13,691	5,984	992	706	4,286	7,707	33.5	41.5
Precision production, craft, and repair	13,098	2,067	517	1,029	521	11,031	41.4	42.6
Operators, fabricators, and laborers	17,839	3,834	812	1,101	1,921	14,006	40.0	43.0
Machine operators, assemblers, and inspectors	7,697	1,130	269	472	389	6,568	40.9	42.3
Transportation and material moving occupations	5,136	961	183	272	506	4,175	43.1	46.1
Handlers, equipment cleaners, helpers, and laborers	5,006	1,743	359	356	1,027	3,263	35.5	40.6
Men, 16 years and over ¹	64,058	11,215	1,883	3,877	5,455	52,843	42.1	44.7
Managerial and professional specialty	18,848	2,383	280	1,069	1,035	16,465	45.1	46.8
Executive, administrative, and managerial	9,886	1,021	111	561	348	8,865	46.4	47.5
Professional specialty	8,962	1,363	168	507	687	7,599	43.6	46.1
Technical, sales, and administrative support	13,202	2,498	299	729	1,471	10,703	41.9	45.2
Technicians and related support	1,897	298	23	156	119	1,599	41.2	42.8
Sales occupations	7,529	1,379	192	332	855	6,150	43.3	46.9
Administrative support, including clerical	3,776	821	83	240	497	2,955	39.4	43.0
Service occupations	6,522	1,897	302	319	1,276	4,625	37.7	43.2
Private household	42	26	9	3	14	16	(²)	(²)
Protective service	1,667	225	18	88	119	1,442	43.5	45.6
Service, except private household and protective	4,813	1,646	276	228	1,143	3,167	35.7	42.1
Precision production, craft, and repair	11,955	1,795	473	927	396	10,160	41.7	42.8
Operators, fabricators, and laborers	13,531	2,641	530	834	1,278	10,890	40.9	43.7
Machine operators, assemblers, and inspectors	4,910	562	105	290	166	4,348	42.1	43.1
Transportation and material moving occupations	4,623	723	134	248	342	3,900	44.0	46.4
Handlers, equipment cleaners, helpers, and laborers	3,998	1,356	290	296	770	2,642	35.9	40.9
Women, 16 years and over ¹	56,710	19,058	2,233	3,903	12,922	37,652	36.0	41.5
Managerial and professional specialty	17,527	4,377	303	1,358	2,716	13,151	39.0	42.9
Executive, administrative, and managerial	7,461	1,532	101	644	786	5,930	40.7	43.3
Professional specialty	10,066	2,845	201	714	1,930	7,221	37.7	42.5
Technical, sales, and administrative support	23,716	8,263	790	1,648	5,825	15,453	35.1	40.6
Technicians and related support	1,987	555	33	169	353	1,432	37.4	41.0
Sales occupations	7,591	3,352	411	428	2,512	4,239	33.6	41.7
Administrative support, including clerical	14,138	4,356	345	1,050	2,960	9,782	35.5	40.1
Service occupations	10,015	4,954	814	528	3,612	5,060	32.0	41.1
Private household	769	509	82	39	388	260	27.2	41.7
Protective service	368	108	17	11	81	259	36.6	42.4
Service, except private household and protective	8,878	4,337	716	478	3,143	4,540	32.3	41.0
Precision production, craft, and repair	1,144	272	44	102	126	872	38.2	40.7
Operators, fabricators, and laborers	4,308	1,193	282	267	643	3,116	37.2	40.7
Machine operators, assemblers, and inspectors	2,787	568	163	182	222	2,220	38.8	40.8
Transportation and material moving occupations	513	238	50	24	164	275	34.8	43.0
Handlers, equipment cleaners, helpers, and laborers	1,008	387	69	61	257	621	34.0	39.6

¹ Excludes farming, forestry, and fishing occupations.

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

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	
	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996
Total, 16 years and over	3,887	3,525	5.5	4.9	2,986	3,156	4.9	5.0
Married, spouse present	1,326	1,257	3.1	2.9	1,126	1,142	3.4	3.4
Widowed, divorced, or separated	543	494	6.8	5.9	661	665	5.4	5.2
Single (never married)	2,018	1,774	10.4	9.0	1,199	1,349	7.8	8.5
White, 16 years and over	2,909	2,655	4.8	4.3	2,217	2,232	4.4	4.3
Married, spouse present	1,085	1,050	2.8	2.7	952	940	3.2	3.1
Widowed, divorced, or separated	442	394	6.6	5.7	473	504	4.9	5.0
Single (never married)	1,382	1,211	8.8	7.6	793	788	6.8	6.6
Black, 16 years and over	763	696	10.7	9.7	636	776	8.2	9.6
Married, spouse present	160	146	4.8	4.5	102	128	3.9	5.1
Widowed, divorced, or separated	83	78	8.1	7.0	165	135	7.7	5.9
Single (never married)	520	471	18.9	16.8	370	513	12.2	15.8
Total, 25 years and over	2,553	2,284	4.3	3.7	2,012	2,181	3.9	4.1
Married, spouse present	1,245	1,150	3.0	2.7	1,002	1,041	3.2	3.2
Widowed, divorced, or separated	517	457	6.7	5.6	600	615	5.1	5.0
Single (never married)	791	677	7.7	6.4	410	525	5.3	6.5
White, 25 years and over	1,948	1,783	3.8	3.4	1,509	1,583	3.5	3.6
Married, spouse present	1,015	957	2.7	2.5	846	857	3.0	3.0
Widowed, divorced, or separated	416	366	6.4	5.4	426	466	4.6	4.8
Single (never married)	517	460	6.3	5.5	237	261	4.3	4.6
Black, 25 years and over	472	394	8.1	6.6	397	495	6.1	7.4
Married, spouse present	155	141	4.8	4.4	87	117	3.5	4.8
Widowed, divorced, or separated	84	72	8.2	6.6	150	122	7.3	5.5
Single (never married)	233	181	14.9	10.8	159	255	8.4	12.5

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-27. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996
Total, 16 years and over ¹	6,872	6,680	5.2	5.0	5.5	4.9	4.9	5.0
Managerial and professional specialty	799	800	2.2	2.1	2.1	2.1	2.2	2.1
Executive, administrative, and managerial	375	411	2.1	2.2	2.0	2.1	2.2	2.5
Professional specialty	425	389	2.2	2.0	2.3	2.2	2.2	1.8
Technical, sales, and administrative support	1,535	1,637	3.9	4.1	3.4	3.3	4.2	4.5
Technicians and related support	81	127	2.1	3.1	2.7	2.7	1.6	3.4
Sales occupations	739	768	4.5	4.7	3.3	3.2	5.7	6.1
Administrative support, including clerical	715	742	3.8	3.8	4.0	3.9	3.7	3.8
Service occupations	1,261	1,144	7.0	6.3	7.3	6.3	6.8	6.2
Private household	82	61	8.8	6.9	(²)	(²)	8.9	6.0
Protective service	80	84	3.5	3.8	3.1	3.0	5.7	7.6
Service, except private household and protective	1,099	999	7.4	6.6	8.8	7.3	6.7	6.2
Precision production, craft, and repair	830	766	5.8	5.3	5.8	5.2	5.6	6.5
Mechanics and repairers	174	167	3.8	3.6	3.8	3.4	2.6	7.2
Construction trades	487	429	8.8	7.6	8.7	7.6	14.2	6.9
Other precision production, craft, and repair	168	170	4.1	4.2	3.8	3.5	5.1	6.3
Operators, fabricators, and laborers	1,629	1,462	8.2	7.3	7.9	6.6	9.0	9.5
Machine operators, assemblers, and inspectors	620	603	7.1	7.0	6.3	5.3	8.3	9.9
Transportation and material moving occupations	299	293	5.5	5.2	5.4	4.9	6.4	7.5
Handlers, equipment cleaners, helpers, and laborers	709	566	12.4	9.9	12.4	10.0	12.7	9.7
Construction laborers	190	136	20.1	14.4	20.1	14.6	(²)	(²)
Other handlers, equipment cleaners, helpers, and laborers	519	430	10.9	9.0	10.4	8.8	12.5	9.7
Farming, forestry, and fishing	343	341	9.5	9.7	9.3	9.6	10.2	10.4
No previous work experience	446	491	-	-	-	-	-	-
16 to 19 years	292	303	-	-	-	-	-	-
20 to 24 years	59	92	-	-	-	-	-	-
25 years and over	95	95	-	-	-	-	-	-

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

² 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	
	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996
Total, 16 years and over	6,872	6,680	5.2	5.0	5.5	4.9	4.9	5.0
Nonagricultural private wage and salary workers	5,441	5,159	5.4	5.0	5.6	4.9	5.2	5.2
Mining	41	43	6.1	6.9	7.1	6.9	1.2	7.0
Construction	739	639	11.6	9.6	12.1	10.0	6.9	5.9
Manufacturing	996	969	4.7	4.6	4.2	3.6	5.8	6.5
Durable goods	515	561	4.2	4.4	3.7	3.9	5.4	5.8
Lumber and wood products	41	45	5.0	5.8	5.2	5.1	3.9	10.6
Furniture and fixtures	40	43	6.3	6.6	4.8	5.1	10.1	10.4
Stone, clay, and glass products	22	38	3.9	6.0	4.1	6.4	3.2	4.6
Primary metal industries	25	23	3.1	2.8	2.8	3.0	4.3	1.5
Fabricated metal products	91	64	6.3	4.6	5.5	3.6	9.4	7.7
Machinery and computing equipment	89	62	3.5	2.6	2.4	2.3	7.2	3.6
Electrical machinery, equipment, and supplies	59	119	3.1	5.4	3.6	4.2	2.5	7.3
Transportation equipment	69	110	3.1	4.7	3.0	4.7	3.7	4.6
Automobiles	32	56	2.6	4.3	2.4	3.5	3.3	6.7
Other transportation equipment	37	53	3.8	5.1	3.7	6.1	4.1	1.5
Professional and photographic equipment	25	15	3.3	2.0	3.5	.9	3.0	3.7
Other durable goods industries	54	42	7.5	6.0	7.1	6.1	8.7	5.8
Nondurable goods	481	408	5.5	4.8	5.0	3.1	6.1	7.2
Food and kindred products	121	105	6.6	5.7	5.7	3.1	8.3	10.3
Textile mill products	48	45	6.9	7.0	7.0	5.8	6.7	8.5
Apparel and other textile products	115	95	10.5	9.9	11.5	10.4	10.1	9.7
Paper and allied products	13	23	1.9	3.4	2.5	2.7	.2	5.1
Printing and publishing	77	72	4.3	3.9	5.0	2.7	3.4	5.3
Chemicals and allied products	41	22	3.0	1.6	2.3	1.4	4.5	1.9
Rubber and miscellaneous plastics products	40	25	4.5	3.0	4.8	1.1	3.9	7.0
Other nondurable goods industries	27	21	6.5	6.0	6.7	3.0	6.2	10.8
Transportation and public utilities	308	258	4.4	3.6	4.4	3.4	4.5	4.1
Transportation	231	193	5.4	4.4	5.8	4.1	4.5	5.3
Communications and other public utilities	77	66	2.8	2.4	1.8	2.2	4.5	2.8
Wholesale and retail trade	1,524	1,423	5.8	5.4	5.3	4.6	6.3	6.3
Wholesale trade	190	155	3.9	3.3	3.1	2.7	5.6	4.8
Retail trade	1,334	1,268	6.2	5.9	6.0	5.2	6.4	6.5
Finance, insurance, and real estate	206	222	2.9	3.1	2.7	3.2	3.0	3.0
Service industries	1,627	1,604	5.2	4.8	5.8	5.0	4.7	4.7
Professional services	544	553	2.9	2.8	3.1	2.5	2.8	2.9
Other service industries	1,083	1,051	8.5	7.8	8.3	7.1	8.8	8.6
Agricultural wage and salary workers	292	258	15.3	13.1	14.6	13.0	17.2	13.4
Government, self-employed, and unpaid family workers	694	774	2.4	2.6	2.5	2.9	2.2	2.3
No previous work experience	446	491	-	-	-	-	-	-

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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	
	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996
NUMBER OF UNEMPLOYED												
Total unemployed	6,872	6,680	3,203	2,901	2,456	2,640	1,213	1,139	5,126	4,887	1,399	1,472
Job losers and persons who completed temporary jobs	3,533	3,230	2,169	1,925	1,128	1,124	236	180	2,767	2,473	603	620
On temporary layoff	1,090	1,045	685	590	310	368	94	87	947	905	103	101
Not on temporary layoff	2,443	2,184	1,483	1,335	818	756	142	93	1,820	1,567	499	520
Permanent job losers	1,716	1,514	1,023	944	614	524	79	47	1,306	1,115	328	342
Persons who completed temporary jobs	727	670	460	391	204	232	63	47	515	452	172	178
Job leavers	795	771	333	321	345	351	117	99	632	614	125	124
Reentrants	2,098	2,189	654	598	877	1,035	567	556	1,457	1,473	530	621
New entrants	446	491	48	58	106	130	292	303	270	328	141	106
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs	51.4	48.3	67.7	66.3	45.9	42.6	19.5	15.8	54.0	50.6	43.1	42.1
On temporary layoff	15.9	15.6	21.4	20.3	12.6	14.0	7.8	7.6	18.5	18.5	7.4	6.8
Not on temporary layoff	35.6	32.7	46.3	46.0	33.3	28.6	11.7	8.2	35.5	32.1	35.7	35.3
Job leavers	11.6	11.5	10.4	11.1	14.0	13.3	9.7	8.7	12.3	12.6	9.0	8.4
Reentrants	30.5	32.8	20.4	20.6	35.7	39.2	46.8	48.8	28.4	30.1	37.9	42.2
New entrants	6.5	7.3	1.5	2.0	4.3	4.9	24.1	26.6	5.3	6.7	10.1	7.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers and persons who completed temporary jobs	2.7	2.4	3.2	2.8	2.0	1.9	3.2	2.4	2.5	2.2	4.0	4.1
Job leavers .....	.6	.6	.5	.5	.6	.6	1.6	1.3	.6	.5	.8	.8
Reentrants	1.6	1.6	1.0	.9	1.5	1.8	7.7	7.5	1.3	1.3	3.6	4.1
New entrants .....	.3	.4	.1	.1	.2	.2	4.0	4.1	.2	.3	.9	.7

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

(Percent distribution)

Reason, sex, and age	December 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	6,680	100.0	34.6	36.0	29.4	13.2	16.1
Job losers and persons who completed temporary jobs	3,230	100.0	39.0	34.3	26.7	13.3	13.4
On temporary layoff	1,045	100.0	64.4	27.6	8.0	6.4	1.7
Not on temporary layoff	2,184	100.0	26.8	37.5	35.7	16.7	19.0
Permanent job losers	1,514	100.0	25.5	35.1	39.4	16.8	22.6
Persons who completed temporary jobs	670	100.0	29.9	42.8	27.3	16.4	10.9
Job leavers	771	100.0	32.9	41.1	26.0	12.2	13.8
Reentrants	2,189	100.0	29.7	36.2	34.1	13.4	20.7
New entrants	491	100.0	30.6	38.4	30.9	13.2	17.7
Men, 20 years and over	2,901	100.0	33.9	33.8	32.3	14.6	17.7
Job losers and persons who completed temporary jobs	1,925	100.0	38.2	34.2	27.6	13.4	14.2
On temporary layoff	590	100.0	64.5	26.8	8.7	7.3	1.4
Not on temporary layoff	1,335	100.0	26.6	37.5	35.9	16.1	19.8
Permanent job losers	944	100.0	25.4	34.3	40.3	16.9	23.4
Persons who completed temporary jobs	391	100.0	29.5	45.1	25.4	14.2	11.2
Job leavers	321	100.0	28.3	42.0	29.7	13.9	15.9
Reentrants	598	100.0	24.3	27.5	48.2	18.3	29.9
New entrants	58	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 20 years and over	2,640	100.0	32.3	36.2	31.4	12.8	18.6
Job losers and persons who completed temporary jobs	1,124	100.0	36.4	35.7	27.9	13.7	14.2
On temporary layoff	368	100.0	59.4	31.7	8.9	6.4	2.5
Not on temporary layoff	756	100.0	25.2	37.7	37.1	17.2	19.9
Permanent job losers	524	100.0	22.7	36.5	40.8	17.4	23.4
Persons who completed temporary jobs	232	100.0	30.8	40.3	28.9	16.7	12.2
Job leavers	351	100.0	35.4	36.7	27.9	12.5	15.4
Reentrants	1,035	100.0	27.0	37.3	35.7	12.3	23.4
New entrants	130	100.0	31.6	31.1	37.4	9.7	27.7
Both sexes, 16 to 19 years	1,139	100.0	41.7	41.2	17.1	10.8	6.3
Job losers and persons who completed temporary jobs	180	100.0	63.5	26.2	10.3	10.4	-
On temporary layoff	87	100.0	84.4	15.6	-	-	-
Not on temporary layoff	93	100.0	44.0	36.2	19.9	20.1	-
Permanent job losers	47	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Persons who completed temporary jobs	47	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Job leavers	99	100.0	38.9	53.7	7.5	5.8	1.7
Reentrants	556	100.0	40.5	43.5	16.0	10.3	5.7
New entrants	303	100.0	31.9	41.6	26.5	13.8	12.7

¹ 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	
	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996
Total, 16 years and over	6,872	6,680	100.0	100.0	5,537	5,366	100.0	100.0
Less than 5 weeks	2,327	2,313	33.9	34.6	1,743	1,691	31.5	31.5
5 to 14 weeks	2,405	2,406	35.0	36.0	1,953	1,941	35.3	36.2
5 to 10 weeks	1,735	1,743	25.2	26.1	1,403	1,423	25.3	26.5
11 to 14 weeks	670	662	9.7	9.9	550	518	9.9	9.7
15 weeks and over	2,140	1,962	31.1	29.4	1,842	1,734	33.3	32.3
15 to 26 weeks	1,014	883	14.8	13.2	853	771	15.4	14.4
27 weeks and over	1,126	1,079	16.4	16.1	989	963	17.9	17.9
27 to 51 weeks	494	520	7.2	7.8	455	474	8.2	8.8
52 weeks and over	633	558	9.2	8.4	534	489	9.6	9.1
Average (mean) duration, in weeks	16.2	15.6	-	-	17.1	16.7	-	-
Median duration, in weeks	8.2	7.7	-	-	8.9	8.4	-	-

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Sex, age, race, and marital status	December 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		
TOTAL								
Total, 16 years and over	6,680	2,313	2,406	1,962	883	1,079	15.6	7.7
16 to 19 years	1,139	475	469	195	123	72	9.7	5.9
20 to 24 years	1,076	377	394	305	152	153	14.0	7.2
25 to 34 years	1,611	578	600	434	185	248	15.4	7.5
35 to 44 years	1,496	464	527	505	209	296	17.4	8.6
45 to 54 years	878	281	254	344	138	206	20.5	9.3
55 to 64 years	352	100	115	136	52	84	20.0	10.0
65 years and over	128	38	47	43	23	20	18.9	10.5
Men, 16 years and over								
16 to 19 years	3,525	1,252	1,242	1,031	483	549	15.6	7.5
20 to 24 years	623	268	262	94	60	34	9.3	5.9
25 to 34 years	617	214	237	166	97	69	13.3	7.0
35 to 44 years	778	306	266	206	81	125	15.7	6.8
45 to 54 years	765	245	255	265	124	141	17.0	8.4
55 to 64 years	474	134	137	203	74	129	23.3	10.3
65 years and over	201	57	67	76	37	39	18.2	9.5
65 years and over	66	27	18	21	10	11	(¹)	(¹)
Women, 16 years and over								
16 to 19 years	3,156	1,061	1,164	931	401	530	15.6	7.9
20 to 24 years	515	207	207	101	63	38	10.1	5.9
25 to 34 years	459	163	157	139	55	84	14.9	7.6
35 to 44 years	833	272	334	227	104	123	15.2	8.0
45 to 54 years	730	219	272	239	85	154	17.7	8.9
55 to 64 years	405	146	117	141	64	77	17.1	8.0
65 years and over	151	43	48	60	16	45	22.3	11.0
65 years and over	62	11	29	22	13	10	(¹)	(¹)
Race								
White, 16 years and over	4,887	1,882	1,683	1,323	635	688	14.3	6.8
Men	2,655	1,063	886	707	340	367	14.4	6.4
Women	2,232	820	797	615	295	321	14.3	7.2
Black, 16 years and over	1,472	342	593	537	212	325	18.8	10.1
Men	696	142	284	269	127	142	18.8	10.5
Women	776	200	309	268	85	183	18.8	9.6
Marital status								
Men, 16 years and over:								
Married, spouse present	1,257	436	411	409	170	239	17.5	8.0
Widowed, divorced, or separated	494	190	178	126	42	83	16.5	6.0
Single (never married)	1,774	626	652	496	270	226	14.0	7.6
Women, 16 years and over:								
Married, spouse present	1,142	425	390	327	141	186	14.8	7.0
Widowed, divorced, or separated	665	200	234	231	101	130	18.0	9.4
Single (never married)	1,349	436	540	372	158	214	15.2	7.9

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

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

Occupation and industry	December 1996							Average (mean) duration	Median duration
	Thousands of persons								
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over					
				Total	15 to 26 weeks	27 weeks and over			
OCCUPATION									
Managerial and professional specialty	800	258	275	267	120	147	16.3	8.6	
Technical, sales, and administrative support	1,637	531	641	465	213	252	14.9	8.1	
Service occupations	1,144	353	439	353	164	189	16.8	8.1	
Precision production, craft, and repair	766	315	236	215	103	111	14.2	6.0	
Operators, fabricators, and laborers	1,462	554	465	443	183	259	16.2	7.4	
Farming, forestry, and fishing	341	140	143	58	28	30	10.7	6.2	
INDUSTRY¹									
Agriculture	258	108	98	51	21	30	12.0	5.9	
Construction	653	302	213	137	77	60	11.1	5.2	
Manufacturing	977	333	313	332	134	198	18.3	8.6	
Durable goods	565	200	173	192	84	108	18.1	8.4	
Nondurable goods	412	132	140	140	50	89	18.5	8.9	
Transportation and public utilities	302	91	119	92	32	59	17.0	9.3	
Wholesale and retail trade	1,428	518	525	386	197	189	13.4	6.9	
Finance, insurance, and real estate	230	56	105	69	33	36	16.8	8.6	
Services	1,830	560	670	600	256	345	17.1	8.9	
Public administration	166	54	56	56	28	28	18.1	9.2	
No previous work experience	491	150	189	152	65	87	18.3	8.9	

¹ 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			
	Dec. 1995	Dec. 1996	16 to 24 years		25 to 54 years		55 years and over		Men		Women	
			Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996
	Total not in the labor force	67,500	67,053	11,713	11,832	18,968	18,432	36,819	36,789	24,725	24,783	42,775	42,270
Do not want a job now ¹	62,034	62,307	9,782	10,098	16,446	16,212	35,806	35,997	22,407	22,739	39,628	39,568
Want a job ¹	5,466	4,746	1,931	1,734	2,522	2,220	1,013	793	2,318	2,045	3,147	2,702
Did not search for work in previous year	3,077	2,643	962	881	1,369	1,196	746	567	1,205	1,091	1,872	1,552
Searched for work in previous year ²	2,389	2,103	969	853	1,153	1,025	267	226	1,113	954	1,275	1,150
Not available to work now	769	640	384	299	351	306	34	36	305	246	465	394
Available to work now	1,619	1,463	585	555	802	719	232	190	809	707	811	756
Reason not currently looking:												
Discouragement over job prospects ³	425	334	111	84	254	206	60	44	261	199	164	135
Reasons other than discouragement	1,194	1,128	473	470	548	513	173	145	547	508	647	620
Family responsibilities	162	163	32	33	106	108	24	22	20	34	142	129
In school or training	262	239	194	197	65	41	4	-	170	121	92	118
Ill health or disability	176	158	34	22	105	94	37	42	87	60	88	98
Other ⁴	594	569	213	218	273	270	108	82	270	293	325	276

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

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

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

discrimination.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Characteristic	Both sexes				Men				Women			
	Number		Rate ¹		Number		Rate ¹		Number		Rate ¹	
	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996
AGE												
Total, 16 years and over ²	7,700	8,219	6.2	6.4	3,965	4,293	5.9	6.3	3,735	3,926	6.4	6.6
16 to 19 years	269	317	4.4	5.0	120	120	3.9	3.9	149	197	4.9	6.1
20 years and over	7,431	7,902	6.2	6.5	3,845	4,173	6.0	6.4	3,586	3,729	6.5	6.6
20 to 24 years	866	921	7.1	7.6	391	414	6.0	6.5	475	507	8.3	8.8
25 years and over	6,565	6,981	6.1	6.4	3,454	3,759	6.0	6.4	3,111	3,223	6.3	6.4
25 to 54 years	5,905	6,273	6.4	6.7	3,096	3,335	6.3	6.6	2,809	2,938	6.6	6.7
55 years and over	660	708	4.3	4.5	358	423	4.2	4.8	301	285	4.5	4.1
55 to 64 years	561	582	4.9	4.9	304	347	4.8	5.4	257	235	5.0	4.3
65 years and over	99	126	2.7	3.3	55	76	2.5	3.4	44	50	2.9	3.2
RACE AND HISPANIC ORIGIN												
White	6,744	7,176	6.3	6.6	3,480	3,759	6.0	6.4	3,263	3,417	6.7	6.9
Black	698	797	5.2	5.8	339	401	5.3	6.2	358	395	5.0	5.4
Hispanic origin	426	466	3.8	3.8	234	271	3.4	3.7	192	196	4.3	4.0
MARITAL STATUS												
Married, spouse present	4,363	4,576	5.9	6.1	2,600	2,713	6.2	6.4	1,763	1,863	5.4	5.7
Widowed, divorced, or separated	1,272	1,464	6.7	7.4	376	546	5.0	6.9	896	918	7.8	7.6
Single (never married)	2,065	2,179	6.5	6.7	989	1,034	5.7	5.8	1,076	1,145	7.6	7.9
FULL- OR PART-TIME STATUS												
Primary job full time, secondary job part time	4,295	4,505	-	-	2,466	2,673	-	-	1,829	1,833	-	-
Primary and secondary jobs both part time	1,741	1,892	-	-	514	572	-	-	1,227	1,320	-	-
Primary and secondary jobs both full time	234	209	-	-	156	138	-	-	78	70	-	-
Hours vary on primary or secondary job	1,403	1,569	-	-	809	882	-	-	594	687	-	-

¹ Multiple jobholders as a percent of all employed persons in specified group.

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

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							
	Dec. 1995	Dec. 1996	Total		Employed		Unemployed			
			Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996	Number		Percent of labor force	
							Dec. 1995	Dec. 1996	Dec. 1995	Dec. 1996
VIETNAM-ERA VETERANS										
Total, 40 years and over	7,651	7,755	6,515	6,597	6,310	6,399	205	198	3.1	3.0
40 to 54 years	6,503	6,411	5,842	5,786	5,656	5,600	186	187	3.2	3.2
40 to 44 years	1,346	1,125	1,160	1,021	1,106	987	54	34	4.7	3.3
45 to 49 years	3,178	2,935	2,896	2,644	2,810	2,561	86	83	3.0	3.2
50 to 54 years	1,979	2,351	1,786	2,121	1,740	2,052	46	69	2.6	3.2
55 years and over	1,148	1,344	673	811	655	799	18	12	2.7	1.4
NONVETERANS										
Total, 40 to 54 years	17,795	18,791	15,983	16,962	15,377	16,361	606	601	3.8	3.5
40 to 44 years	8,356	8,751	7,681	8,071	7,391	7,764	290	307	3.8	3.8
45 to 49 years	5,469	5,949	4,921	5,386	4,732	5,214	189	172	3.8	3.2
50 to 54 years	3,970	4,092	3,381	3,505	3,254	3,382	127	123	3.8	3.5

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 HOURS AND EARNINGS**

B-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry, 1964 to date

Year and month	Total private ¹			Mining			Construction		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages									
1964	38.7	\$2.36	\$91.33	41.9	\$2.81	\$117.74	37.2	\$3.55	\$132.06
1965	38.8	2.46	95.45	42.3	2.92	123.52	37.4	3.70	138.38
1966	38.6	2.56	98.82	42.7	3.05	130.24	37.6	3.89	146.26
1967	38.0	2.68	101.84	42.6	3.19	135.89	37.7	4.11	154.95
1968	37.8	2.85	107.73	42.6	3.35	142.71	37.3	4.41	164.49
1969	37.7	3.04	114.61	43.0	3.60	154.80	37.9	4.79	181.54
1970	37.1	3.23	119.83	42.7	3.85	164.40	37.3	5.24	195.45
1971	36.9	3.45	127.31	42.4	4.06	172.14	37.2	5.69	211.67
1972	37.0	3.70	136.90	42.6	4.44	189.14	36.5	6.06	221.19
1973	36.9	3.94	145.39	42.4	4.75	201.40	36.8	6.41	235.89
1974	36.5	4.24	154.76	41.9	5.23	219.14	36.6	6.81	249.25
1975	36.1	4.53	163.53	41.9	5.95	249.31	36.4	7.31	266.08
1976	36.1	4.86	175.45	42.4	6.46	273.90	36.8	7.71	283.73
1977	36.0	5.25	189.00	43.4	6.94	301.20	36.5	8.10	295.65
1978	35.8	5.69	203.70	43.4	7.67	332.88	36.8	8.66	318.69
1979	35.7	6.16	219.91	43.0	8.49	365.07	37.0	9.27	342.99
1980	35.3	6.66	235.10	43.3	9.17	397.06	37.0	9.94	367.78
1981	35.2	7.25	255.20	43.7	10.04	438.75	36.9	10.82	399.26
1982	34.8	7.68	267.26	42.7	10.77	459.88	36.7	11.63	426.82
1983	35.0	8.02	280.70	42.5	11.28	479.40	37.1	11.94	442.97
1984	35.2	8.32	292.86	43.3	11.63	503.58	37.8	12.13	458.51
1985	34.9	8.57	299.09	43.4	11.98	519.93	37.7	12.32	464.46
1986	34.8	8.76	304.85	42.2	12.46	525.81	37.4	12.48	466.75
1987	34.8	8.98	312.50	42.4	12.54	531.70	37.8	12.71	480.44
1988	34.7	9.28	322.02	42.3	12.80	541.44	37.9	13.08	495.73
1989	34.6	9.66	334.24	43.0	13.26	570.18	37.9	13.54	513.17
1990	34.5	10.01	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
1996 ^p	34.4	11.82	406.61	45.3	15.60	706.68	38.9	15.43	600.23
Monthly data, not seasonally adjusted									
1995:									
December	34.5	\$11.61	\$400.55	45.0	\$15.54	\$699.30	38.1	\$15.13	\$576.45
1996:									
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	34.8	11.77	409.60	45.3	15.51	702.60	39.8	15.55	618.89
September	34.9	11.96	417.40	46.0	15.72	723.12	39.7	15.73	624.48
October	34.5	11.96	412.62	45.9	15.54	713.29	39.9	15.73	627.63
November ^p	34.5	12.00	414.00	45.4	15.66	710.96	38.7	15.59	603.33
December ^p	34.9	12.07	421.24	46.4	15.86	735.90	38.5	15.64	602.14

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

B-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry, 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
1996 ^p	41.6	12.78	12.12	531.65	39.7	14.52	576.44	38.3	12.84	491.77
Monthly data, not seasonally adjusted										
1995:										
December	42.0	\$12.60	\$11.93	\$529.20	39.6	\$14.44	\$571.82	38.3	\$12.61	\$482.96
1996:										
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	41.8	12.79	12.11	534.62	40.1	14.55	583.46	38.4	12.82	492.29
September	42.3	12.90	12.17	545.67	40.3	14.63	589.59	38.6	13.00	501.80
October	41.9	12.84	12.16	538.00	39.8	14.54	578.69	38.3	12.91	494.45
November ^p	42.1	12.92	12.22	543.93	39.9	14.61	582.94	38.3	13.04	499.43
December ^p	42.8	13.09	12.35	560.25	40.1	14.61	585.86	38.7	13.17	509.68

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

B-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry, 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
1996 ^p	28.8	7.98	229.82	35.9	12.80	459.52	32.4	11.80	382.32
Monthly data, not seasonally adjusted									
1995:									
December	29.0	\$7.80	\$226.20	35.7	\$12.57	\$448.75	32.3	\$11.66	\$376.62
1996:									
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	29.5	7.95	234.53	35.7	12.72	454.10	32.7	11.64	380.63
September	29.1	8.06	234.55	36.5	12.90	470.85	32.6	11.91	388.27
October	28.7	8.11	232.76	35.7	12.88	459.82	32.4	11.94	386.86
November ^p	28.6	8.13	232.52	35.8	12.97	464.33	32.4	12.03	389.77
December ^p	29.2	8.14	237.69	36.8	13.07	480.98	32.7	12.18	398.29

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

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 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										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Total	118,136	118,070	118,579	118,750	118,922	119,332	119,537	119,772	120,052	120,050	120,311	120,438	120,700
Total private	98,789	98,734	99,214	99,356	99,527	99,873	100,091	100,288	100,446	100,531	100,803	100,953	101,184
Goods-producing	24,160	24,112	24,254	24,196	24,209	24,263	24,274	24,264	24,298	24,257	24,284	24,308	24,348
Mining	570	569	573	574	573	576	575	570	570	567	566	567	565
Metal mining	51	51	51	51	51	52	52	52	52	52	52	53	52
Coal mining	102	101	102	101	101	101	101	100	99	98	98	97	97
Oil and gas extraction	310	310	313	314	314	316	314	310	311	309	308	309	307
Nonmetallic minerals, except fuels	107	107	107	108	107	107	108	108	108	108	108	108	109
Construction	5,223	5,234	5,349	5,341	5,353	5,384	5,401	5,427	5,437	5,449	5,464	5,487	5,510
General building contractors	1,202	1,205	1,218	1,223	1,227	1,229	1,232	1,231	1,232	1,233	1,233	1,238	1,245
Heavy construction, except building	750	741	764	770	765	764	768	769	770	765	765	763	765
Special trade contractors	3,271	3,288	3,367	3,348	3,361	3,391	3,401	3,427	3,435	3,451	3,466	3,486	3,500
Manufacturing	18,367	18,309	18,332	18,281	18,283	18,303	18,298	18,267	18,291	18,241	18,254	18,254	18,273
Durable goods	10,667	10,643	10,659	10,623	10,654	10,679	10,696	10,680	10,711	10,675	10,684	10,690	10,708
Lumber and wood products	763	750	756	755	761	762	767	764	769	766	769	770	771
Furniture and fixtures	506	503	502	500	498	500	500	500	499	500	499	501	503
Stone, clay, and glass products	534	532	536	536	534	537	536	535	536	537	538	537	539
Primary metal industries	709	709	708	706	704	705	708	700	706	706	702	702	702
Blast furnaces and basic steel products	240	240	240	239	238	239	239	237	237	237	234	234	233
Fabricated metal products	1,441	1,442	1,443	1,442	1,440	1,442	1,450	1,454	1,456	1,456	1,459	1,461	1,460
Industrial machinery and equipment	2,084	2,085	2,083	2,087	2,086	2,087	2,088	2,088	2,089	2,082	2,088	2,087	2,090
Computer and office equipment	357	357	357	358	358	360	359	357	359	359	360	360	360
Electronic and other electrical equipment	1,645	1,646	1,652	1,651	1,650	1,652	1,651	1,656	1,654	1,649	1,648	1,646	1,642
Electronic components and accessories	605	609	614	614	615	614	614	616	615	613	611	611	611
Transportation equipment	1,764	1,757	1,759	1,726	1,763	1,774	1,775	1,766	1,784	1,764	1,764	1,772	1,781
Motor vehicles and equipment	959	956	957	926	955	968	967	950	967	955	950	951	953
Aircraft and parts	446	446	446	445	447	449	446	453	454	455	463	469	474
Instruments and related products	831	831	831	832	832	834	835	832	833	831	833	830	834
Miscellaneous manufacturing	390	388	389	388	386	386	386	385	385	384	384	384	386
Nondurable goods	7,700	7,666	7,673	7,658	7,629	7,624	7,602	7,587	7,580	7,566	7,570	7,564	7,565
Food and kindred products	1,674	1,672	1,675	1,675	1,667	1,665	1,647	1,640	1,641	1,639	1,641	1,646	1,652
Tobacco products	41	41	41	41	41	41	41	40	39	40	41	42	41
Textile mill products	649	640	644	642	636	637	637	637	633	631	633	628	629
Apparel and other textile products	883	868	873	862	858	853	847	849	837	835	834	827	822
Paper and allied products	685	684	682	681	677	679	676	672	673	674	674	675	675
Printing and publishing	1,535	1,533	1,531	1,531	1,527	1,526	1,528	1,527	1,527	1,527	1,528	1,525	1,523
Chemicals and allied products	1,025	1,026	1,025	1,027	1,024	1,024	1,020	1,019	1,021	1,017	1,017	1,017	1,017
Petroleum and coal products	140	140	140	140	139	139	140	139	139	139	138	138	138
Rubber and misc. plastics products	967	964	963	960	962	963	969	968	976	971	971	974	974
Leather and leather products	101	98	99	99	98	97	97	96	94	93	93	92	94
Service-producing	93,976	93,958	94,325	94,554	94,713	95,069	95,263	95,508	95,754	95,793	96,027	96,130	96,352
Transportation and public utilities	6,249	6,254	6,270	6,292	6,294	6,309	6,329	6,333	6,342	6,337	6,338	6,355	6,360
Transportation	3,977	3,980	3,994	4,011	4,015	4,027	4,045	4,051	4,056	4,052	4,059	4,065	4,077
Railroad transportation	237	235	234	233	233	232	231	229	230	230	231	231	231
Local and interurban passenger transit	436	436	439	442	442	450	454	458	463	458	458	460	463
Trucking and warehousing	1,874	1,874	1,879	1,884	1,882	1,891	1,891	1,888	1,882	1,877	1,877	1,872	1,866
Water transportation	172	172	171	171	173	167	171	172	173	171	172	173	171
Transportation by air	820	822	827	835	837	836	844	848	850	855	859	866	882
Pipelines, except natural gas	14	14	14	14	14	14	14	14	14	14	14	14	14
Transportation services	424	427	430	432	434	437	440	442	444	447	448	449	450
Communications and public utilities	2,272	2,274	2,276	2,281	2,279	2,282	2,284	2,282	2,286	2,285	2,279	2,290	2,283
Communications	1,362	1,367	1,371	1,378	1,378	1,384	1,388	1,391	1,398	1,398	1,393	1,403	1,398
Electric, gas, and sanitary services	910	907	905	903	901	898	896	891	888	887	886	887	885
Wholesale trade	6,498	6,512	6,529	6,548	6,550	6,567	6,575	6,585	6,603	6,619	6,643	6,648	6,657
Durable goods	3,802	3,814	3,826	3,841	3,844	3,850	3,857	3,862	3,871	3,877	3,885	3,889	3,893
Nondurable goods	2,696	2,698	2,703	2,707	2,706	2,717	2,718	2,723	2,732	2,742	2,758	2,759	2,764

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	1996												
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^p	Dec. ^p
Retail trade	21,334	21,268	21,340	21,350	21,415	21,485	21,568	21,671	21,672	21,702	21,803	21,835	21,883
Building materials and garden supplies	882	882	880	887	896	907	917	922	923	930	936	940	945
General merchandise stores	2,674	2,651	2,674	2,687	2,675	2,719	2,721	2,732	2,745	2,737	2,765	2,763	2,748
Department stores	2,348	2,330	2,354	2,363	2,360	2,410	2,408	2,413	2,422	2,415	2,442	2,437	2,421
Food stores	3,402	3,399	3,401	3,403	3,401	3,413	3,420	3,435	3,442	3,440	3,454	3,454	3,457
Automotive dealers and service stations	2,220	2,227	2,234	2,242	2,253	2,259	2,272	2,285	2,291	2,297	2,303	2,308	2,314
New and used car dealers	1,008	1,011	1,015	1,020	1,024	1,027	1,030	1,034	1,037	1,039	1,041	1,042	1,045
Apparel and accessory stores	1,106	1,100	1,099	1,100	1,098	1,100	1,101	1,103	1,098	1,100	1,108	1,105	1,101
Furniture and home furnishings stores	945	949	949	951	957	963	972	981	989	991	998	1,006	1,017
Eating and drinking places	7,441	7,405	7,440	7,413	7,468	7,455	7,485	7,528	7,489	7,504	7,517	7,528	7,555
Miscellaneous retail establishments	2,664	2,655	2,663	2,667	2,667	2,669	2,680	2,685	2,695	2,703	2,722	2,731	2,746
Finance, insurance, and real estate	6,887	6,894	6,919	6,931	6,942	6,964	6,967	6,987	6,999	7,009	7,026	7,036	7,053
Finance	3,266	3,277	3,288	3,293	3,303	3,315	3,319	3,329	3,339	3,341	3,355	3,361	3,372
Depository institutions	2,020	2,022	2,023	2,020	2,023	2,026	2,029	2,030	2,028	2,029	2,035	2,035	2,036
Commercial banks	1,465	1,467	1,467	1,464	1,467	1,468	1,469	1,472	1,471	1,474	1,478	1,479	1,481
Savings institutions	267	266	266	265	265	267	268	265	265	261	260	258	257
Nondepository institutions	484	490	496	501	505	507	509	514	519	522	526	530	534
Security and commodity brokers	528	529	531	532	534	538	541	543	548	547	549	552	555
Holding and other investment offices	234	236	238	240	241	244	240	242	244	243	245	244	247
Insurance	2,251	2,253	2,255	2,257	2,256	2,261	2,259	2,261	2,259	2,265	2,263	2,263	2,267
Insurance carriers	1,546	1,547	1,547	1,549	1,549	1,552	1,551	1,553	1,551	1,554	1,551	1,550	1,553
Insurance agents, brokers, and service	705	706	708	708	707	709	708	708	708	711	712	713	714
Real estate	1,370	1,364	1,376	1,381	1,383	1,388	1,389	1,397	1,401	1,403	1,408	1,412	1,414
Services¹	33,661	33,694	33,902	34,039	34,117	34,285	34,378	34,448	34,532	34,607	34,709	34,771	34,883
Agricultural services	591	593	602	603	606	605	615	619	619	617	621	627	620
Hotels and other lodging places	1,648	1,652	1,657	1,662	1,673	1,681	1,704	1,690	1,684	1,686	1,690	1,692	1,698
Personal services	1,167	1,170	1,174	1,175	1,179	1,184	1,174	1,174	1,179	1,182	1,184	1,185	1,189
Business services	6,963	6,942	7,026	7,058	7,085	7,151	7,188	7,225	7,269	7,267	7,292	7,281	7,326
Services to buildings	892	883	899	898	899	903	895	893	893	891	894	885	884
Personnel supply services	2,534	2,510	2,552	2,565	2,569	2,622	2,648	2,668	2,696	2,691	2,697	2,670	2,685
Help supply services	2,239	2,216	2,254	2,265	2,272	2,322	2,352	2,368	2,393	2,387	2,391	2,361	2,373
Computer and data processing services	1,137	1,140	1,148	1,155	1,169	1,184	1,195	1,206	1,218	1,226	1,239	1,252	1,267
Auto repair, services, and parking	1,047	1,051	1,059	1,066	1,072	1,078	1,085	1,096	1,105	1,108	1,117	1,121	1,132
Miscellaneous repair services	359	358	359	361	363	364	366	365	366	367	366	371	371
Motion pictures	508	513	515	518	517	524	529	532	524	539	536	529	535
Amusement and recreation services	1,473	1,490	1,505	1,518	1,516	1,516	1,504	1,514	1,515	1,522	1,534	1,548	1,560
Health services	9,412	9,427	9,463	9,499	9,520	9,555	9,565	9,576	9,591	9,621	9,642	9,661	9,677
Offices and clinics of medical doctors	1,635	1,638	1,644	1,650	1,659	1,668	1,674	1,677	1,681	1,686	1,689	1,692	1,699
Nursing and personal care facilities	1,715	1,718	1,722	1,728	1,733	1,740	1,744	1,747	1,749	1,751	1,754	1,757	1,761
Hospitals	3,818	3,822	3,833	3,842	3,844	3,851	3,847	3,849	3,849	3,863	3,869	3,875	3,882
Home health care facilities	650	648	653	655	658	657	658	656	658	661	663	664	662
Legal services	924	925	927	928	926	929	929	933	935	934	937	941	943
Educational services	1,978	1,969	1,985	1,991	1,994	1,987	2,001	2,017	2,014	2,005	2,015	2,025	2,026
Social services	2,360	2,362	2,372	2,381	2,389	2,401	2,395	2,390	2,392	2,410	2,416	2,420	2,421
Child day care services	567	567	568	569	569	571	570	568	577	575	580	579	579
Residential care	649	651	654	656	661	663	665	669	672	672	673	675	675
Museums and botanical and zoological gardens	82	83	83	83	84	85	85	85	85	85	85	86	87
Membership organizations	2,136	2,135	2,137	2,136	2,137	2,147	2,148	2,146	2,154	2,150	2,151	2,153	2,155
Engineering and management services	2,821	2,833	2,847	2,868	2,863	2,885	2,897	2,893	2,906	2,921	2,930	2,938	2,950
Engineering and architectural services	825	825	827	829	834	838	848	844	848	853	854	859	861
Management and public relations	865	873	881	894	893	897	900	903	907	917	922	931	937
Government	19,347	19,336	19,365	19,394	19,395	19,459	19,446	19,484	19,606	19,519	19,508	19,485	19,516
Federal	2,790	2,783	2,780	2,780	2,776	2,776	2,756	2,752	2,739	2,739	2,731	2,732	2,720
Federal, except Postal Service	1,939	1,930	1,926	1,922	1,919	1,918	1,906	1,897	1,888	1,883	1,878	1,872	1,864
State	4,634	4,625	4,636	4,639	4,643	4,655	4,654	4,659	4,674	4,658	4,640	4,638	4,648
Education	1,939	1,933	1,945	1,951	1,956	1,963	1,968	1,981	1,984	1,975	1,960	1,958	1,967
Other State government	2,695	2,692	2,691	2,688	2,687	2,692	2,686	2,678	2,690	2,683	2,680	2,680	2,681
Local	11,923	11,928	11,949	11,975	11,976	12,028	12,036	12,073	12,193	12,122	12,137	12,115	12,148
Education	6,649	6,646	6,659	6,675	6,682	6,690	6,719	6,768	6,862	6,787	6,794	6,796	6,801
Other local government	5,274	5,282	5,290	5,300	5,294	5,338	5,317	5,305	5,331	5,335	5,343	5,319	5,347

¹ Includes other industries, not shown separately.

^p = 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									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Total	56,960	57,039	57,134	57,014	57,315	57,419	57,508	57,681	57,816	57,974	58,129	58,156	58,320
Total private	46,327	46,409	46,491	46,384	46,653	46,739	46,820	46,969	47,118	47,230	47,294	47,369	47,530
Goods-producing	6,608	6,605	6,594	6,568	6,583	6,573	6,559	6,562	6,562	6,560	6,554	6,547	6,554
Mining	80	79	79	79	79	79	79	79	79	78	77	77	77
Construction	581	584	587	591	595	598	599	602	606	610	612	610	613
Manufacturing	5,947	5,942	5,928	5,898	5,909	5,896	5,881	5,881	5,877	5,872	5,865	5,860	5,864
Durable goods	2,805	2,808	2,809	2,808	2,810	2,804	2,807	2,808	2,817	2,815	2,824	2,817	2,817
Lumber and wood products	128	128	128	127	128	129	129	130	132	132	132	132	133
Furniture and fixtures	157	156	156	156	156	156	155	155	156	158	157	157	156
Stone, clay, and glass products	102	103	102	102	102	101	101	101	101	100	101	100	101
Primary metal industries	100	100	100	100	100	100	100	100	102	99	101	101	100
Fabricated metal products	316	316	316	317	316	316	316	318	318	320	321	321	322
Industrial machinery and equipment	448	450	451	452	451	451	451	450	452	452	453	451	452
Electronic and other electrical equipment	683	684	685	685	686	686	685	684	684	686	682	683	680
Transportation equipment	355	355	355	354	356	350	356	356	358	355	364	361	361
Instruments and related products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Miscellaneous manufacturing	173	174	174	173	173	173	172	172	172	172	172	171	171
Nondurable goods	3,142	3,134	3,119	3,090	3,099	3,092	3,074	3,073	3,060	3,057	3,041	3,043	3,047
Food and kindred products	553	553	551	547	549	551	544	547	538	536	534	536	538
Tobacco products	12	12	12	12	12	12	13	13	13	12	11	12	13
Textile mill products	307	306	304	298	302	301	298	298	298	296	294	294	294
Apparel and other textile products	677	671	664	651	654	647	642	637	631	633	619	622	622
Paper and allied products	164	164	164	164	164	163	162	163	163	162	162	162	163
Printing and publishing	690	691	691	687	687	687	686	687	689	689	691	689	690
Chemicals and allied products	327	326	324	325	325	326	325	323	322	322	322	322	322
Petroleum and coal products	24	24	24	24	24	24	23	24	24	24	24	24	24
Rubber and misc. plastics products	330	330	329	327	327	326	327	328	328	331	332	330	330
Leather and leather products	58	57	56	55	55	55	54	53	54	52	52	52	51
Service-producing	50,352	50,434	50,540	50,446	50,732	50,846	50,949	51,119	51,254	51,414	51,575	51,609	51,766
Transportation and public utilities	1,846	1,856	1,866	1,872	1,883	1,891	1,896	1,901	1,909	1,912	1,916	1,921	1,918
Wholesale trade	1,989	1,997	2,003	2,008	2,014	2,019	2,018	2,019	2,031	2,035	2,043	2,050	2,057
Retail trade	11,209	11,211	11,218	11,152	11,236	11,243	11,268	11,309	11,364	11,421	11,411	11,422	11,484
Finance, insurance, and real estate	4,326	4,336	4,342	4,348	4,360	4,369	4,377	4,395	4,395	4,405	4,410	4,421	4,428
Services	20,349	20,404	20,468	20,436	20,577	20,644	20,702	20,783	20,857	20,897	20,960	21,008	21,089
Government	10,633	10,630	10,643	10,630	10,662	10,680	10,688	10,712	10,698	10,744	10,835	10,787	10,790
Federal	1,178	1,176	1,175	1,170	1,170	1,169	1,171	1,170	1,161	1,160	1,155	1,154	1,155
State	2,346	2,347	2,348	2,332	2,348	2,347	2,354	2,341	2,345	2,344	2,361	2,350	2,352
Local	7,109	7,107	7,120	7,128	7,144	7,164	7,163	7,201	7,192	7,240	7,319	7,283	7,283

¹ 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 workers¹ on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted

(In thousands)

Industry	1996												
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Total private	80,907	80,706	81,303	81,378	81,550	81,807	82,016	82,209	82,331	82,377	82,634	82,698	82,900
Goods-producing	17,162	17,131	17,270	17,186	17,203	17,228	17,247	17,241	17,262	17,233	17,257	17,280	17,320
Mining	417	419	425	426	425	428	428	423	425	422	422	423	423
Construction	4,037	4,056	4,174	4,141	4,154	4,169	4,185	4,204	4,211	4,220	4,229	4,252	4,280
Manufacturing	12,708	12,656	12,671	12,619	12,624	12,631	12,634	12,614	12,626	12,591	12,606	12,605	12,617
Durable goods	7,309	7,288	7,298	7,263	7,289	7,300	7,326	7,313	7,339	7,307	7,318	7,321	7,330
Lumber and wood products	627	615	620	620	625	627	630	629	633	630	634	635	636
Furniture and fixtures	399	397	396	394	392	397	395	398	396	396	395	395	397
Stone, clay, and glass products	415	412	417	417	415	416	417	416	418	418	420	418	420
Primary metal industries	551	552	550	550	547	548	552	545	551	549	549	548	548
Blast furnaces and basic steel products	183	183	183	183	183	184	184	183	183	182	181	182	180
Fabricated metal products	1,081	1,082	1,082	1,083	1,080	1,082	1,089	1,092	1,097	1,095	1,097	1,098	1,098
Industrial machinery and equipment	1,306	1,304	1,302	1,301	1,301	1,302	1,301	1,301	1,302	1,295	1,300	1,301	1,303
Electronic and other electrical equipment	1,052	1,052	1,055	1,052	1,054	1,054	1,051	1,056	1,052	1,048	1,045	1,042	1,037
Transportation equipment	1,190	1,188	1,189	1,160	1,191	1,188	1,205	1,195	1,208	1,193	1,195	1,202	1,205
Motor vehicles and equipment	758	757	758	729	754	760	765	752	772	754	750	750	752
Instruments and related products	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Miscellaneous manufacturing	276	274	275	274	272	272	273	271	270	270	270	270	272
Nondurable goods	5,399	5,368	5,373	5,356	5,335	5,331	5,308	5,301	5,287	5,284	5,288	5,284	5,287
Food and kindred products	1,236	1,235	1,237	1,238	1,232	1,234	1,216	1,211	1,209	1,210	1,214	1,218	1,225
Tobacco products	32	31	32	32	32	31	32	31	29	31	32	33	32
Textile mill products	548	539	545	543	538	539	538	538	536	535	537	533	535
Apparel and other textile products	725	713	718	707	705	700	695	698	686	684	681	677	672
Paper and allied products	519	519	517	516	513	513	511	509	511	513	514	514	515
Printing and publishing	841	839	837	837	834	833	834	834	834	832	833	832	828
Chemicals and allied products	577	577	574	572	571	569	567	565	564	563	562	561	561
Petroleum and coal products	90	90	90	90	89	90	90	90	90	90	90	90	91
Rubber and misc. plastics products	752	748	746	745	745	747	750	751	756	754	753	755	755
Leather and leather products	79	77	77	76	76	75	75	74	72	72	72	71	73
Service-producing	63,745	63,575	64,033	64,192	64,347	64,579	64,769	64,968	65,069	65,144	65,377	65,418	65,580
Transportation and public utilities	5,243	5,245	5,275	5,287	5,292	5,304	5,317	5,324	5,326	5,332	5,331	5,342	5,348
Wholesale trade	5,257	5,267	5,281	5,295	5,296	5,311	5,312	5,320	5,337	5,351	5,372	5,376	5,381
Retail trade	18,758	18,647	18,780	18,791	18,859	18,916	18,980	19,057	19,051	19,081	19,183	19,186	19,226
Finance, insurance, and real estate	5,021	5,027	5,046	5,061	5,068	5,085	5,087	5,101	5,107	5,115	5,129	5,131	5,143
Services	29,466	29,389	29,651	29,758	29,832	29,963	30,073	30,166	30,248	30,265	30,362	30,383	30,482

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

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

components, cannot be separated with sufficient precision.

^P = preliminary.

NOTE: 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.
Private nonfarm payrolls, 356 industries ¹												
Over 1-month span:												
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	57.3	52.7	63.1	^P 56.9	^P 60.3
Over 3-month span:												
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	60.3	56.7	60.8	^P 59.6	^P 65.6	
Over 6-month span:												
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	62.6	59.0	65.2	^P 62.6	^P 62.6			
Over 12-month span:												
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	61.7	61.5	61.1	^P 62.6	^P 65.2						
Manufacturing payrolls, 139 industries ¹												
Over 1-month span:												
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	50.0	44.6	54.3	^P 46.8	^P 52.9
Over 3-month span:												
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	45.7	40.6	50.7	^P 46.0	^P 52.2	
Over 6-month span:												
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	42.4	37.8	48.6	^P 43.5	^P 45.0			
Over 12-month span:												
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	33.1	33.8	35.6	^P 36.3	^P 41.7						

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

^P preliminary.

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

indicates an equal balance between industries with increasing and decreasing employment. Establishment survey estimates are currently projected from March 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										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. P
	Total ¹												
Alabama	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	1,819.2	1,823.6	1,827.1	1,829.6
Alaska	264.0	263.7	260.9	264.7	263.2	261.8	263.5	265.5	264.7	263.8	266.0	265.9	264.6
Arizona	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	1,872.5	1,877.9	1,875.7	1,890.2
Arkansas	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	1,089.2	1,090.7	1,093.7	1,095.5
California	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	12,789.9	12,826.1	12,849.9	12,879.6
Colorado	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	1,893.4	1,894.0	1,894.7	1,902.4
Connecticut	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	1,583.6	1,586.1	1,584.7	1,583.7
Delaware	369.1	371.0	365.7	374.1	372.5	378.1	377.9	377.6	375.0	374.7	375.4	375.7	376.8
District of Columbia	638.4	637.7	629.9	634.2	633.9	633.6	632.3	632.8	628.5	629.7	626.6	626.8	627.1
Florida	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	6,186.4	6,219.0	6,236.2	6,251.3
Georgia	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	3,559.7	3,545.4	3,558.5	3,573.5
Hawaii	530.6	529.5	527.7	530.6	529.2	527.5	529.5	529.2	527.3	527.3	524.8	524.6	522.2
Idaho	482.9	484.8	485.0	485.6	488.3	493.8	498.9	501.2	502.2	504.4	503.2	504.0	502.5
Illinois	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	5,712.4	5,707.8	5,721.7	5,727.5
Indiana	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	2,785.9	2,805.4	2,809.0	2,808.9
Iowa	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	1,379.9	1,381.7	1,388.9	1,392.5
Kansas	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	1,230.0	1,238.8	1,249.7
Kentucky	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	1,673.5	1,673.8	1,678.4	1,681.1
Louisiana	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	1,802.9	1,806.0	1,803.0	1,806.7
Maine	544.6	545.4	544.3	544.8	544.5	542.5	542.0	542.5	540.4	542.2	543.7	544.5	545.5
Maryland	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	2,196.1	2,193.0	2,191.7	2,194.4
Massachusetts	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	3,028.9	3,032.3	3,031.1	3,037.1
Michigan	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	4,338.3	4,349.9	4,355.4	4,355.5
Minnesota	2,391.5	2,390.8	2,393.2	2,400.3	2,409.3	2,410.8	2,417.5	2,426.8	2,431.8	2,437.5	2,438.3	2,437.7	2,445.9
Mississippi	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	1,079.6	1,072.6	1,072.1	1,074.5
Missouri	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	2,566.7	2,561.1	2,575.7	2,581.3
Montana	352.7	353.3	352.0	355.4	356.2	356.6	358.9	359.6	358.9	360.1	359.5	359.5	361.6
Nebraska	817.7	819.8	818.9	822.7	824.6	827.8	829.9	825.6	826.0	830.2	828.1	831.5	838.2
Nevada	814.3	817.3	823.2	827.0	831.5	833.6	838.0	846.1	851.3	851.9	858.1	860.2	869.8
New Hampshire	545.3	546.1	542.4	544.7	545.2	547.5	549.3	549.8	551.3	550.1	548.1	552.0	551.4
New Jersey	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	3,643.1	3,648.1	3,650.6	3,655.5
New Mexico	700.2	703.6	707.0	709.0	710.9	710.8	714.2	720.5	718.1	719.2	716.6	716.5	718.6
New York	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	7,934.5	7,944.3	7,953.2	7,953.4
North Carolina	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	3,516.0	3,523.3	3,537.8	3,543.8
North Dakota	305.3	305.3	304.7	305.6	307.4	307.2	309.9	309.6	309.7	310.5	310.8	311.6	312.0
Ohio	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	5,324.6	5,306.0	5,318.5	5,318.2
Oklahoma	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	1,353.9	1,356.9	1,364.6	1,369.8
Oregon	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	1,483.8	1,489.6	1,492.7	1,502.0
Pennsylvania	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	5,288.3	5,284.8	5,289.0	5,287.8
Rhode Island	443.2	443.9	443.8	445.0	445.3	442.9	444.5	443.7	440.1	443.5	444.2	444.2	446.4
South Carolina	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	1,690.9	1,690.4	1,688.9	1,701.0
South Dakota	348.7	349.6	351.1	351.8	352.8	352.6	354.4	353.9	354.2	353.6	352.5	354.1	356.1
Tennessee	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	2,562.9	2,573.9	2,582.1	2,587.5
Texas	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	8,300.8	8,315.0	8,338.9	8,357.6
Utah	926.4	931.4	933.3	937.9	944.8	952.6	954.1	959.3	960.4	964.9	970.7	970.4	973.3
Vermont	272.2	272.6	272.9	273.0	273.5	274.2	273.2	274.2	274.9	275.1	276.5	276.5	276.1
Virginia	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	3,127.6	3,130.7	3,137.6	3,140.2
Washington	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	2,423.7	2,430.2	2,433.8	2,437.9
West Virginia	692.5	692.0	686.1	693.8	696.2	696.1	708.9	700.8	698.3	697.3	697.2	697.0	698.0
Wisconsin	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	2,596.1	2,599.2	2,605.7	2,609.9
Wyoming	220.1	221.4	222.6	222.8	223.3	222.5	221.1	222.1	220.4	220.8	222.7	221.5	221.4

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

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

(in thousands)

State	1995		1996										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.P
	Construction												
Alabama	87.9	87.7	89.6	88.5	88.9	88.3	88.3	87.8	87.5	88.2	88.6	88.3	90.1
Alaska	13.1	12.9	12.8	12.9	12.4	12.8	13.4	13.7	13.3	13.5	13.4	13.1	13.1
Arizona	119.0	120.6	122.6	124.6	122.7	123.0	123.2	122.5	123.5	124.5	124.6	125.1	125.8
Arkansas	44.9	45.2	45.3	46.2	46.7	46.5	46.4	46.6	47.1	47.6	47.8	47.7	47.6
California	505.6	505.7	512.7	503.7	496.1	499.6	504.5	511.3	515.5	520.9	528.5	529.8	536.8
Colorado	105.3	108.4	110.5	113.4	114.6	112.2	112.3	112.6	111.7	112.5	112.2	112.2	113.4
Connecticut	50.9	51.0	51.8	53.7	54.3	54.2	54.6	55.5	54.8	54.4	54.0	53.0	52.8
Delaware	19.0	19.1	18.3	19.3	19.9	20.4	20.3	20.3	20.2	20.6	20.7	20.9	21.2
District of Columbia	9.0	8.9	8.2	8.7	9.1	9.1	9.2	8.9	9.1	9.1	9.2	9.2	9.3
Florida	305.4	306.7	307.4	311.9	312.3	312.3	312.2	312.2	309.7	309.8	311.0	311.0	311.7
Georgia	159.7	159.7	160.8	163.7	164.1	163.5	164.2	163.0	161.0	158.9	159.2	159.3	160.9
Hawaii ²	26.2	26.0	25.5	24.9	24.7	24.7	24.4	24.2	24.1	24.1	23.6	23.3	20.9
Idaho	31.0	31.3	31.5	32.1	32.7	33.8	34.9	34.4	34.4	34.6	34.4	34.0	33.0
Illinois	214.5	218.2	219.0	217.1	218.7	217.4	213.1	217.4	218.6	218.4	218.1	217.2	220.1
Indiana	125.4	127.3	128.7	130.2	130.7	131.7	131.9	134.8	135.3	133.4	133.3	133.2	130.9
Iowa	55.9	58.5	56.0	56.3	56.7	56.5	55.4	56.4	56.7	56.9	57.2	57.4	57.8
Kansas	53.2	53.8	56.9	57.5	57.9	57.6	56.3	56.3	56.0	55.6	55.8	55.7	56.0
Kentucky	71.8	72.0	71.4	73.0	73.7	74.3	75.0	74.7	75.4	75.4	74.8	74.8	75.2
Louisiana	109.7	109.1	112.6	112.6	113.1	111.5	111.1	112.3	112.3	113.2	112.7	110.9	111.6
Maine	22.3	22.4	22.3	22.1	22.0	21.8	21.7	21.5	21.9	22.1	22.4	22.7	22.6
Maryland	126.3	126.4	117.6	127.7	130.6	129.2	127.6	126.8	125.8	126.3	126.5	126.7	127.4
Massachusetts	90.7	90.8	90.3	93.1	92.0	92.6	93.0	93.6	93.2	93.3	93.3	93.2	93.4
Michigan	155.3	159.5	160.1	160.6	163.7	164.4	167.4	168.6	170.1	169.1	169.7	170.7	170.2
Minnesota	83.0	83.3	82.2	83.0	83.3	82.4	83.2	85.2	86.5	86.7	86.4	86.5	85.6
Mississippi	45.6	46.6	47.7	47.2	49.2	49.5	50.2	51.2	52.0	50.2	49.9	50.0	51.0
Missouri	111.0	111.5	113.1	112.9	114.1	114.8	111.8	110.1	111.9	111.2	110.5	112.9	114.1
Montana	16.0	16.1	16.1	16.4	16.2	16.4	16.5	16.4	16.2	15.8	16.6	16.8	16.6
Nebraska	34.7	34.7	34.5	34.5	35.2	35.1	34.8	35.1	35.2	35.4	35.6	35.4	35.3
Nevada	67.7	69.0	69.3	70.0	70.2	70.6	71.2	72.7	73.5	74.7	75.8	76.3	77.2
New Hampshire	20.3	20.2	20.2	20.0	19.8	19.7	19.9	20.2	20.0	20.2	20.1	20.3	20.3
New Jersey	123.5	123.1	119.4	123.5	124.6	125.0	124.4	124.4	123.7	123.0	123.7	122.6	123.1
New Mexico	47.2	48.2	48.3	49.1	49.4	50.2	50.3	50.0	49.3	49.0	48.7	47.8	47.2
New York	249.7	249.3	242.7	246.5	247.4	250.5	254.5	254.7	257.3	258.7	260.1	259.9	258.0
North Carolina	176.1	176.6	166.5	177.9	179.7	179.1	178.6	180.9	181.7	182.1	183.9	185.0	186.0
North Dakota	13.6	13.6	13.8	13.7	14.1	14.3	15.2	15.0	15.5	15.8	15.5	15.2	15.1
Ohio	208.1	209.8	208.5	210.2	213.5	214.6	214.6	214.7	213.7	212.1	212.3	214.2	214.3
Oklahoma	48.6	49.0	49.4	49.0	49.2	49.7	49.7	49.3	49.4	49.8	49.7	50.1	50.2
Oregon	70.5	69.8	72.7	73.4	72.7	74.3	73.8	74.6	76.2	76.8	77.1	78.4	78.1
Pennsylvania	199.3	198.5	195.4	199.5	203.3	200.2	198.7	201.7	203.4	202.1	202.2	202.5	201.2
Rhode Island	13.7	13.5	13.8	13.8	13.7	13.3	13.7	14.3	14.4	13.6	13.3	13.7	13.9
South Carolina	86.6	86.4	87.3	88.4	88.3	89.0	88.9	89.9	89.7	89.7	89.4	89.5	89.5
South Dakota	14.3	14.4	14.8	14.8	14.7	14.7	14.6	14.6	15.0	14.3	14.3	14.5	14.7
Tennessee	109.2	109.4	111.8	112.2	115.6	115.5	114.6	116.7	117.6	117.6	118.0	118.3	118.2
Texas	420.1	423.0	426.0	425.9	426.5	426.0	429.5	429.0	429.2	429.8	433.3	436.2	438.8
Utah	57.3	57.9	58.1	59.1	62.7	62.8	62.0	61.8	62.1	63.2	64.1	64.3	63.0
Vermont	12.2	12.1	12.5	12.3	12.9	12.8	12.9	13.1	13.1	13.3	13.8	13.5	13.0
Virginia	169.7	170.9	162.8	170.4	173.2	170.3	171.7	172.5	171.7	171.3	171.9	171.5	172.2
Washington	123.0	123.2	123.2	123.2	124.7	123.7	124.0	125.3	125.0	125.6	126.2	125.4	125.8
West Virginia	32.8	32.8	28.9	32.7	32.7	33.1	33.4	33.6	33.6	34.4	35.1	35.8	35.7
Wisconsin	101.9	101.3	100.9	98.5	102.1	102.8	104.8	106.1	109.0	110.6	110.6	110.2	109.6
Wyoming	14.3	14.7	15.3	15.4	15.4	14.7	13.7	14.4	13.8	14.0	14.5	14.3	13.8

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										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.P
	Manufacturing												
Alabama	388.4	387.1	385.5	384.9	380.9	378.5	378.9	377.7	378.1	376.6	377.0	377.8	378.6
Alaska	18.4	18.4	16.3	19.1	17.8	15.7	15.2	15.4	16.2	15.6	17.2	17.3	15.9
Arizona	194.3	195.3	196.0	197.3	197.4	197.8	198.1	197.9	198.6	198.9	199.7	200.4	200.6
Arkansas	258.6	258.8	258.1	257.4	256.6	255.2	254.0	254.1	253.3	254.3	254.2	254.8	254.9
California	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	1,828.9	1,829.0	1,829.6	1,830.9
Colorado	192.8	192.5	193.5	193.7	194.2	194.6	194.9	195.0	195.6	195.8	195.6	195.5	195.8
Connecticut	278.3	277.7	277.3	278.0	278.2	277.3	277.2	276.6	277.5	278.3	274.5	274.5	275.7
Delaware	61.1	61.1	57.3	61.5	57.6	62.5	61.4	61.1	59.1	57.2	57.4	57.4	57.5
District of Columbia	13.0	13.0	12.8	12.9	12.9	13.0	12.8	13.0	13.0	13.0	12.9	12.7	12.9
Florida	481.7	481.5	479.9	480.2	480.2	479.3	479.2	480.5	480.4	480.0	479.6	479.7	479.6
Georgia	586.0	586.0	586.9	588.4	588.1	587.0	586.9	586.9	588.8	590.0	589.3	592.7	592.1
Hawaii	17.0	17.0	16.9	16.7	16.5	16.5	16.5	16.6	16.5	16.3	16.2	16.4	16.2
Idaho	71.6	72.0	71.9	72.0	73.0	73.4	73.4	73.7	74.0	74.4	74.2	73.9	73.8
Illinois	968.4	970.3	977.8	977.8	978.4	979.1	979.2	980.4	979.0	977.7	976.7	978.9	978.3
Indiana	684.0	683.5	680.9	681.7	678.9	677.7	678.3	677.5	666.7	680.2	679.7	678.2	678.6
Iowa	250.4	250.9	251.1	249.3	250.0	250.5	248.5	248.2	246.9	248.1	249.9	250.9	251.4
Kansas	187.0	194.1	195.1	195.2	194.8	194.9	195.1	195.1	196.2	197.4	197.9	198.4	198.9
Kentucky	314.4	315.3	314.2	314.8	314.1	313.0	312.6	312.1	309.3	308.5	310.0	310.5	310.2
Louisiana	188.7	188.8	188.9	189.5	187.4	190.0	190.8	190.2	190.4	189.8	189.5	187.7	187.1
Maine	91.3	90.9	91.0	90.4	90.1	89.7	89.2	88.8	88.1	88.6	88.0	87.9	88.1
Maryland	174.9	174.3	172.6	174.2	173.9	174.1	174.7	174.3	173.9	173.6	173.6	173.1	173.1
Massachusetts	446.1	447.1	446.3	446.2	444.8	443.4	443.5	444.0	444.2	442.9	440.9	440.8	441.1
Michigan	958.8	971.6	972.3	967.8	946.2	959.0	961.1	966.0	954.1	970.7	969.0	962.7	959.5
Minnesota	427.2	426.8	427.4	427.0	428.6	429.4	427.8	428.4	429.7	429.6	430.0	427.7	429.9
Mississippi	251.2	251.1	249.5	247.5	244.9	245.7	245.0	243.0	242.7	242.3	241.0	239.8	238.4
Missouri	420.4	420.9	422.8	422.6	420.3	421.1	420.7	414.5	416.0	412.3	410.1	413.7	413.2
Montana	23.1	23.1	23.3	23.1	23.5	23.6	23.6	23.7	23.8	23.8	23.5	23.3	23.7
Nebraska	111.6	111.5	112.4	112.3	112.5	113.2	113.4	113.0	112.7	113.5	113.4	113.0	114.2
Nevada	38.0	38.1	38.6	38.7	38.7	38.6	38.7	38.9	38.8	38.9	39.2	39.5	39.7
New Hampshire	101.8	102.1	101.7	101.8	101.8	101.6	101.9	101.6	102.3	101.5	101.0	101.2	100.7
New Jersey	493.7	492.4	488.1	492.8	492.4	490.5	491.2	488.7	489.6	488.1	485.5	483.7	484.0
New Mexico	45.9	46.0	46.1	46.2	46.5	46.6	46.6	47.0	46.5	47.5	47.0	46.6	46.4
New York	943.2	943.8	943.9	943.2	939.6	936.6	935.7	934.8	933.5	930.9	927.6	925.4	924.5
North Carolina	853.1	851.7	844.2	849.1	846.5	842.1	845.2	842.4	842.1	839.8	838.9	839.8	839.4
North Dakota	21.5	21.4	21.0	21.0	21.1	21.2	21.6	21.5	21.3	21.5	21.7	22.1	22.0
Ohio	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	1,094.8	1,088.0	1,088.8	1,080.2
Oklahoma	170.2	170.1	167.5	166.9	171.1	171.1	171.8	172.4	172.1	174.1	173.5	173.7	173.1
Oregon	229.0	229.5	232.4	230.3	231.3	230.7	230.3	229.5	230.0	232.7	232.6	232.5	234.3
Pennsylvania	933.8	931.3	920.7	927.5	927.3	926.8	926.5	927.2	925.4	925.7	924.1	924.7	925.8
Rhode Island	83.6	83.3	83.2	83.4	83.5	83.4	82.9	82.5	79.8	82.4	81.9	81.6	81.6
South Carolina	374.7	373.8	373.2	372.9	372.2	369.2	369.5	368.2	368.6	367.4	365.9	365.1	363.2
South Dakota	47.1	46.7	47.2	47.1	46.6	47.1	48.2	48.3	48.3	48.4	48.2	48.6	48.7
Tennessee	538.8	537.3	535.8	535.6	534.6	530.9	530.6	528.3	524.0	527.9	529.1	528.7	527.6
Texas	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	1,045.2	1,045.4	1,046.3	1,047.6
Utah	125.8	126.2	126.6	127.7	128.4	129.7	129.8	130.3	130.3	131.2	131.3	131.3	132.5
Vermont	45.7	45.6	45.6	46.0	45.8	46.1	46.1	45.9	46.3	46.3	46.2	46.1	46.3
Virginia	397.8	398.1	393.4	398.8	397.5	395.7	395.7	394.1	395.3	394.7	394.1	394.3	394.2
Washington	310.2	332.2	331.8	332.0	332.5	333.3	334.0	336.8	341.0	343.9	345.4	348.2	349.9
West Virginia	82.2	82.4	81.4	82.3	82.4	81.8	81.8	81.4	81.9	81.5	81.5	81.1	80.9
Wisconsin	601.9	601.7	602.6	601.0	600.4	599.2	601.0	600.9	598.1	599.5	598.7	601.2	600.1
Wyoming	10.0	9.9	10.1	9.8	9.9	9.9	9.8	9.8	10.0	10.0	10.1	10.1	10.3

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

State	1995		1996										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.F
	Transportation and public utilities												
Alabama	89.1	88.9	89.4	89.2	88.6	88.5	88.6	89.1	88.8	88.4	89.6	89.0	89.0
Alaska	23.0	22.9	22.9	23.2	22.8	22.7	22.3	22.1	21.9	22.1	22.9	23.2	23.3
Arizona	86.6	86.4	87.5	88.2	88.1	88.1	87.8	88.5	88.5	89.1	89.2	89.3	89.5
Arkansas	64.5	65.3	65.7	65.4	65.5	65.9	65.6	65.6	65.7	65.6	65.9	65.7	66.0
California	634.3	629.9	628.7	631.8	632.2	636.3	636.8	639.1	642.4	644.3	643.2	643.8	643.6
Colorado	119.5	119.9	121.0	121.3	121.7	121.6	121.1	121.2	120.9	120.7	119.6	119.1	119.6
Connecticut	71.3	71.5	71.2	71.5	71.4	71.6	71.5	71.6	71.6	71.6	72.2	72.3	72.8
Delaware	15.9	15.9	16.1	16.4	16.5	16.5	16.5	16.4	16.4	16.6	16.3	16.3	16.2
District of Columbia	20.0	20.0	19.6	19.8	19.6	19.6	19.5	19.4	19.3	19.4	19.5	19.6	19.6
Florida	305.3	306.5	307.7	308.4	309.2	309.0	309.6	311.5	311.6	311.9	312.3	313.1	314.9
Georgia	217.6	218.0	218.5	219.3	220.7	221.8	223.1	224.1	224.8	225.1	225.1	225.2	225.7
Hawaii	40.7	40.9	40.8	40.8	40.7	40.0	40.5	40.7	40.5	40.6	40.4	40.4	40.5
Idaho	32.2	33.1	33.3	33.5	33.4	33.4	33.5	33.3	33.5	33.9	33.7	33.9	33.5
Illinois	327.5	329.1	327.4	327.0	327.0	329.3	328.3	328.7	329.8	329.7	328.4	327.8	328.8
Indiana	140.0	140.1	140.3	140.1	139.8	140.1	139.3	138.7	138.8	139.0	138.3	138.9	139.4
Iowa	62.2	62.2	62.9	62.7	62.8	62.3	62.4	62.3	62.6	62.7	63.2	63.2	63.2
Kansas	69.1	68.3	69.2	69.2	69.3	69.7	69.5	69.7	70.2	70.4	70.2	70.2	70.6
Kentucky	92.5	92.6	93.4	93.0	92.8	93.1	93.5	93.5	93.5	93.1	92.8	93.0	93.2
Louisiana	107.8	107.8	107.5	107.7	106.4	107.2	107.8	108.4	108.3	108.6	108.9	108.7	108.9
Maine	22.2	22.3	22.1	22.2	22.1	22.1	22.2	22.4	22.0	21.9	22.0	22.1	22.3
Maryland	104.8	104.5	106.0	106.7	106.5	106.0	105.7	105.9	106.4	106.7	105.5	104.9	104.9
Massachusetts	129.9	129.5	128.7	128.4	128.6	126.9	128.1	127.4	127.5	127.2	128.1	129.0	129.4
Michigan	166.5	167.0	168.7	170.4	171.3	169.3	168.8	168.5	168.8	168.6	169.3	168.9	168.3
Minnesota	117.2	116.7	117.3	118.7	119.4	118.9	119.6	120.6	121.2	120.7	120.5	120.6	120.4
Mississippi	49.5	49.3	49.4	49.9	49.2	49.1	48.8	48.7	49.0	48.4	48.7	48.1	48.2
Missouri	161.7	161.9	163.4	163.2	163.3	163.5	163.8	164.1	164.0	166.1	164.5	166.2	166.6
Montana	20.7	20.8	20.9	20.9	21.1	21.2	21.1	21.1	21.1	21.0	21.0	20.9	20.9
Nebraska	49.6	49.4	49.3	49.3	49.5	49.4	49.4	49.7	50.4	50.6	50.1	50.3	50.3
Nevada	41.6	41.7	41.9	42.0	42.2	42.4	42.5	42.6	42.8	42.8	42.9	43.0	43.3
New Hampshire	20.1	20.3	20.4	20.3	20.1	20.4	20.4	20.6	20.8	21.1	20.6	20.6	20.7
New Jersey	252.2	252.0	251.9	249.3	247.7	249.3	248.7	248.5	247.9	248.8	249.6	250.3	249.9
New Mexico	31.2	31.3	31.5	31.4	31.3	31.3	31.5	32.0	31.5	31.4	31.3	31.1	31.1
New York	405.4	404.9	405.6	405.4	405.8	402.4	405.2	404.5	404.2	404.4	403.7	406.0	405.0
North Carolina	163.8	163.6	164.1	164.5	164.0	164.4	164.3	164.9	165.1	165.1	165.0	164.5	165.7
North Dakota	18.8	18.7	18.2	18.2	18.5	18.2	18.5	18.4	18.3	18.4	18.4	18.5	18.4
Ohio	231.5	231.3	232.3	229.4	228.4	229.3	228.7	229.1	230.8	231.0	231.0	231.5	232.5
Oklahoma	74.2	74.7	74.9	75.2	75.2	75.6	75.8	76.0	76.2	76.9	77.0	77.3	77.3
Oregon	71.8	72.2	73.2	72.7	72.9	73.5	73.0	72.7	73.6	73.5	74.1	74.2	73.8
Pennsylvania	272.5	271.3	268.6	270.0	270.6	270.3	269.3	270.4	270.6	271.3	270.6	270.1	271.1
Rhode Island	15.2	15.3	15.2	15.0	15.0	15.1	15.1	15.3	15.0	15.0	15.1	15.4	15.5
South Carolina	71.9	71.9	71.4	71.1	71.8	72.5	72.2	72.6	73.6	74.0	73.9	73.8	74.0
South Dakota	16.1	16.3	16.1	16.2	16.3	16.2	16.3	16.3	16.3	16.2	16.0	16.2	16.1
Tennessee	136.7	137.9	137.6	138.3	138.1	138.5	137.7	137.9	137.7	137.1	137.5	137.5	137.5
Texas	479.8	483.3	479.7	481.2	485.4	486.8	488.4	490.3	487.3	489.2	492.4	492.4	493.4
Utah	51.7	52.2	52.7	52.7	53.2	53.8	53.6	53.6	52.9	53.1	53.6	53.8	54.8
Vermont	12.0	12.1	11.9	12.0	12.1	12.0	12.1	12.1	11.8	11.8	12.0	11.9	11.9
Virginia	158.6	158.1	159.8	161.1	161.9	161.9	161.0	162.3	161.3	162.6	162.4	163.9	163.7
Washington	121.7	122.2	120.8	120.8	121.7	121.5	122.2	122.0	121.6	122.3	122.0	123.3	122.5
West Virginia	40.4	40.2	39.7	40.1	40.2	40.0	39.6	39.6	39.4	39.0	38.9	39.1	39.4
Wisconsin	119.4	119.1	119.5	119.1	119.3	119.0	119.9	119.1	119.7	119.7	120.3	120.3	120.8
Wyoming	13.6	13.6	13.6	13.6	13.6	13.4	13.6	13.6	13.6	13.5	13.5	13.5	13.6

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										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.P
	Wholesale and retail trade												
Alabama	417.3	417.1	418.3	417.8	421.2	421.1	421.4	422.7	425.0	423.8	424.7	424.1	424.3
Alaska	53.7	53.9	54.2	54.4	54.4	54.6	55.3	56.1	55.9	55.8	55.1	55.1	54.8
Arizona	453.0	454.2	454.4	457.0	460.1	460.1	462.5	463.3	466.1	467.8	467.7	471.5	473.7
Arkansas	245.1	245.9	246.1	246.5	248.0	247.9	249.0	250.2	249.7	250.1	250.6	252.1	252.4
California	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	3,004.3	3,011.5	3,014.0	3,026.5
Colorado	470.0	472.0	475.2	473.3	475.3	472.4	477.7	468.0	468.9	469.6	470.2	471.1	472.3
Connecticut	340.7	340.5	341.0	343.3	344.3	344.5	345.7	345.8	346.9	348.6	347.4	348.2	347.6
Delaware	83.9	84.5	83.8	84.7	85.8	85.7	85.5	85.3	84.8	85.0	85.8	86.1	86.4
District of Columbia	52.0	51.6	50.2	51.2	51.6	52.1	52.1	52.1	51.8	51.7	51.9	52.2	52.4
Florida	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	1,597.3	1,603.2	1,609.8	1,615.9
Georgia	887.2	888.7	888.8	890.3	897.2	900.3	905.6	912.3	930.2	917.2	912.9	920.4	925.3
Hawaii	135.6	134.9	135.0	134.9	134.8	135.6	135.2	134.9	134.3	134.4	134.0	134.2	134.4
Idaho	123.2	123.6	123.8	123.2	123.4	124.2	125.2	126.1	126.9	127.9	127.9	128.1	127.8
Illinois	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	1,344.9	1,347.7	1,353.1	1,356.9
Indiana	675.7	677.6	676.4	677.6	682.8	680.5	683.7	682.1	684.8	685.5	685.4	686.0	687.1
Iowa	341.8	343.6	343.2	343.2	345.2	343.4	344.2	344.7	347.7	347.8	347.7	347.5	348.6
Kansas	301.8	301.8	302.6	302.1	304.1	304.5	305.2	305.0	306.3	308.1	308.6	311.1	310.9
Kentucky	401.2	401.7	397.2	397.7	400.7	401.4	405.0	406.3	403.9	405.5	407.1	407.4	409.9
Louisiana	424.2	426.7	425.7	426.9	426.4	424.8	426.6	426.7	427.2	428.0	429.4	430.2	431.3
Maine	140.1	140.2	140.8	141.3	141.5	141.2	141.7	141.9	140.7	141.0	141.9	141.7	142.0
Maryland	532.9	533.9	529.8	533.1	535.1	534.6	534.0	533.6	535.1	535.0	534.3	535.5	536.2
Massachusetts	693.1	692.8	688.9	693.4	693.9	693.7	698.7	699.6	703.0	705.7	701.2	700.0	701.8
Michigan	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	1,027.2	1,033.4	1,041.4	1,043.4
Minnesota	581.6	582.1	584.5	583.2	587.4	588.5	589.1	589.6	589.0	591.4	592.2	595.5	595.2
Mississippi	229.5	229.5	229.5	229.1	228.5	228.5	229.6	228.5	229.4	227.8	226.4	227.2	228.8
Missouri	605.7	607.9	610.0	608.5	610.3	607.6	608.8	608.0	608.1	610.6	610.0	614.6	614.7
Montana	97.2	97.5	97.9	98.1	98.2	98.1	98.6	98.7	97.9	97.7	98.2	98.5	98.8
Nebraska	206.8	207.2	206.4	206.6	207.0	206.6	207.3	206.9	206.5	207.1	206.7	208.2	210.8
Nevada	162.6	163.5	164.5	165.6	168.0	167.6	169.2	170.2	171.7	173.2	174.5	175.3	176.6
New Hampshire	142.6	142.1	142.6	142.8	144.0	144.3	145.1	144.5	145.8	145.1	143.2	145.0	145.1
New Jersey	856.5	856.4	849.0	856.4	858.5	856.9	861.4	861.3	861.6	862.9	864.7	867.2	868.1
New Mexico	167.4	168.5	169.4	169.6	170.5	169.7	170.9	171.3	171.5	172.2	172.4	173.2	174.3
New York	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	1,642.4	1,645.2	1,649.9
North Carolina	809.5	809.5	804.3	812.1	815.3	813.1	815.0	813.1	812.8	809.9	810.6	812.8	812.6
North Dakota	80.3	80.5	80.3	80.6	81.0	80.4	80.8	80.8	81.0	80.9	81.1	81.4	81.9
Ohio	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	1,305.1	1,306.6	1,314.5	1,317.1
Oklahoma	316.4	317.2	318.0	318.1	319.9	318.8	322.3	321.8	320.7	320.5	321.2	323.1	325.2
Oregon	364.0	364.9	368.3	366.9	369.1	370.2	371.0	373.2	375.0	376.5	376.5	377.0	379.7
Pennsylvania	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	1,224.6	1,222.9	1,226.3	1,224.0
Rhode Island	97.8	97.9	96.7	97.0	96.6	95.9	96.8	98.4	99.0	98.6	97.1	97.9	98.3
South Carolina	388.4	389.4	388.8	389.7	389.9	396.2	397.7	399.6	400.1	404.7	406.1	405.3	406.5
South Dakota	89.3	89.4	90.3	89.9	90.7	90.1	90.1	90.4	90.1	91.1	90.6	90.6	90.4
Tennessee	597.6	605.4	601.4	603.0	604.4	604.4	607.9	611.7	611.9	614.8	615.0	616.2	620.9
Texas	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	2,005.0	2,014.8	2,019.0	2,026.5
Utah	224.3	225.2	224.9	225.5	226.3	228.8	229.6	231.1	233.2	233.2	233.2	233.6	234.8
Vermont	64.8	64.8	64.3	64.2	64.1	64.1	64.0	64.7	65.1	65.6	65.6	66.0	65.6
Virginia	705.1	702.8	700.6	706.5	710.1	712.3	713.1	712.8	714.4	715.0	718.1	723.5	721.6
Washington	587.4	587.4	584.8	584.9	586.5	588.3	590.9	591.4	594.1	595.8	595.6	597.6	598.7
West Virginia	160.5	159.9	160.1	161.5	161.5	162.4	162.6	163.0	162.7	161.6	162.6	161.8	161.9
Wisconsin	590.1	590.9	591.2	590.8	593.9	592.8	594.0	593.7	593.7	593.7	596.6	597.6	598.1
Wyoming	52.4	52.8	52.8	52.7	52.9	53.0	53.2	53.5	52.9	51.7	52.2	52.3	52.1

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										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.P
	Finance, insurance, and real estate												
Alabama	77.4	77.6	77.4	77.7	78.0	78.2	78.5	78.4	78.8	79.1	79.4	79.8	79.8
Alaska	11.6	11.7	11.7	11.6	11.5	11.6	11.7	11.5	11.5	11.5	11.6	11.7	11.6
Arizona	107.0	107.3	107.5	108.1	108.3	108.2	108.5	108.7	108.7	108.8	109.8	110.5	111.3
Arkansas	41.9	42.0	42.0	42.0	42.0	42.1	42.3	42.5	42.4	42.5	42.5	42.7	43.0
California	735.9	735.7	734.7	734.6	734.6	733.7	735.4	735.0	734.7	735.3	733.1	734.4	734.3
Colorado	114.6	114.9	114.8	115.2	115.4	115.7	116.5	116.2	116.0	116.0	116.4	115.9	116.6
Connecticut	132.1	131.9	132.9	133.3	133.5	133.2	132.7	132.3	132.3	131.9	132.0	130.8	129.9
Delaware	42.0	42.2	42.4	42.5	42.6	42.8	42.9	42.8	43.0	43.1	43.0	43.0	43.0
District of Columbia	29.9	29.9	29.7	29.6	29.7	29.7	29.6	29.6	29.6	29.6	29.6	29.4	29.6
Florida	378.2	378.5	379.3	380.5	381.7	381.9	384.0	384.3	384.6	385.2	387.0	387.1	388.4
Georgia	175.7	175.8	175.7	176.5	176.4	175.7	176.2	175.9	176.6	176.6	176.9	177.6	177.9
Hawaii	37.1	37.2	37.2	37.3	37.1	37.0	37.0	36.6	36.4	36.2	36.2	36.1	35.8
Idaho	24.2	24.2	24.1	23.9	23.6	23.7	23.8	23.9	24.0	24.1	24.0	24.0	24.1
Illinois	383.9	383.5	384.6	384.8	385.8	385.0	384.8	386.6	387.2	387.2	387.5	389.4	389.4
Indiana	133.2	133.3	134.2	134.4	134.0	133.7	133.6	133.7	133.5	133.7	134.3	134.7	134.8
Iowa	77.1	77.3	77.6	77.6	77.9	77.6	77.9	77.6	78.3	78.3	78.3	78.1	78.3
Kansas	58.0	58.2	58.8	58.7	58.7	58.9	58.6	58.7	58.7	59.3	59.5	59.6	59.6
Kentucky	65.5	65.7	65.7	65.9	65.4	65.6	66.1	66.3	66.5	66.3	66.6	66.9	66.9
Louisiana	80.5	80.4	80.8	80.6	80.8	80.6	80.3	80.6	80.7	80.6	81.1	80.8	81.1
Maine	26.0	26.0	25.9	26.0	26.0	25.8	25.9	25.9	26.3	26.5	26.3	26.3	26.6
Maryland	127.4	127.4	126.7	127.5	127.5	127.0	127.3	127.3	127.6	127.8	127.9	127.9	127.9
Massachusetts	203.6	203.7	202.6	203.3	203.4	203.7	203.6	204.1	204.9	205.0	204.8	205.5	205.9
Michigan	196.6	196.5	196.0	196.4	197.2	196.8	196.4	197.0	197.7	197.8	197.3	198.5	198.2
Minnesota	139.5	139.7	140.0	140.3	140.3	140.7	141.4	141.4	142.0	142.6	142.4	142.3	142.4
Mississippi	39.7	40.0	40.0	39.5	39.5	39.5	39.8	39.6	39.7	39.5	39.4	39.5	39.6
Missouri	146.9	147.5	148.9	149.1	149.4	149.3	149.8	150.0	150.0	150.7	150.8	150.3	150.6
Montana	15.8	15.8	15.5	15.6	15.5	15.6	15.7	15.7	15.8	15.8	15.9	16.2	16.1
Nebraska	52.6	52.8	52.5	52.5	52.3	52.2	52.3	51.7	52.1	52.4	52.5	52.7	52.8
Nevada	37.1	37.3	37.5	37.6	37.8	37.8	38.0	38.2	38.2	38.4	38.4	38.7	38.8
New Hampshire	29.1	29.2	29.5	29.4	29.5	29.7	29.6	29.7	29.8	29.2	29.3	29.2	29.0
New Jersey	228.6	228.9	228.7	229.4	229.6	229.6	229.7	229.7	230.3	229.6	230.5	230.0	230.7
New Mexico	29.9	30.0	29.9	30.0	30.0	30.1	30.4	30.5	30.4	30.6	30.6	30.9	30.8
New York	719.7	719.9	714.7	721.4	720.6	722.7	722.6	722.3	721.7	722.3	721.9	722.6	722.3
North Carolina	146.5	147.1	147.6	148.3	149.0	149.7	150.9	151.6	152.8	153.7	154.1	155.4	156.1
North Dakota	14.0	13.9	13.9	14.0	14.1	14.0	14.0	14.1	14.1	14.0	14.2	14.2	14.3
Ohio	273.8	273.5	276.3	274.5	275.2	275.8	276.2	276.7	276.8	277.1	277.1	278.3	278.3
Oklahoma	66.0	66.3	66.5	66.5	66.6	66.8	66.4	66.3	66.7	66.8	67.0	67.4	67.7
Oregon	88.3	88.6	88.7	88.7	89.2	89.6	89.8	90.5	90.2	90.4	90.9	91.8	92.1
Pennsylvania	305.7	306.1	306.3	307.1	307.3	307.7	308.2	309.3	309.9	311.0	310.4	310.1	310.2
Rhode Island	24.6	24.5	24.7	24.7	24.8	24.7	24.6	24.4	24.7	24.7	24.8	24.7	24.9
South Carolina	70.3	70.5	70.5	70.4	70.7	70.8	70.7	71.0	71.5	72.0	72.3	72.3	72.4
South Dakota	19.4	19.4	19.4	19.5	19.6	19.7	19.7	19.8	20.0	20.2	20.1	20.1	20.2
Tennessee	111.4	111.8	111.6	112.1	111.8	112.3	112.6	113.1	113.2	113.4	113.3	113.4	113.7
Texas	440.2	440.8	441.0	440.1	441.1	443.3	444.1	444.5	446.6	445.9	445.8	446.8	446.2
Utah	49.3	49.5	49.6	49.8	50.4	50.4	50.4	50.6	51.0	51.3	51.9	52.3	53.1
Vermont	12.1	12.2	12.1	12.1	12.2	12.2	12.1	12.2	12.3	12.5	12.4	12.4	12.5
Virginia	161.8	161.6	162.0	161.8	162.2	161.4	161.5	161.9	161.9	161.7	162.0	162.2	163.0
Washington	121.6	121.6	123.0	122.9	123.5	123.3	124.3	124.5	124.5	124.6	125.0	124.8	124.7
West Virginia	27.2	27.2	27.3	27.3	27.4	27.4	27.6	27.7	27.6	26.7	26.8	26.9	26.9
Wisconsin	135.8	136.3	136.2	136.1	136.2	136.2	136.8	136.8	137.3	137.7	137.6	137.5	137.5
Wyoming	7.9	7.9	8.0	8.1	8.1	8.0	8.0	8.1	7.9	7.9	8.0	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										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov P
	Services												
Alabama	402.5	403.3	402.1	403.0	405.0	404.7	406.6	408.6	410.2	410.4	411.8	413.4	413.5
Alaska	61.3	61.3	60.9	61.0	61.5	62.0	62.1	62.8	62.7	63.1	63.2	62.9	63.0
Arizona	529.2	530.1	536.3	540.7	542.1	544.6	545.6	547.1	549.6	554.0	553.9	553.4	558.0
Arkansas	240.8	241.9	241.7	242.3	242.6	241.2	242.2	243.6	244.8	245.4	247.0	247.4	248.3
California	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	3,914.8	3,931.1	3,939.9	3,948.0
Colorado	550.1	552.3	551.7	552.4	555.6	559.1	563.0	562.0	561.3	561.3	560.8	562.2	565.9
Connecticut	468.7	469.1	467.5	470.8	470.2	470.5	473.6	474.7	477.1	477.2	479.5	478.8	479.9
Delaware	97.3	98.3	97.7	99.6	99.7	99.8	100.9	101.0	101.0	101.6	101.7	101.4	101.8
District of Columbia	265.0	265.2	262.4	265.4	265.8	265.2	264.7	267.2	267.6	266.9	265.1	264.7	265.1
Florida	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	2,159.7	2,165.1	2,172.2	2,175.3
Georgia	860.5	864.5	861.2	871.2	876.8	880.7	888.4	893.7	923.8	898.8	887.5	888.7	894.3
Hawaii	164.9	164.9	164.1	165.7	165.3	164.7	165.7	165.6	165.5	165.6	165.9	165.7	165.8
Idaho	111.3	111.6	112.4	113.1	114.1	116.6	118.0	119.6	120.5	120.4	119.4	119.0	119.1
Illinois	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	1,621.8	1,627.6	1,630.1	1,629.1
Indiana	638.2	637.8	639.7	639.5	639.0	637.3	639.3	637.6	639.8	639.2	638.3	643.6	642.8
Iowa	348.2	348.9	350.3	350.3	353.7	352.4	353.4	358.1	354.4	355.5	354.6	359.5	361.4
Kansas	294.1	294.9	292.5	293.4	294.7	293.6	294.1	294.4	294.5	295.5	294.9	297.3	297.6
Kentucky	396.2	399.0	399.3	401.3	402.2	403.0	404.4	408.0	408.7	410.4	411.1	412.7	412.6
Louisiana	478.3	476.1	479.6	478.7	480.2	478.8	478.5	478.4	478.0	477.8	477.0	479.1	479.9
Maine	149.6	150.4	149.5	150.3	150.3	149.9	149.9	150.2	150.0	150.1	150.6	151.0	151.5
Maryland	693.5	692.1	690.3	696.7	698.6	699.0	698.4	699.5	700.2	704.8	702.0	703.2	704.2
Massachusetts	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	1,060.4	1,062.9	1,063.9	1,065.9
Michigan	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	1,164.7	1,162.0	1,162.4	1,163.4
Minnesota	652.9	652.4	652.6	656.9	660.4	659.9	664.0	665.0	665.1	668.4	669.2	669.8	673.3
Mississippi	234.4	236.5	236.4	238.5	241.4	240.7	241.7	239.9	236.7	240.8	239.3	239.9	241.4
Missouri	692.5	695.4	690.6	694.5	698.0	697.5	701.1	704.8	703.3	700.9	710.0	711.3	714.4
Montana	97.7	98.0	97.5	99.1	99.0	99.5	101.0	102.9	102.6	103.0	102.7	102.6	102.2
Nebraska	210.9	212.0	210.7	213.5	214.3	217.3	217.7	217.2	217.7	219.3	218.9	219.9	221.4
Nevada	355.3	355.7	357.9	360.2	361.9	364.2	365.2	369.9	369.5	369.2	369.9	369.6	372.4
New Hampshire	155.5	155.9	155.5	155.3	154.6	156.5	156.7	156.7	155.2	155.9	156.7	158.4	157.1
New Jersey	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	1,124.7	1,124.7	1,126.1	1,129.8
New Mexico	197.3	197.9	200.6	201.4	202.0	201.8	203.4	204.5	203.5	203.5	202.4	203.1	204.1
New York	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	2,613.4	2,618.6	2,619.4	2,623.0
North Carolina	770.8	772.0	765.9	776.1	779.8	779.4	781.7	784.4	789.2	795.9	794.8	801.5	803.1
North Dakota	82.5	82.8	82.7	83.1	83.4	83.6	84.8	84.8	84.9	85.4	85.3	85.9	86.3
Ohio	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	1,428.7	1,428.2	1,427.2	1,428.6
Oklahoma	353.6	356.7	357.6	357.9	358.5	357.7	358.9	358.8	358.9	363.9	367.2	369.6	373.2
Oregon	374.1	376.5	386.9	385.2	387.0	388.4	390.6	392.4	396.3	399.8	400.5	400.8	402.2
Pennsylvania	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	1,611.3	1,613.5	1,617.1	1,619.3
Rhode Island	147.5	148.1	149.2	149.8	150.2	149.0	150.0	148.9	148.3	149.4	150.1	149.1	150.3
South Carolina	370.4	371.5	372.6	374.3	375.9	378.0	379.3	381.2	382.0	383.9	385.9	385.8	386.6
South Dakota	89.6	90.3	90.5	90.9	91.4	91.1	91.5	91.7	91.9	91.1	91.4	91.8	92.1
Tennessee	650.1	653.0	651.4	650.0	654.4	652.6	653.0	655.8	659.3	660.0	664.7	665.9	668.4
Texas	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	2,244.9	2,246.8	2,254.5	2,259.4
Utah	245.8	247.8	248.6	249.1	248.8	251.9	254.3	256.8	257.0	258.6	260.6	259.7	259.2
Vermont	80.0	80.5	81.2	80.9	80.9	81.4	80.6	80.7	81.2	80.8	80.4	81.1	80.9
Virginia	886.6	890.0	883.2	894.9	900.8	894.5	897.5	903.0	909.4	914.0	916.7	916.3	918.1
Washington	631.6	632.1	632.5	636.5	640.8	643.2	646.2	649.8	653.2	658.3	662.0	661.4	662.4
West Virginia	185.6	187.3	186.1	187.4	187.8	187.9	188.3	189.9	190.6	188.9	188.7	189.2	189.9
Wisconsin	638.5	640.6	641.4	641.9	643.7	642.1	645.1	643.3	644.0	647.9	649.6	654.6	657.1
Wyoming	47.8	48.0	48.3	48.6	48.5	48.6	48.2	48.0	48.0	48.0	48.5	48.8	48.1

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										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.P
	Government												
Alabama	342.3	342.3	341.5	341.0	342.6	342.5	342.4	340.8	336.1	341.6	342.4	343.5	343.3
Alaska	73.0	72.8	72.0	72.2	72.6	72.2	73.5	73.5	73.4	72.6	73.1	73.0	73.2
Arizona	303.4	306.9	306.1	306.8	308.7	309.2	313.7	314.3	311.1	316.8	320.5	313.0	318.6
Arkansas	178.3	178.3	178.0	177.1	177.2	177.8	178.1	180.2	180.1	180.3	179.3	179.9	180.0
California	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	2,113.2	2,121.5	2,130.5	2,131.4
Colorado	303.6	305.3	304.9	305.0	305.9	306.5	308.4	307.3	304.4	303.7	305.7	305.4	306.2
Connecticut	220.3	220.2	222.7	224.7	224.1	222.9	220.4	219.3	220.4	220.8	225.8	226.3	224.2
Delaware	49.8	49.8	50.0	50.0	50.3	50.3	50.3	50.6	50.4	50.5	50.4	50.5	50.6
District of Columbia	249.4	249.0	246.9	246.5	245.1	244.8	244.3	242.5	238.0	239.9	238.3	238.9	238.1
Florida	934.6	938.2	937.2	940.2	971.0	941.0	941.3	940.3	934.7	935.3	953.6	956.1	958.2
Georgia	58 ¹ .5	582.8	581.6	581.8	582.7	584.5	586.7	588.5	588.8	585.5	587.0	587.2	589.8
Hawaii	109.1	108.6	108.2	110.3	110.1	109.0	110.2	110.6	110.0	110.2	108.5	108.5	108.6
Idaho	95.6	96.1	95.3	94.9	95.2	95.9	97.1	97.3	95.9	96.0	96.6	98.1	98.2
Illinois	805.3	803.6	803.2	808.8	808.4	807.3	806.8	806.9	806.8	819.5	808.5	812.1	811.8
Indiana	391.8	391.8	390.1	390.5	390.4	390.3	394.2	381.0	370.3	368.5	389.6	388.0	388.6
Iowa	230.0	230.2	229.6	229.3	230.0	229.8	230.4	231.7	228.6	228.5	228.7	230.2	229.8
Kansas	239.9	239.8	242.8	240.7	238.7	234.6	239.9	238.2	237.4	235.9	235.0	238.7	248.2
Kentucky	286.9	287.9	286.0	287.7	287.7	289.2	291.6	289.2	288.9	289.8	286.8	288.4	288.7
Louisiana	359.1	359.7	358.6	359.4	358.8	358.9	358.9	359.3	355.9	356.8	359.5	357.5	358.6
Maine	93.0	93.1	92.6	92.4	92.4	91.9	91.3	91.7	91.3	91.9	92.4	92.7	92.1
Maryland	423.2	423.4	421.7	424.1	424.0	422.2	422.9	422.5	423.8	420.8	422.1	419.4	419.7
Massachusetts	395.9	396.0	397.9	395.6	396.2	395.2	394.5	395.3	393.5	393.1	399.7	397.4	398.3
Michigan	635.6	637.0	632.3	636.0	637.5	635.2	637.8	640.0	633.6	632.3	641.4	642.7	644.5
Minnesota	382.1	381.8	381.2	383.1	382.0	383.2	384.5	388.7	390.4	390.2	389.9	387.3	391.1
Mississippi	219.2	219.9	221.2	220.8	221.5	221.8	222.6	225.0	220.7	225.7	223.0	222.8	222.4
Missouri	395.1	395.9	394.5	397.0	400.5	400.6	399.6	401.4	401.5	399.8	400.2	401.8	402.8
Montana	76.9	76.7	75.7	77.0	77.5	77.2	77.1	75.8	76.4	77.8	76.5	76.0	78.1
Nebraska	150.3	150.9	151.9	152.7	152.5	152.8	153.8	150.8	150.2	150.7	149.7	150.7	152.2
Nevada	98.7	98.5	100.1	99.4	99.2	98.7	99.2	99.4	102.5	100.2	102.9	103.3	107.3
New Hampshire	75.4	75.9	74.1	74.7	75.0	74.8	75.2	76.0	76.9	76.5	76.7	76.7	77.9
New Jersey	568.6	568.1	565.5	568.7	569.1	569.7	567.4	569.1	565.9	563.9	567.4	568.7	567.9
New Mexico	166.0	166.2	165.4	165.5	165.3	165.0	164.9	169.0	168.9	168.4	167.5	167.2	168.1
New York	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	1,362.6	1,365.5	1,370.3	1,365.9
North Carolina	557.7	559.1	559.6	563.3	565.7	569.6	572.6	573.7	556.0	565.7	572.2	575.0	576.9
North Dakota	70.6	70.4	70.9	71.0	71.0	71.3	71.0	70.9	70.6	70.5	70.6	70.2	70.0
Ohio	749.9	752.1	746.8	754.4	755.2	752.9	756.3	758.0	757.3	762.2	749.0	750.3	753.3
Oklahoma	271.3	270.9	268.5	268.8	269.4	269.4	269.5	269.3	270.4	270.7	270.6	272.4	272.4
Oregon	238.4	241.4	232.8	234.7	235.3	235.6	236.6	235.1	234.7	232.2	236.0	236.0	239.8
Pennsylvania	721.5	722.2	714.6	721.6	723.3	723.2	727.3	725.4	722.0	723.2	722.1	719.2	717.4
Rhode Island	60.6	61.1	60.9	61.2	61.4	61.3	61.2	59.7	58.7	59.6	61.7	61.7	61.8
South Carolina	295.4	294.0	289.8	290.2	291.3	291.2	291.4	302.0	297.0	297.3	295.0	295.2	306.8
South Dakota	70.5	70.7	70.5	71.1	71.1	71.3	71.7	70.5	70.3	70.0	69.6	70.0	71.7
Tennessee	387.2	387.2	388.8	390.8	411.4	392.3	392.1	390.3	387.7	387.5	391.7	397.6	396.7
Texas	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	1,487.7	1,483.7	1,491.3	1,493.3
Utah	163.9	164.3	164.9	166.0	167.1	167.2	166.5	167.1	166.0	166.5	168.1	167.7	168.1
Vermont	44.9	44.9	44.6	45.0	44.9	45.1	45.0	44.9	44.5	44.2	45.5	44.8	45.2
Virginia	594.2	593.5	593.4	595.6	595.5	596.5	596.4	597.9	598.1	598.1	595.3	595.8	597.3
Washington	444.0	445.1	444.3	445.0	448.1	446.4	448.4	448.0	450.4	449.9	450.6	450.8	450.5
West Virginia	137.0	136.3	137.1	136.9	138.7	138.0	149.9	139.8	136.7	139.6	138.2	138.0	138.5
Wisconsin	376.2	376.2	382.8	374.5	376.8	374.8	377.4	382.9	383.5	384.7	383.4	381.9	384.3
Wyoming	57.4	57.8	57.7	57.6	57.8	58.0	57.7	58.0	57.4	59.0	59.6	58.3	59.5

¹ Includes mining, not shown separately.
² Mining is combined with construction.
P = preliminary.

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

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

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

Industry	1995		1996										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Total private	34.3	33.8	34.5	34.5	34.3	34.2	34.7	34.2	34.4	34.7	34.3	34.5	34.8
Goods-producing	40.6	39.7	41.1	40.8	41.0	40.9	41.1	41.0	41.1	41.0	41.0	41.0	41.3
Mining	44.7	44.1	45.3	45.7	45.0	45.2	45.9	44.9	44.8	45.4	45.4	44.7	46.1
Construction	38.5	38.2	39.7	38.7	38.9	38.0	38.7	38.7	38.7	38.6	38.8	38.8	38.8
Manufacturing	41.2	40.0	41.4	41.3	41.5	41.7	41.8	41.6	41.7	41.7	41.7	41.7	42.0
<i>Overtime hours</i>	4.2	4.1	4.3	4.3	4.6	4.6	4.6	4.4	4.5	4.5	4.4	4.5	4.7
Durable goods	41.9	40.9	42.2	42.0	42.4	42.5	42.6	42.3	42.5	42.5	42.4	42.4	42.7
<i>Overtime hours</i>	4.5	4.4	4.6	4.5	4.9	5.1	5.0	4.7	4.8	4.8	4.7	4.7	4.9
Lumber and wood products	40.1	39.1	40.6	40.6	40.8	41.0	41.2	41.1	40.9	40.9	40.9	41.1	41.0
Furniture and fixtures	39.4	35.7	39.1	39.4	39.2	39.7	39.5	39.7	39.5	39.5	39.5	39.8	40.1
Stone, clay, and glass products	42.9	42.1	43.5	43.2	43.4	43.2	43.5	43.2	43.2	43.2	43.3	43.1	43.5
Primary metal industries	43.7	43.2	44.1	43.9	43.9	44.2	44.2	44.0	44.5	44.5	44.4	44.1	44.3
Blast furnaces and basic steel products	44.2	44.3	44.9	44.5	44.1	44.4	44.5	44.3	44.2	44.4	44.6	44.8	44.4
Fabricated metal products	42.0	41.0	42.0	42.0	42.3	42.6	42.6	42.4	42.5	42.4	42.4	42.3	42.7
Industrial machinery and equipment	42.9	42.1	43.0	43.0	43.2	43.0	43.3	43.1	42.8	43.0	42.9	42.9	43.2
Electronic and other electrical equipment	41.2	40.3	41.6	41.4	40.9	41.3	41.6	41.2	41.7	41.6	41.5	41.4	41.8
Transportation equipment	42.7	42.4	43.1	42.2	44.6	44.5	44.4	43.9	44.7	44.3	43.9	44.1	44.6
Motor vehicles and equipment	43.8	43.3	43.7	42.1	46.0	46.5	45.7	45.5	46.4	45.2	44.7	44.5	45.2
Instruments and related products	41.2	40.2	41.8	41.7	41.4	41.6	41.9	41.4	41.7	41.9	41.7	41.7	41.9
Miscellaneous manufacturing	39.5	37.7	39.5	39.7	39.6	39.9	39.7	39.7	39.8	39.8	39.8	39.9	40.5
Nondurable goods	40.2	38.7	40.5	40.5	40.4	40.6	40.7	40.5	40.6	40.7	40.6	40.7	41.0
<i>Overtime hours</i>	3.9	3.8	4.0	4.0	4.2	4.0	4.2	4.1	4.0	4.1	4.1	4.1	4.4
Food and kindred products	40.6	39.9	41.2	41.1	41.1	41.2	41.0	40.8	40.6	41.0	41.1	41.2	41.5
Tobacco products	38.7	36.4	39.8	40.4	40.4	39.5	39.4	39.4	39.8	40.3	39.9	40.6	42.1
Textile mill products	40.3	36.1	40.5	40.8	40.3	40.6	40.9	40.8	40.9	40.9	40.9	41.3	41.6
Apparel and other textile products	36.8	33.5	36.8	36.9	36.5	37.2	37.6	37.1	37.4	37.3	37.4	37.3	37.6
Paper and allied products	42.9	41.5	43.1	43.1	43.4	43.4	43.5	43.4	43.3	43.5	43.4	43.6	43.8
Printing and publishing	37.8	37.2	38.2	38.2	38.1	38.3	38.1	38.2	38.4	38.3	38.2	38.2	38.3
Chemicals and allied products	43.1	42.5	43.2	43.1	42.9	43.2	43.4	43.3	43.3	43.1	43.2	43.3	43.5
Petroleum and coal products	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Rubber and misc. plastics products	41.6	40.3	41.3	41.3	41.4	41.7	41.5	41.5	41.7	41.6	41.5	41.2	41.9
Leather and leather products	37.7	34.8	37.6	37.8	37.6	38.3	38.5	38.3	38.9	38.8	38.4	39.2	39.1
Service-producing	32.6	32.2	32.7	32.8	32.5	32.5	33.0	32.5	32.6	33.0	32.6	32.8	33.0
Transportation and public utilities	39.6	38.8	39.8	39.9	39.4	39.2	40.0	39.4	39.7	40.1	39.6	39.9	40.1
Wholesale trade	38.2	37.8	38.3	38.3	38.1	38.0	38.7	38.0	38.3	38.5	38.1	38.3	38.6
Retail trade	28.7	28.3	28.8	28.9	28.6	28.8	29.0	28.6	28.8	28.9	28.7	28.9	28.8
Finance, insurance, and real estate	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Services	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)

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

² These series are not published seasonally adjusted because the seasonal components, which are small relative to the trend-cycle and

irregular components, cannot be separated with sufficient precision.

^P = 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
HOURS
SEASONALLY ADJUSTED**

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

(1982 = 100)

Industry	1995	1996											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Total private	134.3	131.7	135.5	135.5	135.2	135.3	137.7	136.1	136.9	138.0	137.1	138.0	139.2
Goods-producing	108.8	106.0	110.8	109.5	110.0	109.9	110.7	110.2	110.6	110.3	110.5	110.6	111.6
Mining	53.2	52.7	54.9	55.7	54.6	55.2	56.0	54.2	54.3	54.7	54.7	53.9	55.6
Construction	141.2	140.7	150.5	145.6	146.8	143.9	147.1	147.8	148.0	147.9	149.0	149.8	150.8
Manufacturing	105.6	102.0	105.9	105.2	105.7	106.2	106.5	105.8	106.3	105.9	105.9	106.0	106.9
Durable goods	106.8	104.1	107.4	106.3	107.7	108.4	108.9	108.0	108.9	108.3	108.2	108.3	109.3
Lumber and wood products	132.9	127.1	133.1	133.1	134.8	135.9	137.2	136.7	136.9	136.2	137.1	138.0	137.9
Furniture and fixtures	123.6	111.4	121.7	122.0	120.8	123.9	122.6	124.2	122.9	122.9	122.6	123.6	125.1
Stone, clay, and glass products	107.6	104.9	109.7	108.9	108.9	108.6	109.7	108.6	109.2	109.2	109.9	108.9	110.4
Primary metal industries	91.3	90.4	91.9	91.5	91.0	91.8	92.5	90.9	92.9	92.6	92.4	91.6	92.0
Blast furnaces and basic steel products	72.6	72.8	73.8	73.1	72.4	73.3	73.5	72.8	72.6	72.5	72.5	73.2	71.7
Fabricated metal products	112.8	110.2	112.9	113.0	113.5	114.5	115.2	115.0	115.8	115.3	115.5	115.4	116.4
Industrial machinery and equipment	103.3	101.2	103.2	103.2	103.6	103.2	103.9	103.4	102.8	102.7	102.8	102.9	103.8
Electronic and other electrical equipment	107.4	105.0	108.7	108.1	106.8	107.8	108.3	107.8	108.7	108.0	107.4	106.9	107.4
Transportation equipment	117.6	116.6	118.6	113.2	122.9	122.4	123.8	121.4	125.0	122.3	121.4	122.7	124.4
Motor vehicles and equipment	160.2	158.2	159.9	147.9	167.4	170.6	168.7	165.1	172.9	164.5	161.8	161.1	164.1
Instruments and related products	72.6	70.8	73.6	73.6	72.9	73.6	74.0	72.6	73.5	74.0	73.6	73.5	74.2
Miscellaneous manufacturing	102.6	97.2	102.2	102.4	101.4	102.1	102.0	101.3	101.1	101.1	101.1	101.4	103.7
Nondurable goods	103.8	99.3	103.9	103.7	102.9	103.3	103.3	102.6	102.6	102.6	102.7	102.8	103.7
Food and kindred products	113.1	111.0	114.8	114.7	114.1	114.6	112.3	111.3	110.6	111.8	112.4	113.1	114.6
Tobacco products	61.3	55.9	63.1	64.0	64.0	60.7	62.5	60.5	57.2	61.9	63.2	66.4	66.7
Textile mill products	91.8	80.8	91.7	92.0	90.1	90.9	91.4	91.2	91.1	90.9	91.3	91.5	92.5
Apparel and other textile products	78.3	70.1	77.5	76.7	75.5	76.4	76.7	76.0	75.3	74.9	74.8	74.1	74.2
Paper and allied products	108.6	105.0	108.6	108.4	108.5	108.5	108.4	107.7	107.9	108.8	108.8	109.3	110.0
Printing and publishing	122.7	120.5	123.4	123.6	122.7	123.2	122.7	123.0	123.6	123.0	122.8	122.7	122.4
Chemicals and allied products	101.6	100.2	101.3	100.9	100.1	100.4	100.6	100.0	99.8	99.2	99.2	99.3	99.7
Petroleum and coal products	74.3	73.9	73.6	74.6	72.8	72.9	76.7	75.8	75.8	75.1	73.4	74.8	77.2
Rubber and misc. plastics products	141.7	136.5	139.6	139.2	139.7	141.1	141.0	141.2	142.8	142.1	141.5	140.9	143.3
Leather and leather products	45.8	41.2	44.5	44.1	43.9	44.1	44.4	43.5	43.0	42.9	42.5	42.8	43.8
Service-producing	145.7	143.2	146.6	147.2	146.6	146.7	149.8	147.7	148.7	150.4	149.0	150.2	151.6
Transportation and public utilities	127.0	124.5	128.4	129.1	127.6	127.2	130.1	128.3	129.4	130.8	129.2	130.4	131.2
Wholesale trade	123.1	122.0	124.0	124.3	123.7	123.7	126.0	123.9	125.3	126.3	125.4	126.2	127.3
Retail trade	132.5	129.9	133.1	133.7	132.7	134.1	135.5	134.1	135.0	135.7	135.5	136.4	136.3
Finance, insurance, and real estate	124.1	122.2	124.4	125.4	124.2	124.0	128.9	125.1	126.3	129.6	125.0	127.6	131.1
Services	173.4	170.3	174.5	175.2	175.1	174.7	178.7	176.4	177.5	179.8	178.2	179.4	181.6

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

^P = 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) ¹			Percent change		
	Oct. 1996 ^r	Nov. 1996 ^r	Dec. 1996 ^p	Dec. 1995 to Dec. 1996 ^p	Oct. 1996 to Nov. 1996 ^r	Nov. 1996 to Dec. 1996 ^p
Total	220,417	220,799	221,663	3.1	0.2	0.4
Private sector	182,591	183,756	185,396	3.6	.6	.9
Mining	1,333	1,328	1,355	2.4	-.3	2.0
Construction	11,024	11,071	11,117	6.3	.4	.4
Manufacturing	39,555	39,578	39,835	.9	.1	.6
Durable goods	23,489	23,505	23,671	1.7	.1	.7
Nondurable goods	16,066	16,073	16,164	-.4	.0	.6
Transportation and public utilities	13,083	13,212	13,268	3.0	1.0	.4
Wholesale trade	13,161	13,240	13,362	3.5	.6	.9
Retail trade	32,539	32,814	32,772	2.9	.8	-.1
Finance, insurance, and real estate	12,935	13,166	13,545	5.5	1.8	2.9
Services	58,961	59,348	60,143	5.0	.7	1.3
Government	37,827	37,043	36,267	.7	-2.1	-2.1

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

^p = preliminary.

^r = revised.

NOTE: Data refer to hours of all employees—production workers, nonsupervisory workers, and salaried workers—and are based

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

SOURCE: Office of Productivity and Technology (202-606-5606). Historical data for this series also are available on the Internet at the following address: <http://stats.bls.gov/special.requests/opt/tableb10>

**ESTABLISHMENT DATA
EARNINGS
SEASONALLY ADJUSTED**

B-11. Average hourly and weekly earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry, seasonally adjusted

Industry	1995	1996											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Average hourly earnings													
Total private (in current dollars)	\$11.61	\$11.62	\$11.65	\$11.68	\$11.72	\$11.74	\$11.83	\$11.81	\$11.87	\$11.91	\$11.90	\$11.99	\$12.05
Goods-producing	13.19	13.30	13.26	13.25	13.40	13.38	13.45	13.48	13.56	13.56	13.57	13.62	13.70
Mining	15.51	15.48	15.49	15.46	15.44	15.45	15.59	15.62	15.63	15.67	15.65	15.76	15.82
Construction	15.15	15.25	15.23	15.24	15.28	15.31	15.40	15.46	15.49	15.53	15.55	15.55	15.67
Manufacturing	12.51	12.63	12.56	12.55	12.74	12.73	12.77	12.79	12.89	12.87	12.88	12.93	13.01
Excluding overtime ²	11.89	12.00	11.93	11.91	12.09	12.06	12.12	12.15	12.22	12.21	12.21	12.26	12.31
Service-producing	11.08	11.06	11.11	11.16	11.15	11.18	11.29	11.25	11.30	11.36	11.35	11.45	11.51
Transportation and public utilities	14.39	14.39	14.43	14.47	14.49	14.50	14.55	14.52	14.61	14.58	14.50	14.58	14.56
Wholesale trade	12.60	12.58	12.63	12.70	12.71	12.71	12.91	12.81	12.88	12.99	12.91	13.06	13.16
Retail trade	7.81	7.83	7.85	7.88	7.90	7.93	8.00	7.96	8.01	8.01	8.09	8.13	8.15
Finance, insurance, and real estate	12.55	12.55	12.60	12.68	12.64	12.76	12.86	12.77	12.85	12.92	12.86	13.01	13.05
Services	11.57	11.59	11.62	11.67	11.65	11.69	11.79	11.78	11.82	11.89	11.90	12.00	12.08
Total private (in constant (1982) dollars)³	7.44	7.41	7.42	7.40	7.40	7.39	7.44	7.41	7.45	7.45	7.42	7.45	(⁴)
Goods-producing	8.45	8.48	8.44	8.40	8.46	8.42	8.46	8.46	8.51	8.48	8.46	8.46	(⁴)
Service-producing	7.10	7.05	7.07	7.07	7.04	7.04	7.10	7.06	7.09	7.10	7.08	7.12	(⁴)
Average weekly earnings													
Total private (in current dollars)	398.22	392.76	401.93	402.96	402.00	401.51	410.50	403.90	408.33	413.28	408.17	413.66	419.34
Goods-producing	535.51	528.01	544.99	540.60	549.40	547.24	552.79	552.68	557.32	555.96	556.37	558.42	565.81
Mining	693.30	682.67	701.70	706.52	694.80	698.34	715.58	701.34	700.22	711.42	710.51	704.47	729.30
Construction	583.28	582.55	604.63	589.79	594.39	581.78	595.98	598.30	599.46	599.46	603.34	603.34	608.00
Manufacturing	515.41	505.20	519.98	518.31	528.71	530.84	533.79	532.06	537.51	536.68	537.10	539.18	546.42
Service-producing	361.21	356.13	363.30	366.05	362.38	363.35	372.57	365.63	368.38	374.88	370.01	375.56	379.83
Transportation and public utilities	569.84	558.33	574.31	577.35	570.91	568.40	582.00	572.09	580.02	584.66	574.20	581.74	583.86
Wholesale trade	481.32	475.52	483.73	486.41	484.25	482.98	499.62	486.78	493.30	500.12	491.87	500.20	507.98
Retail trade	224.15	221.59	226.08	227.73	225.94	228.38	232.00	227.66	230.69	231.49	232.18	234.96	234.72
Finance, insurance, and real estate	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Services	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Total private (in constant (1982) dollars)³	255.11	250.48	255.84	255.36	253.79	252.68	258.18	253.55	256.17	258.46	254.47	257.09	(⁴)
Goods-producing	343.06	336.74	346.91	342.59	346.84	344.39	347.67	346.94	349.64	347.69	346.86	347.06	(⁴)
Service-producing	231.40	227.12	231.25	231.97	228.78	228.67	234.32	229.52	231.10	234.45	230.68	233.41	(⁴)

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

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

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

⁴ Not available.

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

^P = 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 ¹				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p
Total		118,915	118,936	121,242	121,526	121,501	-	-	-	-	-
Total private		99,159	99,226	101,454	101,553	101,620	81,295	81,321	83,246	83,305	83,324
Mining		575	570	572	572	565	422	418	429	429	423
Metal mining	10	50.1	50.2	51.6	52.0	51.6	39.9	39.9	40.5	40.2	-
Iron ores	101	8.3	8.3	8.3	8.4	-	6.9	6.9	6.8	6.9	-
Copper ores	102	14.6	14.6	15.0	15.1	-	11.5	11.5	11.7	11.6	-
Coal mining	12	103.9	102.4	97.9	97.7	96.6	84.9	84.4	79.9	79.9	-
Bituminous coal and lignite mining	122	97.5	96.1	91.6	91.3	-	79.7	79.3	74.7	74.5	-
Oil and gas extraction	13	312.8	313.2	310.9	312.0	310.3	215.1	215.2	223.5	224.8	-
Crude petroleum and natural gas	131	145.6	145.7	135.6	134.9	-	77.6	77.5	76.4	76.1	-
Oil and gas field services	138	162.0	162.4	171.4	173.0	-	133.9	134.3	144.1	145.6	-
Nonmetallic minerals, except fuels	14	107.9	103.9	111.3	109.8	106.4	82.3	78.5	84.8	83.6	-
Crushed and broken stone	142	40.6	39.4	41.8	41.3	-	31.8	30.5	32.9	32.4	-
Sand and gravel	144	35.3	32.9	37.1	36.2	-	-	-	-	-	-
Chemical and fertilizer minerals	147	14.0	13.9	13.8	13.7	-	-	-	-	-	-
Construction		5,349	5,131	5,733	5,630	5,415	4,166	3,947	4,501	4,393	4,181
General building contractors	15	1,222.6	1,198.2	1,271.7	1,260.6	1,240.9	870.1	845.7	908.3	897.8	-
Residential building construction	152	609.1	598.0	637.9	630.8	-	415.6	404.4	438.6	431.0	-
Operative builders	153	26.9	27.0	28.4	28.1	-	11.3	11.3	11.9	11.7	-
Nonresidential building construction	154	586.6	573.2	605.4	601.7	-	443.2	430.0	457.8	455.1	-
Heavy construction, except building	16	784.5	705.4	842.1	796.7	719.7	655.9	579.6	714.9	670.0	-
Highway and street construction	161	240.1	194.2	274.9	247.5	-	195.1	150.7	228.9	202.5	-
Heavy construction, except highway	162	544.4	511.2	567.2	549.2	-	460.8	428.9	486.0	467.5	-
Special trade contractors	17	3,342.0	3,227.7	3,619.4	3,572.3	3,454.7	2,639.6	2,521.8	2,878.2	2,825.4	-
Plumbing, heating, and air conditioning	171	734.7	733.5	777.1	773.9	-	544.2	540.8	576.2	572.3	-
Painting and paper hanging	172	185.0	175.9	199.4	193.3	-	154.5	145.4	166.2	159.8	-
Electrical work	173	625.7	623.5	655.4	658.0	-	494.6	491.7	517.4	520.0	-
Masonry, stonework, and plastering	174	440.0	422.2	491.7	486.3	-	380.3	361.7	427.2	419.6	-
Carpentry and floor work	175	239.3	234.7	256.8	258.3	-	182.6	177.6	196.9	196.8	-
Roofing, siding, and sheet metal work	176	227.0	213.5	252.2	245.3	-	182.4	169.2	205.8	198.5	-
Manufacturing		18,403	18,389	18,343	18,304	18,294	12,729	12,722	12,686	12,645	12,633
Durable goods		10,655	10,695	10,715	10,719	10,734	7,288	7,332	7,342	7,341	7,353
Lumber and wood products	24	763.9	762.0	777.9	773.6	770.2	626.7	625.4	641.8	638.0	634.8
Logging	241	83.7	83.0	79.3	78.3	-	67.6	67.3	63.9	63.1	-
Sawmills and planing mills	242	183.3	183.0	183.3	183.1	-	158.3	158.3	159.6	159.5	-
Sawmills and planing mills, general	2421	145.3	144.9	145.9	145.6	-	125.2	124.9	126.5	126.3	-
Hardwood dimension and flooring mills	2426	36.4	36.5	35.8	35.9	-	31.8	32.0	31.7	31.8	-
Millwork, plywood, and structural members	243	278.4	278.2	289.6	287.6	-	222.4	221.9	233.5	231.3	-
Millwork	2431	110.3	110.1	115.0	114.5	-	85.1	84.7	89.4	88.7	-
Wood kitchen cabinets	2434	75.7	75.8	80.0	80.1	-	60.4	60.5	64.2	64.2	-
Hardwood veneer and plywood	2435	27.6	27.9	27.7	27.6	-	23.7	23.9	23.5	23.5	-
Softwood veneer and plywood	2436	29.1	29.1	28.8	28.2	-	26.1	26.1	26.8	26.2	-
Wood containers	244	50.4	50.2	50.8	50.4	-	42.9	42.6	43.3	43.0	-
Wood buildings and mobile homes	245	81.3	81.5	87.9	87.1	-	65.3	65.2	70.6	70.1	-
Mobile homes	2451	62.0	62.2	66.8	66.3	-	52.2	52.3	56.0	55.7	-
Miscellaneous wood products	249	86.8	86.1	87.0	87.1	-	70.2	70.1	70.9	71.0	-
Furniture and fixtures	25	507.2	508.3	501.9	503.8	505.5	400.9	401.7	397.5	398.0	400.2
Household furniture	251	280.8	282.5	277.2	278.3	-	234.5	235.9	232.5	234.0	-
Wood household furniture	2511	127.3	127.8	126.1	126.3	-	108.4	109.0	108.4	108.6	-
Upholstered household furniture	2512	90.2	90.8	89.6	89.8	-	75.9	76.3	75.2	75.6	-
Metal household furniture	2514	21.2	21.3	18.9	19.5	-	17.3	17.4	15.3	16.1	-
Mattresses and bedsprings	2515	30.6	31.0	31.0	30.7	-	23.4	23.6	23.9	23.6	-

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 ¹				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p
Durable goods—Continued											
Furniture and fixtures—Continued											
Office furniture	252	62.3	62.2	59.9	60.4	-	46.3	46.4	44.2	44.4	-
Public building and related furniture	253	42.1	42.2	43.0	43.4	-	33.4	33.2	34.0	34.4	-
Partitions and fixtures	254	84.5	83.9	84.8	84.9	-	62.0	61.5	62.8	61.2	-
Miscellaneous furniture and fixtures	259	37.5	37.5	37.0	36.8	-	24.7	24.7	24.0	24.0	-
Stone, clay, and glass products	32	540.0	528.1	546.8	542.0	533.5	419.4	409.2	427.7	422.3	414.6
Flat glass	321	15.3	15.4	15.4	15.3	-	12.3	12.4	12.3	12.2	-
Glass and glassware, pressed or blown	322	72.4	71.8	70.4	70.1	-	60.9	60.4	59.5	59.0	-
Glass containers	3221	30.1	29.5	27.5	27.3	-	26.9	26.6	24.7	24.5	-
Pressed and blown glass, nec	3229	42.3	42.3	42.9	42.8	-	34.0	33.8	34.8	34.5	-
Products of purchased glass	323	62.6	61.5	61.8	61.0	-	48.5	47.3	48.0	47.4	-
Cement, hydraulic	324	17.4	17.3	17.5	17.4	-	13.1	13.1	13.2	13.0	-
Structural clay products	325	33.5	33.1	33.7	33.5	-	25.8	25.5	26.5	26.3	-
Pottery and related products	326	41.1	40.2	39.3	38.8	-	32.5	31.9	31.3	30.9	-
Concrete, gypsum, and plaster products	327	208.6	200.1	219.2	216.2	-	159.2	151.6	169.2	165.6	-
Concrete block and brick	3271	17.3	16.9	17.9	17.6	-	11.0	10.7	11.3	11.1	-
Concrete products, nec	3272	69.6	67.6	72.2	71.7	-	52.1	50.4	54.9	54.4	-
Ready-mixed concrete	3273	104.3	98.4	111.9	109.5	-	82.4	76.9	89.6	86.6	-
Misc. nonmetallic mineral products	329	76.0	75.8	75.9	76.2	-	57.6	57.7	57.8	58.1	-
Abrasive products	3291	19.8	19.6	19.3	19.3	-	15.1	15.2	15.2	15.3	-
Asbestos products	3292	2.4	2.5	2.4	2.4	-	2.0	2.0	2.0	2.0	-
Mineral wool	3296	24.0	24.0	24.5	24.6	-	-	-	-	-	-
Primary metal industries	33	710.9	711.8	702.7	703.9	704.5	552.2	554.0	548.4	548.8	550.9
Blast furnaces and basic steel products	331	241.1	241.6	233.8	234.4	234.5	183.9	184.8	179.9	180.4	180.3
Blast furnaces and steel mills	3312	171.5	172.0	164.7	165.0	-	131.1	131.9	127.5	127.9	-
Steel pipe and tubes	3317	27.6	27.6	26.8	26.9	-	20.7	20.8	20.1	20.3	-
Iron and steel foundries	332	129.1	128.8	126.7	126.3	-	105.8	105.6	103.9	103.4	-
Gray and ductile iron foundries	3321	82.5	82.5	80.3	80.0	-	68.3	68.4	66.8	66.2	-
Malleable iron foundries	3322	4.1	4.1	4.0	4.0	-	3.2	3.2	3.1	3.2	-
Steel foundries, nec	3325	26.9	26.4	25.8	25.6	-	22.0	21.5	21.0	20.8	-
Primary nonferrous metals	333	40.9	41.0	40.6	40.6	-	31.1	31.4	31.2	31.3	-
Primary aluminum	3334	22.6	22.8	22.4	22.4	-	17.8	18.0	17.9	18.0	-
Nonferrous rolling and drawing	335	166.7	167.2	167.1	167.0	-	126.4	127.0	127.3	127.0	-
Copper rolling and drawing	3351	22.2	22.2	22.7	22.9	-	17.1	17.2	17.6	17.8	-
Aluminum sheet, plate, and foil	3353	22.1	22.1	21.4	21.4	-	16.0	16.1	15.9	16.0	-
Nonferrous wire drawing and insulating	3357	73.4	73.9	72.5	72.3	-	55.6	56.1	54.9	54.4	-
Nonferrous foundries (castings)	336	88.7	88.8	90.2	91.1	-	72.4	72.6	73.7	74.5	-
Aluminum foundries	3365	24.8	24.8	25.2	25.5	-	20.5	20.5	20.7	21.0	-
Fabricated metal products	34	1,444.7	1,446.5	1,462.9	1,465.6	1,466.1	1,085.3	1,086.7	1,101.2	1,102.8	1,104.3
Metal cans and shipping containers	341	39.3	39.4	39.0	38.9	-	33.5	33.6	33.5	33.4	-
Metal cans	3411	31.7	32.0	32.0	31.9	-	27.4	27.6	27.8	27.7	-
Cutlery, handtools, and hardware	342	127.3	127.4	128.2	128.3	-	95.8	95.7	97.1	97.1	-
Hand and edge tools, and blades and handsaws	3423.5	44.5	44.5	44.6	44.8	-	34.2	34.1	34.5	34.7	-
Hardware, nec	3429	70.8	70.8	71.9	71.9	-	53.4	53.4	54.9	54.8	-
Plumbing and heating, except electric	343	56.2	56.3	58.1	58.8	-	40.3	40.3	42.0	42.4	-
Plumbing fixture fittings and trim	3432	22.1	22.3	22.1	22.3	-	16.1	16.2	16.1	16.3	-
Heating equipment, except electric	3433	20.0	19.6	21.4	21.8	-	13.5	13.2	14.9	15.1	-
Fabricated structural metal products	344	434.4	433.7	446.8	446.5	-	317.3	317.0	328.3	327.9	-
Fabricated structural metal	3441	74.8	75.4	76.7	77.4	-	54.8	55.4	56.2	56.8	-
Metal doors, sash, and trim	3442	75.8	74.7	79.0	78.6	-	56.4	55.5	58.9	58.4	-
Fabricated plate work (boiler shops)	3443	103.5	103.2	102.9	102.3	-	74.5	74.6	74.3	73.8	-
Sheet metal work	3444	111.5	111.6	116.7	116.6	-	84.8	84.8	90.1	90.0	-
Architectural metal work	3446	29.3	29.4	30.4	30.3	-	20.9	20.9	21.7	21.6	-
Screw machine products, bolts, etc	345	98.9	99.2	99.0	99.3	-	77.9	78.3	77.5	77.8	-
Screw machine products	3451	51.1	51.4	50.7	50.7	-	41.8	42.0	41.2	41.1	-
Bolts, nuts, rivets, and washers	3452	47.8	47.8	48.3	48.6	-	36.1	36.3	36.3	36.7	-
Metal forgings and stampings	346	254.2	256.1	254.2	255.4	-	203.3	205.0	203.4	204.1	-
Iron and steel forgings	3462	30.4	30.6	30.7	30.9	-	23.2	23.4	23.5	23.6	-
Automotive stampings	3465	117.7	119.4	118.2	118.4	-	98.8	100.4	99.0	99.1	-
Metal stampings, nec	3469	95.0	95.0	94.8	95.4	-	72.9	72.8	73.1	73.4	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P
Durable goods—Continued											
Fabricated metal products—Continued											
Metal services, nec	347	130.6	130.8	137.4	138.3	-	102.6	102.5	108.8	109.6	-
Plating and polishing	3471	80.6	80.5	84.9	85.7	-	63.4	63.3	67.3	68.1	-
Metal coating and allied services	3479	50.0	50.3	52.5	52.6	-	39.2	39.2	41.5	41.5	-
Ordnance and accessories, nec	348	49.6	49.4	46.5	46.4	-	27.6	27.4	24.9	24.6	-
Ammunition, except for small arms, nec	3483	25.7	25.7	24.2	24.4	-	11.4	11.4	9.9	9.9	-
Miscellaneous fabricated metal products	349	254.2	254.2	253.7	253.7	-	187.0	186.9	185.7	185.9	-
Valves and pipe fittings, nec	3494	25.4	25.2	25.1	25.3	-	19.2	19.1	18.7	18.8	-
Misc. fabricated wire products	3496	57.2	57.5	57.4	57.0	-	43.3	43.5	43.4	43.0	-
Industrial machinery and equipment	35	2,076.2	2,086.7	2,080.2	2,083.6	2,093.4	1,299.2	1,308.3	1,294.4	1,298.4	1,306.1
Engines and turbines	351	86.4	86.7	83.7	83.9	-	53.7	53.8	52.7	52.9	-
Turbines and turbine generator sets	3511	25.7	25.8	25.2	25.3	-	14.5	14.5	14.3	14.3	-
Internal combustion engines, nec	3519	60.7	60.9	58.5	58.6	-	39.2	39.3	38.4	38.6	-
Farm and garden machinery	352	96.6	98.0	94.6	96.5	-	70.4	71.8	67.6	69.5	-
Farm machinery and equipment	3523	72.4	71.8	72.5	72.8	-	51.8	51.4	52.0	52.3	-
Construction and related machinery	353	225.4	226.2	224.8	225.6	-	147.3	148.0	145.5	146.2	-
Construction machinery	3531	79.1	79.5	79.0	79.0	-	54.1	54.8	53.6	53.7	-
Mining machinery	3532	16.6	16.7	15.9	16.1	-	10.0	10.0	9.3	9.5	-
Oil and gas field machinery	3533	40.9	40.8	42.1	42.6	-	28.1	27.8	28.4	28.5	-
Conveyors and conveying equipment	3535	40.8	41.0	40.1	40.4	-	23.3	23.4	22.8	23.0	-
Industrial trucks and tractors	3537	29.5	29.5	29.3	28.9	-	20.3	20.3	19.9	19.9	-
Metalworking machinery	354	343.8	345.0	343.4	344.5	-	245.2	245.7	243.3	244.6	-
Machine tools, metal cutting types	3541	40.9	41.0	41.4	41.6	-	25.2	25.3	25.3	25.7	-
Machine tools, metal forming types	3542	17.5	17.6	17.2	17.2	-	11.5	11.5	11.1	11.1	-
Special dies, tools, jigs, and fixtures	3544	163.0	163.7	162.8	163.7	-	123.9	124.7	123.5	124.4	-
Machine tool accessories	3545	51.7	51.8	52.0	52.2	-	36.4	36.4	36.2	36.4	-
Power driven handtools	3546	25.2	25.0	24.7	24.5	-	17.7	17.4	17.1	17.0	-
Special industry machinery	355	176.9	177.4	171.5	171.5	-	100.7	101.0	96.4	96.1	-
Textile machinery	3552	15.5	15.3	14.4	14.5	-	10.4	10.2	9.5	9.6	-
Printing trades machinery	3555	23.7	23.8	21.5	21.5	-	13.0	13.2	12.2	12.0	-
Food products machinery	3556	25.5	25.4	25.7	25.7	-	15.6	15.6	15.5	15.5	-
General industrial machinery	356	252.5	254.6	252.8	253.2	-	162.6	164.1	161.6	162.2	-
Pumps and pumping equipment	3561	29.0	29.1	29.5	29.4	-	16.5	16.6	16.8	16.8	-
Ball and roller bearings	3562	39.0	39.2	38.9	39.0	-	30.9	31.1	30.8	31.0	-
Air and gas compressors	3563	25.7	26.0	25.6	25.8	-	15.1	15.3	15.0	15.2	-
Blowers and fans	3564	34.7	35.0	35.4	35.5	-	23.1	23.4	23.5	23.6	-
Speed changers, drives, and gears	3566	17.3	17.5	17.1	17.2	-	12.2	12.4	12.0	12.2	-
Power transmission equipment, nec	3568	21.1	21.4	20.9	21.1	-	14.8	14.9	14.7	14.8	-
Computer and office equipment	357	356.2	357.1	359.2	360.2	360.8	124.9	126.2	124.5	124.9	-
Electronic computers	3571	194.4	195.1	197.1	198.8	-	55.4	55.6	57.3	58.2	-
Computer terminals, calculators, and office machines, nec	3575,8,9	58.1	57.2	56.6	55.9	-	21.5	21.4	22.6	22.2	-
Refrigeration and service machinery	358	202.3	203.7	210.5	208.3	-	144.4	146.0	150.3	149.0	-
Refrigeration and heating equipment	3585	138.7	139.9	144.9	142.9	-	104.7	106.1	109.2	108.1	-
Misc. industrial and commercial machinery	359	336.1	338.0	339.7	339.9	-	250.0	251.7	252.5	253.0	-
Carburetors, pistons, rings, valves	3592	22.0	22.3	22.7	22.9	-	17.3	17.6	17.8	17.9	-
Scales, balances, and industrial machinery, nec	3596,9	268.6	270.2	271.2	270.9	-	205.1	206.6	206.5	206.5	-
Electronic and other electrical equipment	36	1,644.7	1,651.6	1,650.2	1,650.7	1,648.7	1,054.5	1,056.8	1,047.3	1,046.6	1,041.8
Electric distribution equipment	361	81.5	81.7	82.2	82.6	-	56.3	56.3	55.6	56.0	-
Transformers, except electronic	3612	39.8	39.9	39.6	39.8	-	28.4	28.5	27.9	28.3	-
Switchgear and switchboard apparatus	3613	41.7	41.8	42.6	42.8	-	27.9	27.8	27.7	27.7	-
Electrical industrial apparatus	362	159.2	159.7	157.5	158.2	-	112.2	112.7	109.9	110.9	-
Motors and generators	3621	79.1	79.4	76.5	77.0	-	61.9	62.2	59.2	60.2	-
Relays and industrial controls	3625	59.4	59.4	60.2	60.2	-	35.2	35.1	35.6	35.5	-
Household appliances	363	121.2	120.4	121.9	120.4	-	98.6	97.0	96.9	96.2	-
Household refrigerators and freezers	3632	30.0	29.7	30.9	30.5	-	26.2	25.5	25.2	24.9	-
Household laundry equipment	3633	16.2	16.2	15.7	16.5	-	14.1	13.9	12.5	13.2	-
Electric housewares and fans	3634	30.2	29.6	29.4	28.3	-	23.2	22.4	22.5	21.7	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
Durable goods—Continued											
Electronic and other electrical equipment—Continued											
Electric lighting and wiring equipment	364	176.7	177.4	175.1	175.8	-	126.6	127.4	125.3	125.8	-
Electric lamps	3641	21.8	21.9	21.1	21.3	-	16.8	16.9	16.4	16.5	-
Current-carrying wiring devices	3643	62.1	62.2	61.9	62.1	-	40.8	41.0	40.2	40.3	-
Noncurrent-carrying wiring devices	3644	17.0	17.1	16.8	17.0	-	12.7	12.8	13.1	13.2	-
Residential lighting fixtures	3645	19.3	19.4	19.1	19.3	-	14.8	15.0	14.3	14.6	-
Household audio and video equipment	365	86.4	85.3	84.5	84.8	-	59.5	58.4	56.7	56.1	-
Household audio and video equipment	3651	56.3	56.4	56.3	56.7	-	36.2	36.1	34.6	34.4	-
Communications equipment	366	264.7	265.3	262.8	263.0	-	129.9	129.9	124.9	124.1	-
Telephone and telegraph apparatus	3661	113.1	113.6	113.2	113.3	-	59.3	59.7	56.9	56.4	-
Electronic components and accessories	367	600.1	606.4	610.5	610.4	612.0	360.1	363.2	364.1	363.7	-
Electron tubes	3671	24.7	24.8	24.9	24.5	-	17.1	17.2	17.6	17.4	-
Semiconductors and related devices	3674	246.3	249.5	258.5	257.8	-	109.0	110.4	115.0	114.3	-
Electronic components, nec	3679	139.6	140.8	140.3	140.7	-	92.4	93.0	93.7	93.7	-
Misc. electrical equipment and supplies	369	154.9	155.4	155.7	155.5	-	111.3	111.9	113.9	113.8	-
Storage batteries	3691	26.9	26.9	26.7	26.8	-	21.0	21.0	21.0	20.8	-
Engine electrical equipment	3694	69.7	70.1	71.8	71.6	-	54.6	55.1	57.4	57.5	-
Transportation equipment	37	1,741.2	1,780.0	1,768.7	1,775.2	1,793.5	1,157.3	1,202.1	1,194.1	1,199.1	1,214.6
Motor vehicles and equipment	371	961.0	975.4	951.2	950.8	962.7	752.7	770.6	748.8	749.3	759.9
Motor vehicles and car bodies	3711	358.1	369.2	351.0	349.0	-	269.4	283.3	267.0	266.5	-
Truck and bus bodies	3713	38.1	37.8	37.5	37.2	-	30.4	30.3	30.1	29.6	-
Motor vehicle parts and accessories	3714	507.7	512.9	512.0	513.7	-	406.8	412.2	410.9	412.4	-
Truck trailers	3715	37.5	36.1	30.4	31.3	-	30.7	29.3	23.9	24.8	-
Aircraft and parts	372	419.0	447.2	464.3	471.1	475.8	178.7	207.6	224.2	227.6	-
Aircraft	3721	217.5	241.0	248.7	251.9	-	69.6	93.9	99.8	101.9	-
Aircraft engines and engine parts	3724	93.6	93.5	96.3	98.5	-	46.2	45.9	50.8	50.8	-
Aircraft parts and equipment, nec	3728	107.9	112.7	119.3	120.7	-	62.9	67.8	73.6	74.9	-
Ship and boat building and repairing	373	157.0	155.8	150.1	150.8	-	121.3	120.9	115.0	116.9	-
Ship building and repairing	3731	103.4	102.3	95.0	95.8	-	76.5	76.1	69.1	71.0	-
Boat building and repairing	3732	53.6	53.5	55.1	55.0	-	44.8	44.8	45.9	45.9	-
Railroad equipment	374	36.6	36.4	35.1	34.9	-	27.1	27.1	26.4	26.4	-
Guided missiles, space vehicles, and parts	376	95.4	94.7	93.2	93.5	-	26.0	26.0	24.9	25.0	-
Guided missiles and space vehicles	3761	67.3	67.0	66.9	67.1	-	16.0	16.1	16.3	16.4	-
Miscellaneous transportation equipment	379	51.7	50.3	53.5	52.9	-	36.6	35.2	39.0	38.0	-
Travel trailers and campers	3792	20.7	20.0	22.1	22.0	-	17.2	16.6	18.7	18.3	-
Instruments and related products	38	830.3	830.4	832.4	831.4	833.4	412.5	412.8	413.2	412.3	414.7
Search and navigation equipment	381	152.8	151.9	152.0	151.9	-	45.9	45.7	42.8	42.5	-
Measuring and controlling devices	382	284.9	285.5	287.6	287.3	-	145.8	146.2	146.8	146.6	-
Environmental controls	3822	42.6	42.5	42.1	41.8	-	27.9	27.8	27.5	27.3	-
Process control instruments	3823	63.3	63.2	63.7	63.7	-	31.4	31.3	32.0	32.1	-
Instruments to measure electricity	3825	70.3	70.3	72.1	72.0	-	31.7	31.8	31.6	31.5	-
Medical instruments and supplies	384	264.2	264.8	266.9	266.3	-	152.5	153.0	156.4	155.5	-
Surgical and medical instruments	3841	101.3	101.7	102.7	102.7	-	63.4	63.7	66.1	66.2	-
Surgical appliances and supplies	3842	94.2	94.3	93.0	92.1	-	59.0	58.8	57.2	56.3	-
Ophthalmic goods	385	36.5	36.0	34.9	34.8	-	23.8	23.6	22.7	22.7	-
Photographic equipment and supplies	386	84.4	84.6	83.8	84.0	-	38.5	38.2	38.6	39.2	-
Watches, clocks, watchcases, and parts	387	7.5	7.6	7.2	7.1	-	6.0	6.1	5.9	5.8	-
Miscellaneous manufacturing industries	39	395.9	389.6	390.8	389.0	385.2	280.2	274.8	276.3	274.9	271.0
Jewelry, silverware, and plated ware	391	51.7	50.4	49.4	49.7	-	36.0	34.9	34.3	34.5	-
Jewelry, precious metal	3911	38.7	37.6	36.7	36.8	-	26.9	25.9	25.1	25.1	-
Musical instruments	393	14.5	14.6	15.3	15.3	-	11.7	11.8	12.1	12.0	-
Toys and sporting goods	394	120.9	119.4	115.1	114.6	-	86.5	84.7	80.6	80.8	-
Dolls, games, toys, and children's vehicles	3942.4	43.1	41.8	41.9	42.0	-	29.1	27.6	28.5	28.5	-
Sporting and athletic goods, nec	3949	77.8	77.6	73.2	72.6	-	57.4	57.1	52.1	52.3	-
Pens, pencils, office, and art supplies	395	31.9	31.8	32.2	32.7	-	21.6	21.7	21.8	22.2	-
Costume jewelry and notions	396	25.8	24.9	25.9	25.7	-	17.8	17.4	18.3	18.0	-
Costume jewelry	3961	15.3	14.4	15.4	15.2	-	10.6	9.9	10.9	10.6	-
Miscellaneous manufactures	399	151.1	148.5	152.9	151.0	-	106.6	104.3	109.2	107.4	-
Signs and advertising specialties	3993	63.9	63.6	64.7	64.3	-	42.8	42.6	42.9	42.7	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
Nondurable goods		7,748	7,694	7,628	7,585	7,560	5,441	5,390	5,344	5,304	5,280
Food and kindred products	20	1,682.4	1,659.3	1,682.6	1,651.9	1,638.4	1,244.7	1,221.6	1,253.1	1,225.3	1,211.3
Meat products	201	473.9	474.5	465.3	465.8	-	404.9	404.9	396.2	397.2	-
Meat packing plants	2011	141.3	141.1	138.5	139.1	-	119.1	118.3	116.1	117.1	-
Sausages and other prepared meats	2013	94.0	94.2	94.0	94.3	-	73.0	73.0	73.0	73.5	-
Poultry slaughtering and processing	2015	238.6	239.2	232.8	232.4	-	212.8	213.6	207.1	206.6	-
Dairy products	202	147.0	147.5	143.9	143.2	-	95.0	95.2	94.7	94.6	-
Cheese, natural and processed	2022	40.9	40.8	39.9	39.9	-	33.4	33.3	32.5	32.6	-
Fluid milk	2026	64.7	65.5	63.3	63.0	-	35.0	35.7	35.6	35.7	-
Preserved fruits and vegetables	203	229.9	214.1	241.8	216.5	-	191.0	175.8	204.7	180.3	-
Canned specialties	2032	21.0	20.6	21.4	20.1	-	17.0	16.6	17.3	15.9	-
Canned fruits and vegetables	2033	66.7	58.3	76.7	62.4	-	53.8	46.1	64.6	51.0	-
Frozen fruits and vegetables	2037	50.2	45.2	51.5	44.8	-	44.5	39.5	45.7	39.0	-
Grain mill products	204	128.5	127.1	127.0	126.0	-	91.4	90.0	90.6	89.5	-
Flour and other grain mill products	2041	19.4	19.3	19.1	18.8	-	12.5	12.4	12.4	11.8	-
Prepared feeds, nec	2048	42.9	42.8	42.8	42.0	-	27.2	27.0	27.1	27.0	-
Bakery products	205	211.2	209.1	204.3	205.6	-	143.0	141.2	137.6	139.4	-
Bread, cake, and related products	2051	147.8	147.9	144.8	146.1	-	91.6	91.6	88.2	89.7	-
Cookies, crackers, and frozen bakery products, except bread	2052.3	63.4	61.2	59.5	59.5	-	51.4	49.6	49.4	49.7	-
Sugar and confectionery products	206	111.7	109.2	112.1	110.9	-	89.5	86.7	90.3	89.5	-
Raw cane sugar	2061	7.0	6.9	5.5	7.0	-	5.4	5.4	4.0	5.5	-
Cane sugar refining	2062	5.0	5.0	4.5	4.5	-	4.0	4.0	3.4	3.4	-
Beet sugar	2063	11.9	10.5	13.5	10.8	-	10.8	9.4	12.3	9.8	-
Candy and other confectionery products	2064	59.8	59.3	61.2	61.9	-	48.7	47.7	50.2	51.0	-
Fats and oils	207	31.2	30.7	32.1	31.3	-	21.3	21.2	22.4	22.2	-
Beverages	208	174.5	173.8	176.3	174.9	-	81.6	81.3	83.8	82.8	-
Malt beverages	2082	35.4	34.9	34.2	34.5	-	23.4	22.9	21.7	22.1	-
Bottled and canned soft drinks	2086	92.0	92.0	93.0	92.8	-	36.0	36.2	38.1	37.6	-
Misc. food and kindred products	209	174.5	173.3	179.8	177.7	-	127.0	125.3	132.8	129.8	-
Tobacco products	21	42.4	44.0	43.2	42.8	43.3	32.4	34.2	34.3	33.6	34.6
Cigarettes	211	28.1	28.1	28.4	28.6	-	21.0	21.1	21.1	21.3	-
Textile mill products	22	654.8	648.1	633.8	630.8	628.8	552.8	547.0	538.2	534.9	534.4
Broadwoven fabric mills, cotton	221	78.2	77.7	73.4	73.3	-	68.9	68.6	64.8	64.9	-
Broadwoven fabric mills, synthetics	222	69.1	69.2	67.3	66.1	-	57.9	58.0	56.6	55.4	-
Broadwoven fabric mills, wool	223	16.0	15.9	15.6	15.7	-	13.6	13.7	13.4	13.5	-
Narrow fabric mills	224	22.4	22.0	20.7	20.4	-	18.8	18.4	17.2	16.8	-
Knitting mills	225	190.8	186.5	182.5	181.3	-	163.2	159.1	157.1	156.0	-
Women's hosiery, except socks	2251	21.8	21.2	20.4	20.6	-	18.9	18.4	17.8	18.0	-
Hosiery, nec	2252	41.1	40.7	40.3	40.0	-	35.9	35.7	35.3	34.9	-
Knit outerwear mills	2253	59.9	57.4	56.6	56.9	-	51.1	48.6	48.9	49.1	-
Knit underwear mills	2254	21.0	20.7	20.9	20.7	-	18.4	17.9	18.4	18.3	-
Weft knit fabric mills	2257	26.1	25.7	23.8	22.9	-	21.6	21.2	19.6	18.9	-
Textile finishing, except wool	226	71.6	71.4	69.9	69.8	-	58.2	58.2	57.1	56.9	-
Finishing plants, cotton	2261	34.0	33.9	32.8	32.7	-	27.9	27.9	26.8	26.7	-
Finishing plants, synthetics	2262	23.8	23.6	22.9	22.8	-	18.9	18.8	18.3	18.2	-
Carpets and rugs	227	62.4	62.2	61.3	61.4	-	50.6	50.4	50.2	50.1	-
Yarn and thread mills	228	93.0	92.5	92.1	92.3	-	82.2	81.7	81.9	82.1	-
Yarn spinning mills	2281	70.8	70.3	69.1	68.9	-	63.3	62.9	62.0	61.7	-
Throwing and winding mills	2282	15.3	15.3	15.9	16.3	-	13.0	13.0	13.7	14.1	-
Miscellaneous textile goods	229	51.3	50.7	51.0	50.5	-	39.4	38.9	39.9	39.2	-
Apparel and other textile products	23	897.7	880.4	840.9	832.3	819.0	739.8	724.2	689.1	681.7	670.7
Men's and boys' suits and coats	231	34.7	34.5	32.0	31.8	-	28.0	27.9	25.9	25.8	-
Men's and boys' furnishings	232	238.3	236.6	220.7	219.3	-	200.8	199.3	186.8	185.9	-
Men's and boys' shirts	2321	51.9	51.1	44.7	45.0	-	43.4	42.7	37.7	37.9	-
Men's and boys' trousers and slacks	2325	72.0	72.6	69.7	67.9	-	60.9	61.9	59.9	58.8	-
Men's and boys' work clothing	2326	39.0	38.8	37.4	37.1	-	33.7	33.5	32.2	32.0	-
Women's and misses' outerwear	233	268.0	257.1	246.1	243.3	-	220.8	210.4	200.7	198.1	-
Women's and misses' blouses and shirts	2331	27.8	27.0	25.2	24.9	-	22.0	21.3	19.9	19.4	-
Women's, juniors', and misses' dresses	2335	44.7	42.8	40.4	40.5	-	36.3	34.4	31.9	32.0	-
Women's and misses' suits and coats	2337	29.7	29.4	30.4	29.7	-	22.9	22.6	24.3	23.5	-
Women's and misses' outerwear, nec	2339	165.8	157.9	150.1	148.2	-	139.6	132.1	124.6	123.2	-

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 ¹				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	45.1	43.4	40.6	40.0	-	37.0	35.3	32.3	31.3	-
Women's and children's underwear	2341	33.5	32.0	30.3	29.8	-	28.8	27.3	25.3	24.7	-
Brassieres, girdles, and allied garments	2342	11.6	11.4	10.3	10.2	-	8.2	8.0	7.0	6.9	-
Girls' and children's outerwear	236	41.7	41.3	35.7	34.9	-	34.5	34.3	29.6	28.9	-
Girls' and children's dresses and blouses	2361	16.5	17.0	13.2	13.0	-	13.9	14.6	11.3	11.1	-
Misc. apparel and accessories	238	34.8	34.3	35.6	35.0	-	28.6	28.1	29.0	28.3	-
Misc. fabricated textile products	239	215.6	213.8	211.8	209.7	-	174.6	173.5	170.4	168.8	-
Curtains and draperies	2391	19.8	19.3	18.8	18.6	-	15.8	15.4	14.9	14.7	-
House furnishings, nec	2392	56.7	55.8	55.9	55.8	-	48.2	47.4	47.6	47.5	-
Automotive and apparel trimmings	2396	57.5	57.3	56.5	54.7	-	45.9	46.0	45.1	43.5	-
Paper and allied products	26	685.9	685.4	673.9	675.3	675.8	519.6	519.2	514.6	513.7	515.1
Paper mills	262	161.2	161.2	157.5	158.3	-	124.5	124.6	123.0	122.8	-
Paperboard mills	263	50.8	51.2	50.3	50.1	-	38.9	39.3	38.4	38.1	-
Paperboard containers and boxes	265	219.9	220.1	218.6	219.4	-	171.3	171.3	169.8	170.4	-
Corrugated and solid fiber boxes	2653	131.8	132.0	131.5	132.0	-	99.1	99.2	98.5	98.9	-
Sanitary food containers	2656	18.3	18.3	17.5	17.6	-	16.1	16.1	15.5	15.5	-
Folding paperboard boxes	2657	47.0	47.0	47.1	47.5	-	38.2	38.2	38.4	38.7	-
Misc. converted paper products	267	241.6	240.5	235.5	235.4	-	175.3	174.4	173.9	172.8	-
Paper, coated and laminated, nec	2672	47.8	47.8	45.6	45.7	-	23.7	23.5	24.2	24.1	-
Bags: plastics, laminated, and coated	2673	38.9	38.9	38.1	38.1	-	29.5	29.6	29.5	29.4	-
Envelopes	2677	23.8	24.0	23.5	23.9	-	18.5	18.6	18.3	18.7	-
Printing and publishing	27	1,542.9	1,545.6	1,527.0	1,531.1	1,534.2	846.6	848.7	830.9	835.5	836.0
Newspapers	271	446.9	446.9	441.9	442.1	-	155.5	154.9	149.4	149.8	-
Periodicals	272	130.2	130.4	129.8	130.3	-	42.2	42.4	42.6	43.1	-
Books	273	120.6	124.0	119.2	120.8	-	62.8	65.3	61.5	63.6	-
Book publishing	2731	82.5	84.9	81.4	82.3	-	32.2	33.7	31.6	33.1	-
Book printing	2732	38.1	39.1	37.8	38.5	-	30.6	31.6	29.9	30.5	-
Miscellaneous publishing	274	83.4	83.3	84.4	84.9	-	39.2	39.9	39.1	39.7	-
Commercial printing	275	565.3	565.3	561.7	562.5	-	407.9	408.0	400.9	402.0	-
Commercial printing, lithographic	2752	368.5	368.7	363.8	365.0	-	264.7	265.2	259.2	260.3	-
Commercial printing, nec	2759	175.2	175.0	176.6	176.4	-	126.0	125.8	124.8	124.8	-
Manifold business forms	276	44.7	45.0	44.0	44.1	-	30.9	31.1	30.6	30.9	-
Blankbooks and bookbinding	278	69.5	69.6	67.5	67.5	-	53.4	53.6	52.2	52.0	-
Printing trade services	279	54.6	54.3	51.9	51.8	-	38.9	38.5	36.0	35.8	-
Chemicals and allied products	28	1,027.8	1,024.1	1,016.9	1,014.6	1,016.0	578.4	576.0	562.3	560.7	559.8
Industrial inorganic chemicals	281	117.1	116.8	115.3	115.2	-	53.3	53.1	53.1	53.0	-
Industrial inorganic chemicals, ne.....	2821	74.4	74.6	74.9	75.2	-	46.4	46.5	46.4	46.6	-
Organic fibers, noncellulosic	2834	207.7	206.2	202.7	202.3	-	108.6	108.0	97.0	95.8	-
Soap, cleaners, and toilet goods	284	151.3	150.3	151.3	149.7	-	93.5	92.6	93.1	91.8	-
Soap and other detergents	2841	42.8	42.8	41.1	41.2	-	24.3	24.4	22.7	23.0	-
Polishing, sanitation, and finishing preparations	2842,3	40.4	40.3	39.9	39.8	-	23.4	23.2	22.5	22.3	-
Toilet preparations	2844	68.1	67.2	70.3	68.7	-	45.8	45.0	47.9	46.5	-
Paints and allied products	285	55.9	55.4	57.3	57.4	-	29.5	29.1	30.6	30.4	-
Industrial organic chemicals	286	146.8	147.3	144.4	144.5	-	84.1	84.5	81.9	82.0	-
Cyclic crudes and intermediates	2865	25.9	26.0	25.9	26.0	-	15.4	15.6	15.7	15.8	-
Industrial organic chemicals, nec	2869	118.3	118.8	115.9	115.9	-	66.7	66.9	64.3	64.3	-
Agricultural chemicals	287	52.0	52.1	51.5	50.8	-	30.3	30.5	30.4	30.9	-
Miscellaneous chemical products	289	91.6	91.3	90.5	90.7	-	54.8	54.5	54.4	54.6	-
Petroleum and coal products	29	140.7	137.8	140.0	138.4	135.4	90.0	87.5	92.0	90.4	88.1
Petroleum refining	291	100.1	99.7	96.7	96.3	-	62.8	62.7	62.0	61.8	-
Asphalt paving and roofing materials	295	27.0	24.4	29.4	28.2	-	20.0	17.5	22.5	21.2	-
Rubber and misc. plastics products	30	970.2	969.0	974.8	974.1	975.2	755.7	752.8	756.7	756.1	757.1
Tires and inner tubes	301	79.0	80.7	77.0	76.7	-	57.5	58.1	56.0	56.1	-
Rubber and plastics footwear	302	6.4	6.3	5.5	5.4	-	5.1	5.1	4.5	4.4	-
Hose, belting, gaskets, and packing	305	68.6	68.2	68.6	68.5	-	52.3	52.0	52.3	52.6	-
Rubber and plastics hose and belting	3052	27.6	27.5	27.5	27.5	-	21.4	21.3	21.3	21.3	-
Fabricated rubber products, nec	306	110.1	109.7	110.7	110.8	-	85.1	84.6	85.3	85.3	-
Miscellaneous plastics products, nec	308	706.1	704.1	713.0	712.7	-	555.7	553.0	558.6	557.7	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
Nondurable goods—Continued											
Leather and leather products	31	103.3	100.7	94.5	93.3	94.2	80.5	78.3	73.0	71.7	72.8
Leather tanning and finishing	311	13.1	13.2	12.8	12.6	-	10.7	10.8	10.5	10.5	-
Footwear, except rubber	314	51.4	49.1	45.2	44.7	-	41.7	39.7	36.2	35.8	-
Men's footwear, except athletic	3143	25.4	25.5	23.1	22.7	-	19.9	20.0	17.8	17.5	-
Women's footwear, except athletic	3144	17.0	15.5	13.8	13.8	-	14.0	12.8	11.1	11.2	-
Luggage	316	10.7	10.7	10.5	10.5	-	8.1	8.0	7.9	7.7	-
Handbags and personal leather goods	317	11.9	11.5	10.5	10.3	-	7.9	7.6	6.7	6.5	-
Transportation and public utilities		6,285	6,310	6,387	6,403	6,425	5,281	5,302	5,382	5,394	5,408
Transportation		4,014	4,040	4,103	4,112	4,141	-	-	-	-	-
Railroad transportation	40	236.7	235.7	232.4	232.4	230.7	-	-	-	-	-
Class I railroads plus Amtrak ²	4011	210.0	209.1	206.5	206.5	-	-	-	-	-	-
Local and interurban passenger transit	41	449.9	451.5	477.4	476.8	479.8	415.2	416.3	436.8	435.5	-
Local and suburban transportation	411	207.2	208.6	219.9	219.4	-	188.7	190.1	199.2	198.8	-
Taxicabs	412	33.5	33.9	34.8	34.9	-	-	-	-	-	-
Intercity and rural bus transportation	413	24.6	24.6	27.5	28.3	-	22.4	22.4	24.9	25.7	-
School buses	415	152.7	153.1	160.0	159.6	-	-	-	-	-	-
Trucking and warehousing	42	1,912.7	1,927.7	1,901.7	1,902.6	1,916.3	1,667.0	1,682.6	1,653.0	1,653.5	-
Trucking and courier services, except air	421	1,761.6	1,777.5	1,742.7	1,742.8	-	1,540.1	1,556.3	1,519.7	1,519.4	-
Public warehousing and storage	422	146.6	145.7	154.6	155.3	-	122.9	122.3	129.4	130.0	-
Water transportation	44	171.1	168.8	171.7	169.5	167.4	-	-	-	-	-
Water transportation of freight, nec	444	13.0	13.1	13.9	14.0	-	-	-	-	-	-
Water transportation services	449	118.0	116.1	119.1	118.0	-	104.8	102.6	104.9	103.9	-
Transportation by air	45	808.7	819.2	858.2	867.5	882.8	-	-	-	-	-
Air transportation, scheduled	451	648.9	656.8	683.9	690.7	-	-	-	-	-	-
Air transportation, scheduled	4512	492.2	495.2	518.1	521.1	-	-	-	-	-	-
Airports, flying fields, and services	458	113.4	115.2	122.4	124.3	-	-	-	-	-	-
Pipelines, except natural gas	46	14.4	14.4	13.8	13.8	13.9	11.5	11.4	11.3	11.2	-
Transportation services	47	420.6	422.5	447.4	449.1	449.6	335.4	337.7	361.2	363.5	-
Passenger transportation arrangement	472	203.1	202.9	212.4	212.3	-	165.9	166.2	177.1	177.1	-
Travel agencies	4724	161.4	161.3	168.5	168.4	-	131.4	131.8	140.7	140.8	-
Freight transportation arrangement	473	174.6	176.1	184.7	187.3	-	134.4	135.9	142.6	145.4	-
Communications and public utilities		2,271	2,270	2,284	2,291	2,284	-	-	-	-	-
Communications	48	1,362.3	1,362.1	1,397.8	1,404.9	1,400.5	1,057.2	1,058.7	1,102.4	1,105.3	-
Telephone communications	481	935.2	931.6	949.8	955.9	-	704.1	702.8	733.2	735.6	-
Telephone communications, except radio	4813	825.5	819.6	825.1	827.5	-	617.4	615.0	634.6	633.9	-
Radio and television broadcasting	483	238.6	240.0	246.9	246.8	-	201.0	202.3	206.0	205.8	-
Radio broadcasting stations	4832	114.3	115.0	117.8	117.6	-	-	-	-	-	-
Television broadcasting stations	4833	124.3	125.0	129.1	129.2	-	-	-	-	-	-
Cable and other pay television services	484	164.9	167.3	179.6	180.9	-	139.4	141.1	151.7	152.3	-
Electric, gas, and sanitary services	49	908.8	907.9	885.8	885.6	883.3	720.0	718.7	704.0	704.0	-
Electric services	491	398.1	396.7	380.7	380.8	-	311.6	310.8	301.9	302.8	-
Gas production and distribution	492	151.2	150.5	145.8	145.7	-	117.7	117.2	113.3	113.2	-
Combination utility services	493	165.3	165.0	161.9	161.5	-	127.5	127.1	126.7	126.0	-
Sanitary services	495	161.8	163.3	164.0	164.1	-	138.2	138.4	135.9	135.8	-
Wholesale trade		6,491	6,499	6,661	6,661	6,661	5,256	5,256	5,391	5,387	5,383
Durable goods	50	3,787	3,801	3,881	3,887	3,893	3,039	3,047	3,102	3,103	-
Motor vehicles, parts, and supplies	501	495.3	495.5	505.2	504.8	-	403.1	404.2	412.2	411.9	-
Automobiles and other motor vehicles	5012	131.7	132.3	136.1	136.6	-	-	-	-	-	-
Motor vehicle supplies and new parts	5013	288.7	288.5	292.4	291.5	-	-	-	-	-	-
Furniture and home furnishings	502	155.9	157.5	162.9	163.2	-	124.6	126.4	129.9	130.1	-
Furniture	5021	71.5	72.6	75.6	76.1	-	-	-	-	-	-
Home furnishings	5023	84.4	84.9	87.3	87.1	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P
Wholesale trade—Continued											
Durable goods—Continued											
Lumber and other construction materials	503	243.7	241.6	254.1	253.3	-	201.0	199.2	209.9	209.3	-
Lumber, plywood, and millwork	5031	123.4	123.3	126.5	127.1	-	-	-	-	-	-
Construction materials, nec	5039	39.0	38.6	41.5	41.2	-	-	-	-	-	-
Professional and commercial equipment	504	831.1	837.9	867.1	870.3	-	663.9	665.1	691.3	690.5	-
Office equipment	5044	195.8	197.6	206.4	207.8	-	-	-	-	-	-
Computers, peripherals and software	5045	308.7	311.1	322.5	323.2	-	-	-	-	-	-
Medical and hospital equipment	5047	181.0	182.4	189.2	189.5	-	149.6	150.6	155.0	154.5	-
Metals and minerals, except petroleum	505	143.9	144.6	149.2	149.2	-	116.1	116.8	120.3	120.1	-
Electrical goods	506	497.1	500.0	504.0	506.1	-	389.8	392.3	381.1	382.2	-
Electrical apparatus and equipment	5063	213.4	214.4	219.0	221.1	-	-	-	-	-	-
Electrical appliances, television and radio sets	5064	49.5	49.4	47.7	46.8	-	-	-	-	-	-
Electronic parts and equipment	5065	234.2	236.2	237.3	238.2	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	287.5	288.4	293.1	294.9	-	232.1	232.4	237.6	239.0	-
Hardware	5072	101.1	101.3	103.2	103.7	-	-	-	-	-	-
Plumbing and hydronic heating supplies	5074	114.2	114.6	115.2	116.1	-	-	-	-	-	-
Machinery, equipment, and supplies	508	791.5	793.1	808.4	809.1	-	630.5	631.8	645.9	646.4	-
Construction and mining machinery	5082	83.1	83.7	86.1	86.8	-	-	-	-	-	-
Farm and garden machinery	5083	117.2	117.1	119.9	118.4	-	-	-	-	-	-
Industrial machinery and equipment	5084	321.9	322.4	327.9	328.6	-	-	-	-	-	-
Industrial supplies	5085	150.3	150.7	151.8	152.3	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	340.6	342.4	336.5	336.2	-	278.3	279.2	273.7	273.7	-
Scrap and waste materials	5093	133.4	133.3	132.5	132.0	-	-	-	-	-	-
Nondurable goods	51	2,704	2,698	2,780	2,774	2,768	2,217	2,209	2,289	2,284	-
Paper and paper products	511	263.0	264.9	269.7	269.1	-	217.8	219.9	225.8	225.1	-
Stationery and office supplies	5112	149.4	151.1	154.3	155.1	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	201.3	202.8	208.3	208.9	-	166.4	167.4	173.6	174.1	-
Apparel, piece goods, and notions	513	228.8	225.6	238.6	240.1	-	182.3	179.3	192.6	195.0	-
Groceries and related products	514	906.0	904.5	920.8	923.2	-	761.4	760.0	776.4	780.1	-
Groceries, general line	5141	280.0	279.8	277.5	278.7	-	-	-	-	-	-
Meats and meat products	5147	62.8	63.2	61.3	61.9	-	-	-	-	-	-
Fresh fruits and vegetables	5148	110.0	107.0	123.4	121.1	-	-	-	-	-	-
Farm-product raw materials	515	112.2	109.8	115.3	110.7	-	91.6	89.4	94.3	89.4	-
Chemicals and allied products	516	145.5	144.8	144.1	143.0	-	109.4	108.6	106.4	105.1	-
Petroleum and petroleum products	517	160.4	161.3	164.5	163.6	-	133.1	133.7	136.0	134.9	-
Petroleum bulk stations and terminals	5171	65.1	65.8	66.8	66.1	-	-	-	-	-	-
Petroleum products, nec	5172	95.3	95.5	97.7	97.5	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	153.9	154.1	156.4	157.0	-	125.3	125.5	126.6	126.9	-
Beer and ale	5181	99.6	99.4	101.9	101.4	-	-	-	-	-	-
Wine and distilled beverages	5182	54.3	54.7	54.5	55.6	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	532.9	529.7	562.6	558.0	-	429.6	425.1	457.3	453.7	-
Farm supplies	5191	157.4	155.8	173.3	168.4	-	-	-	-	-	-
Retail trade		21,633	21,923	21,837	22,183	22,487	19,063	19,338	19,206	19,543	19,830
Building materials and garden supplies	52	872.2	871.2	937.6	934.1	932.9	727.0	726.2	782.3	779.8	-
Lumber and other building materials	521	515.0	511.7	556.8	554.6	-	437.5	434.3	473.5	470.7	-
Paint, glass, and wallpaper stores	523	67.1	67.0	71.0	71.3	-	52.1	52.1	55.2	55.5	-
Hardware stores	525	162.9	164.5	168.5	169.0	-	134.2	135.5	138.7	140.7	-
Retail nurseries and garden stores	526	90.1	91.0	100.2	98.2	-	73.3	74.3	82.1	80.2	-
General merchandise stores	53	2,889.6	2,956.9	2,811.7	2,978.0	3,036.5	2,701.4	2,768.1	2,623.1	2,786.8	-
Department stores	531	2,543.6	2,593.4	2,487.3	2,626.8	2,666.0	2,398.9	2,448.2	2,343.2	2,481.7	-
Variety stores	533	140.0	145.4	133.1	143.7	-	122.9	128.2	114.5	124.2	-
Miscellaneous general merchandise stores	539	206.0	218.1	191.3	207.5	-	179.6	191.7	165.4	180.9	-
Food stores	54	3,423.0	3,461.1	3,457.0	3,487.4	3,519.3	3,113.0	3,149.4	3,128.8	3,158.1	-
Grocery stores	541	3,022.5	3,047.4	3,032.4	3,044.7	-	2,768.0	2,791.4	2,766.4	2,777.4	-
Meat and fish markets	542	49.4	51.9	49.5	52.8	-	-	-	-	-	-
Dairy products stores	545	14.3	15.7	10.4	13.9	-	-	-	-	-	-
Retail bakeries	546	193.7	195.1	202.7	205.1	-	170.0	171.7	178.5	180.7	-
Automotive dealers and service stations	55	2,208.2	2,208.2	2,309.1	2,304.6	2,301.9	1,839.9	1,837.9	1,929.5	1,924.0	-
New and used car dealers	551	1,005.9	1,005.4	1,044.4	1,042.9	1,042.0	840.5	839.8	873.8	871.9	-

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 ¹				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^e	Dec. 1996 ^e	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^e	Dec. 1996 ^e
Retail trade—Continued											
Automotive dealers and service stations—Continued											
Auto and home supply stores	553	379.5	379.0	407.4	408.2	-	302.9	302.2	325.5	326.5	-
Gasoline service stations	554	649.1	651.6	672.8	673.0	-	558.5	559.8	583.1	582.5	-
Automotive dealers, nec	559	8.7	8.8	9.3	9.3	-	7.1	7.3	7.6	7.6	-
Apparel and accessory stores	56	1,160.3	1,206.8	1,101.2	1,154.2	1,201.6	955.7	995.9	910.2	963.3	-
Men's and boys' clothing stores	561	87.3	90.7	78.6	81.3	-	70.9	74.3	62.7	65.4	-
Women's clothing stores	562	349.3	357.9	327.6	339.7	-	285.8	294.7	271.5	284.5	-
Family clothing stores	565	334.9	354.7	303.6	330.9	-	290.2	304.6	264.8	291.7	-
Shoe stores	566	203.4	211.5	208.1	211.0	-	158.7	165.9	163.8	166.6	-
Furniture and home furnishings stores	57	969.1	984.0	999.5	1,029.7	1,058.4	788.9	803.4	816.8	845.1	-
Furniture and home furnishings stores	571	498.9	503.1	532.4	543.3	-	404.2	408.2	432.1	441.7	-
Furniture stores	5712	295.5	296.8	317.3	321.3	-	-	-	-	-	-
Household appliance stores	572	78.2	78.6	72.3	74.3	-	64.0	64.4	58.8	60.7	-
Radio, television, and computer stores	573	392.0	402.3	394.8	412.1	-	320.7	330.8	325.9	342.7	-
Radio, television, and electronic stores	5731	178.4	180.1	179.9	189.0	-	149.8	151.8	150.5	159.7	-
Record and prerecorded tape stores	5735	82.3	89.0	76.6	83.0	-	62.7	69.1	61.3	67.6	-
Eating and drinking places	58	7,348.5	7,389.0	7,484.4	7,462.8	7,501.7	6,623.6	6,658.4	6,735.3	6,718.0	-
Miscellaneous retail establishments	59	2,761.6	2,845.6	2,736.6	2,832.1	2,934.2	2,313.5	2,398.6	2,279.9	2,368.2	-
Drug stores and proprietary stores	591	609.8	615.6	612.4	616.5	-	508.1	515.0	505.6	508.9	-
Liquor stores	592	113.0	114.6	115.9	117.3	-	-	-	-	-	-
Used merchandise stores	593	105.4	104.5	111.7	113.4	-	88.9	87.8	93.0	94.2	-
Miscellaneous shopping goods stores	594	999.9	1,066.3	957.2	1,024.6	-	842.6	908.3	801.2	865.9	-
Sporting goods and bicycle shops	5941	188.4	192.4	182.1	189.3	-	-	-	-	-	-
Book stores	5942	121.0	127.7	122.9	127.6	-	-	-	-	-	-
Stationery stores	5943	82.0	84.5	85.2	86.6	-	-	-	-	-	-
Jewelry stores	5944	140.9	148.1	133.3	138.7	-	-	-	-	-	-
Gift, novelty, and souvenir shops	5947	223.7	234.1	217.5	224.4	-	-	-	-	-	-
Stationery, needlework, and die-cutting	5949	56.7	57.0	54.9	55.8	-	-	-	-	-	-
Nonstore retailers	596	353.0	352.8	348.8	363.1	-	302.3	302.7	297.4	309.4	-
Catalog and mail-order houses	5961	225.5	225.6	225.0	240.0	-	-	-	-	-	-
Merchandising machine operators	5962	70.4	70.3	67.7	67.1	-	-	-	-	-	-
Fuel dealers	598	102.8	104.2	102.7	104.5	-	85.1	86.7	85.2	86.9	-
Retail stores, nec	599	477.7	487.6	487.9	492.7	-	394.0	404.1	402.9	406.9	-
Florists, tobacco stores, and newsstands	5992,3,4	144.2	153.5	145.7	148.8	-	-	-	-	-	-
Optical goods stores	5995	65.4	64.6	69.2	68.6	-	53.6	53.2	57.3	56.8	-
Miscellaneous retail stores, nec	5999	268.1	269.5	273.0	275.3	-	216.3	217.9	220.9	223.1	-
Finance, insurance, and real estate³		6,851	6,866	7,007	7,016	7,034	4,994	5,004	5,110	5,113	5,127
Finance		3,252	3,265	3,342	3,356	3,372	-	-	-	-	-
Depository institutions	60	2,016.9	2,020.3	2,027.1	2,031.8	2,036.5	1,451.3	1,453.0	1,458.8	1,462.0	-
Commercial banks	602	1,462.2	1,466.1	1,472.2	1,477.3	1,482.4	1,038.1	1,040.5	1,044.4	1,048.4	-
State commercial banks	6022	587.6	589.6	600.0	602.1	-	422.0	423.4	429.1	430.6	-
National and commercial banks, nec	6021,9	874.6	876.5	872.2	875.2	-	616.1	617.1	615.3	617.8	-
Savings institutions	603	268.5	267.1	259.1	257.8	256.5	-	-	-	-	-
Federal savings institutions	6035	146.3	145.7	143.2	142.2	-	-	-	-	-	-
Savings institutions, except federal	6036	122.2	121.4	115.9	115.6	-	-	-	-	-	-
Credit unions	606	158.4	159.4	164.6	165.0	-	126.1	126.9	131.0	131.2	-
Nondepository institutions	61	477.5	484.5	523.0	528.6	535.0	347.1	351.5	375.3	378.1	-
Personal credit institutions	614	146.4	148.3	158.7	159.9	-	107.6	108.8	111.7	112.6	-
Business credit institutions	615	96.2	97.4	105.6	107.0	-	-	-	-	-	-
Mortgage bankers and brokers	616	212.3	215.9	235.1	237.8	241.9	-	-	-	-	-
Security and commodity brokers	62	524.8	526.8	548.1	551.0	554.1	-	-	-	-	-
Security brokers and dealers	621	400.2	401.9	417.9	419.9	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges	622,3	24.1	24.1	24.6	24.8	-	-	-	-	-	-
Security and commodity services	628	100.5	100.8	105.6	106.3	-	65.5	65.5	69.5	69.7	-
Holding and other investment offices	67	232.8	233.6	244.1	244.2	246.2	-	-	-	-	-
Holding offices	671	105.7	105.9	112.8	112.1	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p
Finance, insurance, and real estate—Continued											
Insurance	63,64	2,244	2,247	2,258	2,259	2,264	-	-	-	-	-
Insurance carriers	63	1,542.2	1,542.6	1,547.5	1,546.9	1,550.3	1,104.8	1,104.3	1,105.3	1,107.4	-
Life insurance	631	571.2	568.7	546.4	544.2	-	384.4	381.6	362.3	362.5	-
Medical service and health insurance	632	312.1	314.7	331.9	332.9	-	257.1	259.3	271.8	273.3	-
Hospital and medical service plans	6324	250.9	253.0	270.2	271.4	-	209.7	211.4	224.0	225.8	-
Fire, marine, and casualty insurance	633	530.1	529.6	531.9	532.0	-	358.4	358.0	361.2	361.5	-
Title insurance	636	66.4	66.8	71.2	71.5	-	-	-	-	-	-
Insurance agents, brokers, and service	64	701.7	704.4	710.6	711.9	713.7	-	-	-	-	-
Real estate	65	1,355	1,354	1,407	1,401	1,398	-	-	-	-	-
Real estate operators and lessors	651	574.5	575.9	591.2	590.4	-	-	-	-	-	-
Real estate agents and managers	653	641.1	642.0	666.9	666.0	-	-	-	-	-	-
Subdividers and developers	655	109.6	106.1	116.8	112.9	-	-	-	-	-	-
Services		33,572	33,538	34,914	34,784	34,739	29,384	29,334	30,541	30,401	30,339
Agricultural services	07	580.3	543.7	644.6	622.7	570.9	486.3	451.7	545.5	525.3	-
Veterinary services	074	165.5	166.2	170.9	172.2	-	138.5	139.2	143.2	144.2	-
Landscape and horticultural services	078	367.8	330.7	426.3	403.2	-	309.3	274.3	363.2	342.0	-
Hotels and other lodging places	70	1,588.1	1,580.3	1,691.0	1,629.4	1,626.0	-	-	-	-	-
Hotels and motels	701	1,542.8	1,537.3	1,635.3	1,577.5	-	1,351.0	1,346.5	1,437.0	1,382.9	-
Personal services	72	1,138.3	1,152.7	1,155.5	1,157.4	1,173.4	-	-	-	-	-
Laundry, cleaning, and garment services	721	436.3	435.4	439.0	438.4	-	385.0	383.9	386.2	385.2	-
Photographic studios, portrait	722	83.0	80.5	86.3	88.0	-	-	-	-	-	-
Beauty shops	723	391.9	395.3	396.6	399.1	-	350.9	353.8	352.3	355.8	-
Funeral service and crematories	726	90.9	91.9	94.8	93.9	-	-	-	-	-	-
Miscellaneous personal services	729	118.9	132.5	122.3	121.3	-	99.1	111.4	102.1	101.0	-
Business services	73	7,039.7	7,024.6	7,449.4	7,397.8	7,385.8	6,286.2	6,266.5	6,638.7	6,581.5	-
Advertising	731	243.2	244.3	255.3	256.4	-	178.1	178.7	185.4	186.4	-
Advertising agencies	7311	164.0	165.1	174.0	174.5	-	-	-	-	-	-
Credit reporting and collection	732	121.6	121.5	121.4	121.6	-	-	-	-	-	-
Mailing, reproduction, and stenographic services	733	288.4	289.4	315.1	315.9	-	-	-	-	-	-
Photocopying and duplicating services	7334	71.4	72.1	77.8	78.5	-	59.6	60.1	65.3	66.1	-
Services to buildings	734	889.4	888.8	892.9	886.4	880.3	798.9	798.4	800.5	793.8	-
Disinfecting and pest control services	7342	81.6	80.7	84.8	83.1	-	65.1	64.4	67.8	66.4	-
Building maintenance services, nec	7349	807.8	808.1	808.1	803.3	-	733.8	734.0	732.7	727.4	-
Miscellaneous equipment rental and leasing	735	228.0	227.3	234.5	232.4	-	183.8	182.8	188.9	187.0	-
Medical equipment rental	7352	38.6	39.2	39.5	40.3	-	31.1	31.4	31.0	31.8	-
Heavy construction equipment rental	7353	42.4	42.7	45.1	44.9	-	36.3	36.4	38.4	38.0	-
Equipment rental and leasing, nec	7359	147.0	145.4	149.9	147.2	-	116.4	115.0	119.5	117.2	-
Personnel supply services	736	2,611.5	2,586.7	2,836.6	2,770.6	2,741.6	-	-	-	-	-
Employment agencies	7361	299.6	301.5	314.9	317.4	-	-	-	-	-	-
Help supply services	7363	2,311.9	2,285.2	2,521.7	2,453.2	2,422.6	2,251.5	2,223.0	2,456.0	2,385.4	-
Computer and data processing services	737	1,125.2	1,139.3	1,236.1	1,253.2	1,269.7	907.1	918.3	986.0	999.4	-
Computer programming services	7371	254.5	256.9	281.1	284.4	-	213.9	216.8	235.2	238.9	-
Prepackaged software	7372	192.2	195.2	213.8	215.9	-	-	-	-	-	-
Computer integrated systems design	7373	131.6	132.9	143.7	145.7	-	98.9	99.2	102.4	103.5	-
Data processing and preparation	7374	232.7	235.3	247.1	253.1	-	-	-	-	-	-
Information retrieval services	7375	59.8	60.3	68.6	69.1	-	45.9	45.9	50.6	50.4	-
Computer maintenance and repair	7378	48.9	49.9	52.7	52.2	-	40.2	40.8	38.4	37.9	-
Miscellaneous business services	738	1,532.4	1,527.3	1,557.5	1,561.3	-	1,344.8	1,340.4	1,360.6	1,365.5	-
Detective and armored car services	7381	552.5	550.9	552.4	555.0	-	514.9	513.7	512.2	514.8	-
Security systems services	7382	48.2	49.0	50.6	51.2	-	40.7	41.4	42.8	43.4	-
Photofinishing laboratories	7384	77.3	77.4	74.5	74.3	-	-	-	-	-	-
Auto repair, services, and parking	75	1,036.5	1,041.3	1,117.3	1,118.8	1,127.5	855.1	858.0	919.2	919.5	-
Automotive rentals, without drivers	751	187.2	187.3	207.1	206.3	-	153.9	153.0	171.5	169.9	-
Passenger car rental	7514	118.8	118.0	134.1	134.5	-	99.5	98.0	112.9	112.8	-
Automobile parking	752	65.5	65.0	65.0	64.4	-	57.9	57.5	57.1	56.5	-
Automotive repair shops	753	575.4	578.7	627.7	631.3	-	465.0	467.8	504.8	508.2	-
Automotive and tire repair shops	7532,4	204.5	205.7	223.6	224.9	-	168.8	170.1	183.5	185.0	-
General automotive repair shops	7538	237.3	238.7	253.6	259.2	-	190.0	190.9	206.3	208.0	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
Services—Continued											
Auto repair, services, and parking—Continued											
Automotive services, except repair	754	208.4	210.3	217.5	216.8	-	178.3	179.7	185.8	184.9	-
Carwashes	7542	116.1	118.1	120.2	119.8	-	101.9	103.7	105.6	105.0	-
Miscellaneous repair services	76	356.2	357.8	368.0	368.9	369.4	290.3	291.8	300.4	301.0	-
Electrical repair shops	762	108.2	108.8	114.4	114.7	-	-	-	-	-	-
Motion pictures	78	502.4	508.3	522.2	525.4	536.9	418.7	424.1	434.5	440.5	-
Motion picture production and services	781	222.2	221.8	243.1	243.1	-	188.5	187.1	202.9	205.1	-
Motion picture theaters	783	112.3	116.2	107.7	110.2	-	-	-	-	-	-
Video tape rental	784	146.3	149.3	149.1	149.1	-	118.6	121.6	121.7	121.9	-
Amusement and recreation services	79	1,321.8	1,319.2	1,485.4	1,393.3	1,394.4	1,145.6	1,143.3	1,292.2	1,202.6	-
Bowling centers	793	89.5	89.8	84.5	85.0	-	80.1	80.2	76.2	76.5	-
Misc. amusement and recreation services	799	947.4	949.6	1,090.5	1,005.0	-	820.9	823.7	949.4	865.8	-
Physical fitness facilities	7991	156.5	157.3	166.0	167.1	-	139.6	140.8	147.7	149.0	-
Membership sports and recreation clubs	7997	295.0	290.2	350.6	321.2	-	255.3	250.7	306.3	277.7	-
Health services	80	9,392.9	9,425.8	9,640.8	9,669.5	9,691.0	8,322.4	8,352.1	8,548.7	8,567.5	-
Offices and clinics of medical doctors	801	1,630.6	1,641.4	1,689.6	1,693.5	1,704.9	1,331.9	1,341.1	1,385.0	1,386.7	-
Offices and clinics of dentists	802	609.7	612.7	632.3	636.9	-	533.2	536.5	555.3	558.2	-
Offices and clinics of other health practitioners	804	424.8	428.6	452.5	453.6	-	351.7	354.5	376.5	376.4	-
Offices and clinics of chiropractors and optometrists	8041,2	165.5	165.9	175.7	176.9	-	-	-	-	-	-
Nursing and personal care facilities	805	1,717.6	1,719.0	1,755.6	1,762.3	1,764.0	1,549.7	1,550.0	1,579.5	1,585.8	-
Skilled nursing care facilities	8051	1,269.5	1,270.6	1,298.9	1,303.2	-	-	-	-	-	-
Intermediate care facilities	8052	215.4	216.3	219.6	220.6	-	193.9	195.0	198.1	198.8	-
Nursing and personal care, nec	8059	232.7	232.1	237.1	238.5	-	-	-	-	-	-
Hospitals	806	3,809.1	3,818.0	3,866.1	3,873.3	3,881.6	3,484.3	3,493.6	3,541.9	3,546.3	-
General medical and surgical hospitals	8062	3,509.7	3,517.0	3,565.4	3,572.5	-	-	-	-	-	-
Psychiatric hospitals	8063	89.7	89.8	89.2	88.9	-	-	-	-	-	-
Specialty hospitals, excluding psychiatric	8069	209.7	211.2	211.5	211.9	-	-	-	-	-	-
Medical and dental laboratories	807	197.3	199.1	215.1	216.5	-	-	-	-	-	-
Home health care services	808	648.5	651.3	663.9	666.6	663.8	599.9	602.4	614.9	616.8	-
Legal services	81	921.1	922.4	932.7	939.4	941.3	734.2	735.0	742.4	747.2	-
Educational services	82	2,128.4	2,085.5	2,148.4	2,182.8	2,135.5	-	-	-	-	-
Elementary and secondary schools	821	587.0	586.8	585.4	589.4	-	-	-	-	-	-
Colleges and universities	822	1,302.1	1,260.3	1,311.6	1,337.1	-	-	-	-	-	-
Vocational schools	824	82.2	81.5	87.2	89.8	-	-	-	-	-	-
Social services	83	2,368.2	2,372.9	2,420.1	2,430.9	2,430.8	2,052.5	2,055.8	2,102.6	2,112.1	-
Individual and family services	832	634.2	636.0	644.4	647.8	-	549.4	550.9	559.1	562.4	-
Job training and related services	833	299.4	299.4	304.3	305.6	-	254.7	254.4	260.7	261.9	-
Child day care services	835	582.1	581.1	594.0	595.4	593.5	514.2	513.4	526.5	528.4	-
Residential care	836	645.5	648.8	670.1	673.8	674.6	559.7	562.6	579.7	582.9	-
Social services, nec	839	207.0	207.6	207.3	208.3	-	174.5	174.5	176.6	176.5	-
Museums and botanical and zoological gardens	84	79.6	79.1	86.5	83.4	84.1	-	-	-	-	-
Membership organizations	86	2,123.2	2,124.7	2,140.8	2,142.2	2,143.5	-	-	-	-	-
Business associations	861	107.4	106.8	104.8	105.1	-	-	-	-	-	-
Professional organizations	862	56.9	57.1	58.9	59.4	-	40.8	40.9	42.1	42.6	-
Labor organizations	863	137.1	139.9	134.6	134.6	-	-	-	-	-	-
Civic and social associations	864	415.8	417.7	434.4	435.0	-	-	-	-	-	-
Engineering and management services	87	2,802.5	2,807.5	2,918.5	2,928.7	2,934.7	2,153.1	2,154.3	2,228.4	2,237.4	-
Engineering and architectural services	871	823.6	822.4	857.3	860.1	857.8	679.2	678.1	703.4	706.2	-
Engineering services	8711	640.4	639.1	661.3	663.3	-	533.5	532.3	547.9	550.1	-
Architectural services	8712	130.2	130.2	138.3	139.5	-	101.6	101.7	108.2	109.0	-
Surveying services	8713	53.0	53.1	57.7	57.3	-	44.1	44.1	47.3	47.1	-
Accounting, auditing, and bookkeeping	872	548.9	555.6	569.9	571.6	-	394.5	399.8	402.9	403.5	-

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 ¹				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p
Services—Continued											
Engineering and management services—Continued											
Research and testing services	873	571.2	568.5	567.8	567.7	-	442.3	439.2	433.5	432.9	-
Commercial physical research	8731	220.6	220.5	211.1	210.5	-	160.5	159.8	146.3	145.4	-
Commercial nonphysical research	8732	121.4	121.3	125.9	127.1	-	99.5	99.7	103.9	104.9	-
Noncommercial research organizations	8733	133.3	132.7	134.6	135.6	-	103.9	102.8	104.7	105.6	-
Management and public relations	874	858.8	861.0	923.5	929.3	933.2	637.1	637.2	688.6	694.8	-
Management services	8741	302.0	303.0	328.6	330.4	-	216.3	218.0	239.9	242.8	-
Management consulting services	8742	296.9	296.7	322.8	325.0	-	223.3	221.7	243.2	244.5	-
Public relations services	8743	35.0	35.3	36.8	37.2	-	22.6	22.7	23.9	24.1	-
Services, nec	89	45.6	45.0	46.0	45.9	46.2	36.3	35.7	36.6	36.4	-
Government		19,756	19,710	19,788	19,973	19,881	-	-	-	-	-
Federal Government ⁴		2,783	2,819	2,716	2,718	2,749	-	-	-	-	-
Executive, by agency ¹		2,721.6	2,757.7	2,655.4	-	-	-	-	-	-	-
Department of Defense		757.4	756.4	718.6	-	-	-	-	-	-	-
Postal Service ⁵		850.4	894.4	848.9	-	-	-	-	-	-	-
Other executive agencies		1,113.8	1,106.9	1,087.9	-	-	-	-	-	-	-
Legislative		32.7	32.6	31.3	-	-	-	-	-	-	-
Judicial		28.4	28.4	29.0	-	-	-	-	-	-	-
Federal Government, except Postal Service		1,932.3	1,924.3	1,866.8	1,857.8	1,848.7	-	-	-	-	-
Federal Government, by industry:											
Manufacturing activities		60.9	60.6	51.8	51.5	-	-	-	-	-	-
Ship building and repairing	3731	29.4	29.2	24.2	24.0	-	-	-	-	-	-
Transportation and public utilities, except Postal Service		20.2	20.1	19.1	19.0	-	-	-	-	-	-
Services		373.5	374.0	367.1	365.1	-	-	-	-	-	-
Hospitals	806	229.8	231.5	224.1	223.3	-	-	-	-	-	-
State government		4,779	4,722	4,756	4,781	4,732	-	-	-	-	-
Hospitals	806	392.6	392.3	377.1	378.5	-	-	-	-	-	-
Education	82	2,103.2	2,052.4	2,088.3	2,122.0	2,078.1	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		1,794.5	1,790.8	1,805.6	1,797.0	-	-	-	-	-	-
State government, except education		2,675.9	2,669.2	2,667.8	2,658.8	2,654.3	-	-	-	-	-
Local government		12,194	12,169	12,316	12,474	12,400	-	-	-	-	-
Transportation and public utilities		452.6	453.0	449.0	448.2	-	-	-	-	-	-
Hospitals	806	683.5	684.9	696.1	697.6	-	-	-	-	-	-
Education	82	6,990.7	6,984.6	7,043.3	7,155.3	7,143.8	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		3,634.5	3,620.4	3,665.6	3,712.4	-	-	-	-	-	-
Local government, except education		5,203.6	5,184.7	5,272.8	5,318.3	5,255.8	-	-	-	-	-

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

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

³ Excludes nonoffice commissioned real estate sales agents.

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

the National Security Agency.

⁵ Includes rural mail carriers.

- Data not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 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	Sept. 1995	Oct. 1995	Aug. 1996	Sept. 1996	Oct. 1996
Total	56,885	57,385	57,248	58,131	58,758
Total private	46,425	46,549	47,445	47,505	47,758
Goods-producing	6,685	6,660	6,619	6,607	6,604
Mining	80	80	78	77	77
Construction	590	590	625	620	622
Manufacturing	6,015	5,990	5,916	5,910	5,905
Durable goods	2,811	2,813	2,822	2,822	2,826
Lumber and wood products	128	129	134	134	135
Furniture and fixtures	157	157	156	157	157
Stone, clay, and glass products	104	104	102	102	102
Primary metal industries	100	100	101	101	100
Fabricated metal products	316	317	320	321	323
Industrial machinery and equipment	444	447	451	449	451
Electronic and other electrical equipment	681	684	681	683	681
Transportation equipment	361	356	362	362	362
Instruments and related products	344	344	342	341	341
Miscellaneous manufacturing	176	177	173	173	175
Nondurable goods	3,204	3,177	3,094	3,088	3,079
Food and kindred products	589	576	575	572	560
Tobacco products	13	13	12	14	14
Textile mill products	310	309	297	295	296
Apparel and other textile products	695	684	625	629	627
Paper and allied products	166	164	165	164	163
Printing and publishing	688	688	689	685	688
Chemicals and allied products	329	327	325	322	322
Petroleum and coal products	25	25	25	24	24
Rubber and misc. plastics products	331	332	330	331	332
Leather and leather products	59	59	52	52	52
Service-producing	50,200	50,725	50,629	51,524	52,154
Transportation and public utilities	1,848	1,858	1,892	1,931	1,929
Wholesale trade	1,991	2,001	2,043	2,056	2,070
Retail trade	11,248	11,248	11,476	11,468	11,531
Finance, insurance, and real estate	4,313	4,311	4,447	4,414	4,413
Services	20,340	20,471	20,968	21,029	21,211
Government	10,460	10,836	9,803	10,626	11,000
Federal	1,182	1,172	1,165	1,157	1,148
State	2,316	2,402	2,208	2,319	2,407
Local	6,962	7,262	6,430	7,150	7,445

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		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P
Alabama	1,830.3	1,835.5	1,844.4	11.1	11.2	11.1	89.0	90.8	91.2
Birmingham	449.2	449.4	451.8	3.3	3.4	3.3	23.5	23.5	23.6
Huntsville	167.2	165.7	166.6	(1)	(1)	(1)	5.5	5.4	5.5
Mobile	215.6	222.2	222.8	(1)	(1)	(1)	15.8	16.9	17.0
Montgomery	152.4	153.9	155.4	(1)	(1)	(1)	8.0	8.6	8.8
Tuscaloosa	74.8	75.0	75.6	2.6	2.6	2.6	4.7	4.7	4.7
Alaska	255.8	265.9	258.2	9.8	9.8	9.6	12.8	15.3	12.9
Anchorage	120.3	122.5	120.9	2.5	2.5	2.5	6.4	7.3	6.2
Arizona	1,829.5	1,889.7	1,915.3	12.4	12.5	12.5	120.4	127.1	127.3
Phoenix-Mesa	1,249.8	1,302.2	1,325.1	5.2	5.1	5.1	84.9	90.8	91.5
Tucson	306.9	311.8	313.0	2.2	2.3	2.3	20.0	20.4	20.2
Arkansas	1,084.3	1,103.7	1,102.2	3.5	3.5	3.4	45.3	49.4	48.0
Fayetteville-Springdale-Rogers	132.4	136.6	137.8	(1)	(1)	(1)	5.5	5.9	5.9
Fort Smith	93.7	93.7	93.7	.8	.8	.8	3.5	3.5	3.4
Little Rock-North Little Rock	295.9	302.1	301.9	(1)	(1)	(1)	13.4	14.5	14.3
Pine Bluff	35.5	35.7	35.7	(1)	(1)	(1)	.7	.8	.8
California	12,651.1	12,901.8	12,977.5	29.1	28.3	28.2	513.0	546.2	544.2
Bakersfield	175.0	177.3	178.1	10.4	10.4	10.5	8.7	8.9	8.8
Fresno	266.2	268.9	266.8	.6	.5	.4	13.5	13.9	13.8
Los Angeles-Long Beach	3,821.4	3,890.7	3,913.9	5.8	5.9	5.9	116.1	127.4	127.7
Modesto	125.5	126.8	127.0	(2)	(2)	(2)	6.3	6.3	6.1
Oakland	910.0	921.1	925.1	2.5	2.3	2.2	46.1	47.1	47.4
Orange County	1,164.4	1,189.7	1,195.8	.9	1.0	1.0	50.6	54.3	54.0
Riverside-San Bernardino	789.1	805.9	813.4	1.1	1.1	1.1	43.9	47.9	47.3
Sacramento	603.9	611.7	618.2	.3	.3	.3	29.0	31.5	31.4
Salinas	110.4	113.9	114.6	.1	.1	.1	3.9	4.4	4.4
San Diego	990.2	998.0	1,004.3	3	3	3	44.7	46.0	45.7
San Francisco	928.5	929.1	936.0	.6	.6	.6	29.2	30.7	30.7
San Jose	845.7	870.4	875.9	1	2	2	29.2	32.8	32.8
Santa Barbara-Santa Maria-Lompoc	146.8	148.6	149.2	1.2	1.1	1.1	5.5	6.1	6.1
Santa Rosa	154.4	157.9	157.5	4	4	4	8.0	8.7	8.6
Stockton-Lodi	161.1	166.5	165.8	.1	.1	.1	6.6	7.9	7.9
Vallejo-Fairfield-Napa	143.7	146.4	146.6	4	4	4	8.8	9.5	9.5
Ventura	243.2	244.7	246.3	1.8	1.6	1.7	11.8	12.3	12.5
Colorado	1,883.3	1,900.8	1,915.4	14.7	13.5	13.4	107.1	116.7	115.2
Boulder-Longmont	151.4	154.8	156.0	(1)	(1)	(1)	6.0	6.8	6.7
Colorado Springs	206.8	211.5	212.7	(1)	(1)	(1)	11.4	13.0	12.7
Denver	1,003.0	1,012.7	1,016.4	7.4	6.9	6.8	54.7	59.7	59.8
Connecticut	1,583.6	1,599.6	1,604.5	8	8	8	53.1	56.2	55.0
Bridgeport	180.9	181.1	181.7	(2)	(2)	(2)	5.7	6.4	6.1
Danbury	84.3	82.9	83.4	(1)	(1)	(1)	3.0	3.1	3.1
Hartford	596.0	593.0	594.9	(1)	(1)	(1)	21.5	21.4	21.1
New Haven-Meriden	245.1	247.0	248.6	(1)	(1)	(1)	8.2	9.2	9.4
New London-Norwich	132.6	135.7	135.4	(1)	(1)	(1)	4.2	4.6	4.5
Stamford-Norwalk	193.5	196.6	197.9	(1)	(1)	(1)	5.2	5.3	5.1
Waterbury	84.5	86.5	86.7	(2)	(2)	(2)	2.8	3.2	3.1
Delaware	371.7	377.0	379.3	.1	1	.1	19.5	21.6	21.7
Dover	52.0	53.9	54.6	(2)	(2)	(2)	2.5	2.5	2.5
Wilmington-Newark	285.8	289.5	291.1	2	2	2	14.5	15.8	15.9
District of Columbia	640.4	628.6	629.3	.1	.1	.1	9.1	9.3	9.4
Washington PMSA	2,437.0	2,441.5	2,451.4	.9	.9	.9	116.6	118.0	117.5
Florida	6,113.8	6,219.4	6,283.0	6.9	7.2	7.3	308.5	314.1	314.8
Daytona Beach	146.3	149.2	150.4	(2)	(2)	(2)	7.2	7.0	7.0
Fort Lauderdale	595.5	613.0	619.6	2	2	2	33.4	33.9	33.8
Fort Myers-Cape Coral	148.9	150.6	153.1	(2)	(2)	(2)	10.8	11.3	11.3
Gainesville	110.4	111.2	112.0	(2)	(2)	(2)	3.9	3.8	3.8
Jacksonville	489.5	499.9	502.2	(2)	(2)	(2)	25.0	26.2	26.2
Lakeland-Winter Haven	164.3	164.1	167.0	3.6	3.9	3.9	7.9	7.7	7.7
Melbourne-Titusville-Palm Bay	168.5	170.0	170.6	(2)	(2)	(2)	8.4	8.8	8.8
Miami	947.8	956.9	963.9	.3	.3	.3	37.6	37.5	37.4
Orlando	720.0	737.4	743.4	(2)	(2)	(2)	37.2	37.6	37.8
Pensacola	146.0	150.4	151.6	(2)	(2)	(2)	9.3	9.6	9.8
Sarasota-Bradenton	212.8	217.9	221.0	(2)	(2)	(2)	10.7	10.9	11.0
Tallahassee	147.9	151.6	152.7	(2)	(2)	(2)	5.4	5.6	5.5
Tampa-St. Petersburg-Clearwater	1,014.9	1,034.7	1,044.5	.4	.5	.5	45.4	46.9	47.0
West Palm Beach-Boca Raton	404.6	408.3	416.2	(2)	(2)	(2)	23.9	24.6	24.5

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P
Alabama	389.6	379.1	379.9	89.3	89.2	89.3	424.1	425.5	431.4
Birmingham	53.6	50.8	50.7	29.8	29.3	29.3	111.6	111.5	112.8
Huntsville	38.4	38.0	38.0	3.5	3.5	3.4	33.7	33.6	34.4
Mobile	26.9	27.2	27.1	13.1	13.7	13.9	58.0	59.3	60.0
Montgomery	18.1	17.3	17.7	6.4	6.5	6.4	36.3	35.9	36.6
Tuscaloosa	10.5	10.5	10.5	2.4	2.3	2.3	17.7	17.4	17.9
Alaska	12.4	14.5	12.1	21.8	22.7	21.8	54.0	55.4	55.1
Anchorage	1.9	2.0	1.8	11.7	11.6	11.3	29.8	30.1	30.3
Arizona	194.4	200.9	200.6	86.9	89.4	89.8	461.3	471.8	482.6
Phoenix-Mesa	150.5	156.2	155.8	60.7	63.2	63.3	317.4	332.2	341.2
Tucson	27.5	28.2	28.2	13.6	13.3	13.5	70.1	69.8	70.6
Arkansas	259.0	255.3	255.3	55.3	66.9	66.8	247.0	252.8	254.3
Fayetteville-Springdale-Rogers	34.1	33.8	34.4	9.4	9.2	9.3	35.5	37.6	38.0
Fort Smith	28.0	28.0	27.9	6.2	6.1	6.2	19.3	19.1	19.3
Little Rock-North Little Rock	35.2	34.2	34.0	20.4	20.8	20.8	69.8	71.6	72.2
Pine Bluff	7.7	8.1	8.1	1.9	1.9	1.9	7.7	7.5	7.5
California	1,798.8	1,834.5	1,829.5	637.9	649.0	647.5	2,996.8	3,020.0	3,071.6
Bakersfield	9.1	9.4	9.2	9.4	9.6	9.5	42.7	42.8	43.7
Fresno	28.5	30.3	28.7	13.3	13.5	13.4	66.5	64.7	65.1
Los Angeles-Long Beach	635.0	638.3	639.7	206.7	207.1	207.0	867.8	877.6	889.0
Modesto	24.7	26.1	25.3	5.5	5.7	5.7	32.5	32.4	32.9
Oakland	106.4	110.0	109.6	60.3	60.4	60.5	209.1	211.7	214.5
Orange County	204.1	207.4	207.6	43.2	44.1	44.1	297.5	298.7	304.2
Riverside-San Bernardino	93.4	97.3	96.8	42.1	42.0	42.2	209.5	211.2	211.2
Sacramento	41.6	42.8	43.1	25.5	25.6	25.7	135.2	133.6	137.4
Salinas	9.0	9.6	9.6	4.9	5.0	5.0	30.0	30.0	30.6
San Diego	114.3	113.6	114.0	38.1	37.9	37.9	235.0	234.5	238.6
San Francisco	73.7	75.2	75.6	73.5	73.6	73.6	204.8	200.7	203.7
San Jose	233.2	243.5	243.9	24.2	24.5	24.3	173.2	175.9	179.7
Santa Barbara-Santa Maria-Lompoc	16.1	17.0	17.0	5.3	5.3	5.3	35.9	36.2	36.2
Santa Rosa	21.5	22.5	22.3	5.7	5.7	5.7	40.3	40.6	40.7
Stockton-Lodi	21.1	22.2	21.5	11.9	12.7	12.4	40.1	40.9	41.6
Vallejo-Fairfield-Napa	15.7	16.7	16.3	5.5	6.1	6.0	38.2	38.8	39.0
Ventura	30.5	30.4	30.7	10.7	10.2	10.3	58.6	58.7	59.6
Colorado	194.0	196.9	197.1	120.2	119.3	119.7	474.3	470.4	476.7
Boulder-Longmont	29.7	29.7	29.5	3.0	3.4	3.3	34.7	34.7	35.3
Colorado Springs	26.0	25.6	25.9	10.7	10.6	10.6	47.2	47.7	47.7
Denver	88.3	90.4	90.6	85.2	83.3	83.9	249.7	247.1	249.0
Connecticut	280.2	275.9	277.5	71.9	73.2	73.4	347.0	350.4	354.2
Bridgeport	40.9	40.4	40.4	7.4	7.4	7.4	40.7	39.8	40.6
Danbury	19.5	19.2	19.2	3.3	3.1	3.1	22.0	21.1	21.4
Hartford	90.6	90.9	91.9	25.1	25.4	25.6	125.3	122.7	123.4
New Haven-Meriden	40.4	39.8	39.9	16.4	16.6	16.5	51.2	51.5	52.3
New London-Norwich	27.4	24.5	24.5	6.0	6.2	6.2	28.2	28.8	28.7
Stamford-Norwalk	27.4	26.7	26.5	8.7	8.9	9.1	43.4	41.4	42.1
Waterbury	18.4	18.5	18.5	3.5	3.7	3.7	16.7	15.9	16.0
Delaware	61.4	57.8	57.6	16.1	16.4	16.4	84.7	86.0	87.1
Dover	6.2	6.4	6.4	1.7	1.8	1.8	13.8	14.3	14.5
Wilmington-Newark	44.6	41.5	41.3	13.6	14.2	14.0	60.7	60.2	61.5
District of Columbia	13.0	12.8	12.9	19.9	19.6	19.5	52.9	52.6	53.3
Washington PMSA	93.5	93.7	94.3	115.0	118.1	118.0	479.4	477.3	483.2
Florida	483.9	479.7	481.7	306.4	313.1	315.8	1,583.3	1,590.9	1,630.0
Daytona Beach	13.8	14.1	14.1	3.8	3.9	3.9	41.3	42.6	43.0
Fort Lauderdale	41.6	42.3	42.4	28.9	29.8	30.5	168.8	172.1	176.2
Fort Myers-Cape Coral	6.5	6.4	6.4	6.6	6.4	6.4	42.1	42.5	44.0
Gainesville	5.4	5.5	5.4	2.1	2.3	2.3	24.7	24.8	25.6
Jacksonville	35.3	35.9	35.9	34.3	35.1	35.2	120.1	121.4	122.7
Lakeland-Winter Haven	20.8	20.2	20.7	8.5	8.4	8.6	45.7	45.6	46.6
Melbourne-Titusville-Palm Bay	26.8	26.0	25.9	4.5	4.5	4.5	39.7	40.5	40.8
Miami	76.3	75.5	75.6	79.1	81.2	81.3	246.6	243.5	248.7
Orlando	50.8	50.9	51.0	37.7	38.1	38.4	179.3	180.8	184.0
Pensacola	11.0	11.4	11.4	6.7	6.7	6.8	34.6	35.0	35.5
Sarasota-Bradenton	20.0	20.5	20.5	5.3	5.3	5.4	53.4	53.7	55.7
Tallahassee	5.0	5.0	4.9	3.7	3.6	3.7	32.8	34.2	35.1
Tampa-St. Petersburg-Clearwater	86.6	85.2	85.1	43.7	43.9	44.3	251.0	255.5	261.1
West Palm Beach-Boca Raton	30.2	28.9	30.1	14.6	14.8	15.0	106.5	104.5	108.1

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	Finance, insurance, and real estate			Services			Government		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P
Alabama	77.1	79.5	79.5	403.6	414.6	414.6	346.5	345.6	347.4
Birmingham	30.8	31.8	31.9	127.1	130.0	130.6	69.5	69.1	69.6
Huntsville	4.5	4.5	4.5	42.7	42.6	42.6	38.9	38.1	38.2
Mobile	9.2	9.6	9.5	58.1	62.0	61.6	34.5	33.5	33.7
Montgomery	8.5	8.6	8.7	38.8	40.9	41.1	36.3	36.1	36.1
Tuscaloosa	2.1	2.2	2.2	12.8	13.4	13.5	22.0	21.9	21.9
Alaska	11.6	11.7	11.5	59.7	62.3	61.3	73.7	74.2	73.9
Anchorage	7.0	7.0	6.9	32.8	33.9	33.6	28.2	28.1	28.3
Arizona	107.3	110.6	111.6	531.5	555.1	560.2	315.3	322.3	330.7
Phoenix-Mesa	87.4	90.7	91.9	371.5	392.0	396.4	172.2	172.0	179.5
Tucson	11.7	12.3	12.3	93.1	93.8	94.9	68.7	71.7	71.0
Arkansas	41.8	42.7	42.8	239.8	249.6	247.3	182.6	183.5	184.3
Fayetteville-Springdale-Rogers	4.3	4.5	4.5	25.5	26.8	26.6	18.1	18.8	19.1
Fort Smith	3.0	3.0	3.0	23.1	23.0	22.9	9.8	10.2	10.2
Little Rock-North Little Rock	16.7	17.1	17.1	82.6	85.5	84.9	57.8	58.4	58.6
Pine Bluff	1.3	1.2	1.2	8.1	8.2	8.2	8.1	8.0	8.0
California	735.1	732.2	733.5	3,813.2	3,951.7	3,967.7	2,127.2	2,139.9	2,155.3
Bakersfield	6.1	5.9	5.9	40.3	41.5	41.2	48.3	48.8	49.3
Fresno	13.7	12.8	13.0	66.0	69.3	68.9	64.1	63.9	63.5
Los Angeles-Long Beach	224.1	223.4	223.7	1,233.1	1,276.5	1,284.0	532.8	534.5	536.9
Modesto	4.4	4.4	4.4	28.5	29.2	29.2	23.6	22.7	23.4
Oakland	52.5	52.7	52.8	261.2	267.7	268.3	171.9	169.2	169.8
Orange County	84.8	84.5	84.8	352.6	367.4	366.3	130.7	132.3	133.8
Riverside-San Bernardino	29.3	29.1	29.2	203.8	207.1	209.9	166.0	170.2	170.6
Sacramento	40.8	41.2	40.9	163.8	168.2	170.4	167.7	168.5	169.0
Salinas	6.2	6.3	6.3	30.5	31.2	31.2	25.8	27.3	27.4
San Diego	54.9	55.2	55.5	314.7	321.0	321.0	188.2	189.5	191.3
San Francisco	95.4	94.4	94.2	325.4	327.9	330.3	125.9	126.0	127.3
San Jose	28.6	27.8	27.7	269.5	278.7	280.1	87.7	87.0	87.2
Santa Barbara-Santa Maria-Lompoc	7.3	7.1	7.3	45.1	45.2	45.3	30.4	30.6	30.9
Santa Rosa	9.5	9.3	9.4	42.6	44.2	44.0	26.4	26.5	26.4
Stockton-Lodi	8.3	8.3	8.3	38.9	40.2	39.9	34.1	34.2	34.1
Vallejo-Fairfield-Napa	5.4	5.8	5.7	37.3	38.5	38.5	32.4	30.8	31.2
Ventura	12.1	12.2	12.3	73.7	74.6	74.7	44.0	44.7	44.5
Colorado	114.2	115.3	116.2	547.3	556.0	563.1	311.5	312.7	314.0
Boulder-Longmont	5.4	5.6	5.6	46.0	47.6	48.4	26.6	27.0	27.2
Colorado Springs	9.8	9.9	10.0	67.8	69.8	70.5	33.9	34.9	35.3
Denver	77.4	77.6	77.9	297.8	304.3	304.0	142.5	143.4	144.4
Connecticut	132.1	130.8	129.9	470.4	482.2	481.6	228.1	230.1	232.1
Bridgeport	9.8	9.8	9.7	56.3	56.8	56.9	20.1	20.5	20.6
Danbury	3.6	3.6	3.6	23.1	23.2	23.2	9.8	9.6	9.8
Hartford	72.6	70.1	69.5	160.7	162.2	162.0	100.2	100.3	101.4
New Haven-Meriden	13.7	14.2	14.2	84.2	84.4	84.6	31.0	31.3	31.7
New London-Norwich	3.4	3.6	3.6	32.3	33.0	32.8	31.1	35.0	35.1
Stamford-Norwalk	21.9	23.2	23.3	69.2	74.2	74.3	17.7	16.9	17.5
Waterbury	4.0	4.1	4.1	27.1	28.9	29.1	12.0	12.2	12.2
Delaware	42.0	42.9	43.0	97.4	101.6	101.9	50.5	50.6	51.3
Dover	1.7	1.5	1.5	11.4	12.5	12.6	14.7	14.9	15.3
Wilmington-Newark	37.2	38.4	38.5	79.6	83.2	83.4	35.4	36.0	36.3
District of Columbia	29.9	29.4	29.6	268.1	268.1	268.3	247.4	236.7	236.2
Washington PMSA	133.5	132.4	132.7	886.3	907.7	908.6	611.8	593.4	596.2
Florida	378.2	386.3	388.4	2,096.2	2,159.2	2,170.9	950.4	968.9	974.1
Daytona Beach	6.7	6.7	6.8	50.0	50.8	51.1	23.5	24.1	24.5
Fort Lauderdale	42.6	43.8	44.0	198.9	206.3	207.6	81.1	84.6	84.9
Fort Myers-Cape Coral	8.5	8.4	8.5	50.8	51.5	52.3	23.5	24.0	24.1
Gainesville	4.5	4.5	4.5	30.7	31.3	31.1	39.1	39.0	39.3
Jacksonville	48.0	47.7	48.2	160.6	167.2	166.9	65.8	66.0	66.7
Lakealand-Winter Haven	7.7	7.5	7.5	44.7	45.1	46.1	25.4	25.7	25.9
Melbourne-Titusville-Palm Bay	5.6	5.6	5.6	58.6	59.8	60.0	24.9	24.8	25.0
Miami	67.3	69.1	69.5	305.2	314.4	315.3	135.4	135.4	135.8
Orlando	42.3	42.3	42.1	290.6	304.7	305.7	81.7	82.6	84.0
Pensacola	5.4	5.5	5.6	50.4	53.6	53.8	28.4	28.4	28.5
Sarasota-Bradenton	10.6	10.7	10.6	87.0	90.4	91.1	25.7	26.3	26.6
Tallahassee	5.3	5.5	5.6	37.1	39.1	39.0	58.4	58.4	58.7
Tampa-St. Petersburg-Clearwater	67.9	70.7	71.4	386.2	394.3	396.8	133.7	137.7	138.3
West Palm Beach-Boca Raton	26.1	26.4	26.5	152.6	156.9	159.7	50.7	52.2	52.3

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P
Georgia	3,505.7	3,575.3	3,605.2	7.7	7.4	7.5	162.3	161.8	163.6
Albany	58.4	59.5	60.0	(2)	(2)	(2)	4.1	4.0	3.9
Athens	71.7	73.8	74.7	(1)	(1)	(1)	2.7	2.7	2.8
Atlanta	1,873.6	1,927.0	1,942.1	1.6	1.6	1.6	87.8	86.0	86.5
Augusta-Aiken	191.5	192.2	192.9	.6	.6	.6	10.4	10.5	10.7
Columbus	111.6	114.1	114.9	(1)	(1)	(1)	4.9	4.9	5.0
Macon	143.9	145.6	146.3	1.2	1.1	1.1	6.0	6.5	6.3
Savannah	129.3	134.1	134.9	(1)	(1)	(1)	6.6	8.1	8.1
Hawaii	534.7	522.8	526.3	(1)	(1)	(1)	26.5	23.6	21.2
Honolulu	410.8	399.5	402.3	(1)	(1)	(1)	20.5	17.5	15.5
Idaho	487.9	511.3	507.7	2.8	3.1	3.0	32.1	35.9	34.2
Boise City	183.3	192.3	191.3	(1)	(1)	(1)	13.5	14.3	13.6
Illinois	5,688.6	5,766.1	5,781.1	13.2	13.3	13.2	222.2	234.7	227.7
Bloomington-Normal	77.4	77.0	77.5	(1)	(1)	(1)	2.6	2.6	2.6
Champaign-Urbana	97.3	94.3	97.3	(1)	(1)	(1)	3.0	3.3	3.2
Chicago	3,970.0	4,022.0	4,036.3	1.8	1.8	1.8	148.3	156.9	153.7
Davenport-Moline-Rock Island	172.1	173.6	173.6	(1)	(1)	(1)	8.9	9.2	8.7
Decatur	55.4	56.8	57.0	(1)	(1)	(1)	4.1	3.9	3.9
Kankakee	42.8	43.0	43.0	(1)	(1)	(1)	2.8	3.0	2.9
Peoria-Pekin	162.0	166.6	166.7	(1)	(1)	(1)	7.3	7.6	7.5
Rockford	176.1	175.3	176.1	(1)	(1)	(1)	6.9	7.0	6.9
Springfield	112.2	111.9	112.4	(1)	(1)	(1)	4.6	5.0	4.7
Indiana	2,827.0	2,835.9	2,841.9	6.6	6.6	6.6	129.6	139.8	135.1
Bloomington	65.5	67.8	68.0	(1)	(1)	(1)	3.1	3.7	3.5
Elkhart-Goshen	117.2	120.3	120.2	(1)	(1)	(1)	4.6	4.7	4.7
Evansville-Henderson	151.3	149.4	149.8	1.2	1.3	1.3	8.9	9.5	8.9
Fort Wayne	263.8	266.6	267.2	(1)	(1)	(1)	12.8	13.9	13.5
Gary	258.1	264.5	264.6	(1)	(1)	(1)	16.8	18.5	17.6
Indianapolis	805.4	809.0	811.3	.8	.8	.8	43.1	44.7	44.6
Kokomo	55.9	56.4	56.6	(1)	(1)	(1)	1.6	1.7	1.7
Lafayette	85.6	89.8	90.0	(1)	(1)	(1)	3.7	3.9	3.9
Muncie	60.2	61.1	62.1	(1)	(1)	(1)	2.5	2.5	2.5
South Bend	134.8	132.4	132.8	(1)	(1)	(1)	6.8	7.2	7.1
Terre Haute	72.2	72.9	73.2	.2	.2	.2	3.3	3.1	3.1
Iowa	1,383.8	1,402.4	1,408.5	2.2	2.2	2.1	58.6	62.4	60.6
Cedar Rapids	109.5	110.9	111.1	(1)	(1)	(1)	5.9	6.2	6.1
Des Moines	267.4	266.2	269.2	(1)	(1)	(1)	11.9	12.5	12.4
Dubuque	50.5	50.1	50.2	(1)	(1)	(1)	1.9	2.0	2.0
Iowa City	66.4	65.7	66.8	(1)	(1)	(1)	2.0	2.0	1.9
Sioux City	64.4	64.0	64.0	(1)	(1)	(1)	3.5	3.4	3.5
Waterloo-Cedar Falls	70.2	70.2	70.5	(1)	(1)	(1)	2.8	3.1	3.0
Kansas	1,220.8	1,246.8	1,259.6	8.1	7.9	8.0	54.5	58.5	57.4
Lawrence	45.1	45.2	45.6	(1)	(1)	(1)	1.7	1.8	1.6
Topeka	99.4	99.0	100.2	(1)	(1)	(1)	4.2	4.4	4.3
Wichita	253.9	266.9	269.5	1.4	1.3	1.4	13.2	14.0	13.9
Kentucky	1,671.9	1,694.2	1,700.2	24.6	24.7	24.6	74.8	79.0	78.3
Lexington	262.6	268.7	269.3	2	.2	.2	11.7	12.7	12.4
Louisville	536.0	543.6	547.4	6	.6	.6	27.2	27.6	27.5
Owensboro	43.6	44.6	44.8	4	4	4	3.1	3.2	3.3
Louisiana	1,808.0	1,815.9	1,820.3	46.6	48.1	48.2	111.1	113.6	113.1
Alexandria	54.1	52.9	53.2	.1	.1	.1	3.6	3.4	3.4
Baton Rouge	275.4	279.5	279.7	.8	.9	.9	28.8	30.9	30.8
Houma	67.0	68.3	68.9	5.3	6.0	6.1	2.8	2.9	2.8
Lafayette	149.6	152.1	153.1	11.9	12.6	12.7	8.3	8.3	8.4
Lake Charles	82.0	82.5	82.8	1.6	1.5	1.5	9.0	9.2	9.5
Monroe	67.3	67.5	67.6	2	2	2	3.4	3.3	3.3
New Orleans	605.7	600.6	601.6	13.9	14.1	14.1	30.0	28.5	28.6
Shreveport-Bossier City	165.0	168.3	168.7	2.5	2.5	2.5	8.6	9.0	9.0
Maine	553.2	557.1	554.0	1	1	1	23.9	25.2	24.4
Lewiston-Auburn	42.9	41.7	42.2	(2)	(2)	(2)	1.7	1.7	1.6
Portland	136.4	137.5	139.0	(2)	(2)	(2)	5.7	6.8	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		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P
Georgia	587.5	593.3	593.6	218.6	226.3	226.8	901.0	922.3	939.9
Albany	8.2	8.7	8.8	3.1	3.0	3.1	14.1	14.2	14.5
Athens	11.5	12.2	12.1	1.9	1.9	1.9	17.1	17.7	17.9
Atlanta	213.2	218.9	219.2	151.7	157.8	157.6	509.8	524.7	534.4
Augusta-Aiken	42.1	42.1	42.1	5.7	5.9	5.9	42.9	41.8	42.1
Columbus	21.6	22.0	22.2	3.6	3.5	3.5	25.3	25.4	25.7
Macon	20.2	20.4	20.4	5.3	5.3	5.3	33.9	33.4	34.6
Savannah	17.1	17.1	17.0	9.5	9.4	9.5	33.8	34.8	35.1
Hawaii	17.0	16.3	16.2	40.8	40.4	40.6	136.6	133.5	135.4
Honolulu	12.9	12.6	12.5	33.4	32.9	33.2	102.8	100.1	101.5
Idaho	72.2	75.6	74.4	23.4	24.2	23.7	125.1	128.8	129.8
Boise City	32.4	34.8	34.5	8.7	8.7	8.6	44.1	45.6	45.9
Illinois	971.3	980.3	980.9	329.9	330.7	331.4	1,348.5	1,357.5	1,378.0
Bloomington-Normal	8.6	8.7	8.7	3.0	2.9	2.9	17.9	17.7	17.9
Champaign-Urbana	11.9	11.4	11.5	2.7	2.6	2.6	21.5	21.7	21.9
Chicago	661.2	659.9	660.8	245.8	239.9	240.8	938.8	952.6	968.3
Davenport-Moline-Rock Island	30.1	30.1	30.3	9.0	9.0	9.0	48.4	47.9	48.2
Decatur	11.5	13.1	13.0	5.1	5.2	5.2	12.7	12.6	12.8
Kankakee	7.5	7.5	7.5	2.0	2.0	2.0	11.1	10.9	11.1
Peoria-Pekin	26.3	31.7	31.4	9.6	9.3	9.3	41.2	40.5	41.2
Rockford	55.0	54.3	54.4	9.2	9.2	9.2	36.5	36.3	37.1
Springfield	4.4	4.3	4.3	6.2	5.9	5.9	24.2	23.8	24.4
Indiana	684.2	678.5	679.0	140.9	139.9	140.4	687.2	688.3	698.9
Bloomington	10.3	10.7	10.8	1.9	1.9	1.9	15.3	15.0	15.3
Elkhart-Goshen	57.0	57.7	57.6	3.4	3.3	3.3	22.9	23.3	23.5
Evansville-Henderson	31.4	30.3	30.4	7.2	7.2	7.2	38.6	36.1	37.3
Fort Wayne	73.6	74.1	74.3	13.3	12.7	12.7	63.4	61.8	62.3
Gary	52.4	51.1	51.3	15.8	15.3	15.3	63.5	64.0	64.0
Indianapolis	126.7	128.4	128.8	48.3	47.9	48.0	210.3	208.8	211.0
Kokomo	22.6	22.5	22.6	1.1	1.1	1.1	12.2	11.9	12.4
Lafayette	22.1	21.5	21.4	2.2	2.1	2.1	18.0	17.4	17.7
Muncie	11.1	10.9	10.9	5.5	4.6	4.6	14.3	13.3	13.4
South Bend	23.0	22.6	22.8	5.7	5.8	5.8	34.3	33.8	34.0
Terre Haute	12.4	11.8	11.8	3.9	4.5	4.5	22.0	21.5	21.9
Iowa	250.7	251.4	251.6	62.5	63.6	63.5	345.9	348.4	352.7
Cedar Rapids	21.3	21.3	21.2	7.2	7.2	7.2	25.4	24.8	25.2
Des Moines	25.7	25.0	25.1	12.9	13.1	13.1	72.2	70.8	72.5
Dubuque	12.0	11.8	11.6	2.1	2.0	2.0	12.4	12.4	12.5
Iowa City	5.2	5.4	5.4	2.0	1.9	1.9	13.1	13.0	13.0
Sioux City	12.9	12.7	12.7	3.8	3.9	3.9	16.2	16.1	16.1
Waterloo-Cedar Falls	14.7	14.7	14.6	2.0	2.1	2.1	17.0	16.6	16.8
Kansas	186.7	198.0	198.6	69.2	70.4	70.7	305.3	312.0	314.5
Lawrence	5.2	5.3	5.2	1.2	1.1	1.1	11.7	11.5	11.7
Topeka	10.0	9.6	9.8	6.2	6.2	6.3	22.4	22.2	22.6
Wichita	51.2	62.9	63.3	10.1	10.1	10.1	62.2	63.3	64.0
Kentucky	315.0	311.4	310.8	94.2	93.9	95.0	408.3	410.5	417.0
Lexington	44.1	44.0	43.9	10.4	10.5	10.6	60.0	59.9	60.6
Louisville	90.6	89.7	90.2	38.0	37.8	38.4	134.0	134.1	137.2
Owensboro	7.1	7.1	7.0	2.2	2.2	2.2	10.9	10.9	11.2
Louisiana	191.1	190.4	189.6	108.1	108.9	109.1	429.3	431.1	436.6
Alexandria	3.4	3.3	3.4	3.0	2.9	2.9	12.1	11.9	12.1
Baton Rouge	24.1	24.4	24.1	13.1	12.6	12.5	64.9	64.9	65.9
Houma	5.9	6.2	6.5	6.7	7.0	7.0	17.5	17.1	17.3
Lafayette	16.1	15.8	15.7	8.8	9.1	9.2	38.8	39.2	39.7
Lake Charles	11.1	11.5	11.5	4.6	4.3	4.4	18.2	17.6	17.5
Monroe	8.4	8.4	8.3	3.8	3.8	3.8	17.3	17.3	17.4
New Orleans	47.5	46.3	46.6	42.1	42.0	41.9	150.8	148.1	149.2
Shreveport-Bossier City	20.4	20.4	20.4	7.9	8.1	8.1	39.0	38.8	39.4
Maine	92.5	88.7	89.3	22.5	22.6	22.6	142.3	144.7	144.2
Lewiston-Auburn	8.5	7.7	7.6	1.8	2.0	2.0	11.3	10.8	11.3
Portland	13.8	13.0	13.4	6.1	6.3	6.4	43.1	43.7	44.8

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		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P
Georgia	175.9	177.4	178.1	864.2	893.1	898.8	588.5	593.7	596.9
Albany	2.2	2.2	2.2	14.2	14.6	14.7	12.5	12.8	12.8
Athens	2.1	2.0	2.0	13.2	14.0	14.2	23.2	23.3	23.8
Atlanta	118.3	119.4	119.5	534.8	557.6	560.4	256.4	261.0	262.9
Augusta-Aiken	6.7	6.6	6.6	44.0	44.6	44.6	39.1	40.1	40.3
Columbus	7.2	7.6	7.7	28.3	29.4	29.5	20.7	21.3	21.3
Macon	8.3	8.4	8.3	32.9	33.9	33.9	36.1	36.6	36.4
Savannah	4.3	4.4	4.5	36.9	38.7	38.8	21.1	21.6	21.9
Hawaii	37.2	36.0	35.9	165.5	165.6	166.4	111.1	107.4	110.6
Honolulu	30.5	29.7	29.6	121.1	120.4	120.9	89.6	86.3	89.1
Idaho	24.1	24.0	24.0	110.6	119.1	118.4	97.6	100.6	100.2
Boise City	11.4	12.0	11.9	44.3	46.9	46.8	28.9	30.0	29.6
Illinois	382.5	387.8	387.8	1,597.8	1,638.3	1,632.4	823.2	823.5	829.7
Bloomington-Normal	13.7	13.6	13.6	17.5	17.6	17.7	14.1	13.9	14.1
Champaign-Urbana	3.3	3.2	3.2	19.6	19.6	19.6	35.3	32.5	35.3
Chicago	301.5	305.5	306.0	1,181.0	1,213.1	1,210.4	491.6	492.3	494.5
Davenport-Moline-Rock Island	8.0	7.9	8.0	41.8	43.7	43.5	25.9	25.8	25.9
Decatur	2.9	2.9	2.9	13.2	13.2	13.2	5.9	5.9	6.0
Kankakee	1.7	1.7	1.7	10.8	11.1	11.0	6.9	6.8	6.8
Peoria-Pekin	7.8	7.9	7.9	51.0	51.0	51.0	18.8	18.6	18.6
Rockford	7.0	7.2	7.2	45.0	44.4	44.4	16.5	16.9	16.9
Springfield	7.7	7.9	7.9	31.2	31.4	31.5	33.9	33.6	33.7
Indiana	132.3	134.1	133.9	640.0	648.0	644.6	406.2	400.7	403.4
Bloomington	2.4	2.5	2.4	11.7	11.7	11.6	20.8	22.3	22.5
Elkhart-Goshen	2.6	2.7	2.7	18.4	20.5	20.3	8.3	8.1	8.1
Evansville-Henderson	7.3	7.3	7.4	41.9	42.7	42.1	14.8	15.0	15.2
Fort Wayne	13.9	14.5	14.5	60.4	61.4	61.3	26.4	28.2	28.2
Gary	9.2	9.7	9.7	62.9	68.3	67.9	37.5	37.6	38.6
Indianapolis	57.3	59.6	59.7	206.3	211.0	210.8	112.6	107.8	107.6
Kokomo	1.4	1.4	1.5	9.3	9.8	9.4	7.7	8.0	7.9
Lafayette	3.7	3.8	3.8	16.5	16.4	16.5	19.4	24.7	24.6
Muncie	1.8	1.7	1.7	14.6	14.6	14.6	10.4	13.5	14.4
South Bend	6.1	6.1	6.1	44.1	43.5	43.8	14.8	13.4	13.2
Terre Haute	2.3	2.3	2.3	16.9	17.0	16.8	11.2	12.5	12.6
Iowa	76.8	77.7	77.9	350.1	362.2	363.3	237.0	234.5	236.6
Cedar Rapids	5.6	5.6	5.6	32.0	33.3	33.5	12.1	12.5	12.3
Des Moines	36.3	36.6	36.8	74.7	74.4	74.9	33.7	33.8	34.4
Dubuque	1.6	1.6	1.6	16.8	16.6	16.8	3.7	3.7	3.7
Iowa City	1.7	1.8	1.8	13.7	13.5	13.6	28.7	28.1	29.2
Sioux City	2.6	2.7	2.7	18.3	18.0	18.1	7.1	7.2	7.2
Waterloo-Cedar Falls	3.0	3.0	3.0	17.4	17.3	17.5	13.3	13.4	13.5
Kansas	57.9	59.4	59.5	294.4	298.3	297.9	244.7	242.3	253.0
Lawrence	1.8	1.9	1.8	10.0	10.1	10.1	13.5	13.5	13.9
Topeka	6.4	6.7	6.7	26.1	26.3	26.4	24.1	23.6	24.1
Wichita	11.2	11.2	11.2	70.9	70.1	70.1	33.7	34.0	35.5
Kentucky	65.6	66.9	67.0	396.8	414.4	413.0	292.6	293.4	294.5
Lexington	9.5	9.7	9.6	67.6	71.4	71.2	59.1	60.3	60.8
Louisville	27.9	29.0	29.0	149.7	157.3	156.7	68.0	67.5	67.8
Owensboro	1.8	1.8	1.8	11.7	12.6	12.4	6.4	6.4	6.5
Louisiana	80.5	81.0	81.1	478.8	481.0	480.4	362.5	361.8	362.2
Alexandria	2.1	2.2	2.2	15.7	15.7	15.7	14.1	13.4	13.4
Baton Rouge	15.6	16.0	16.0	69.7	69.6	69.5	58.4	60.2	60.0
Houma	2.1	2.2	2.2	13.6	13.9	13.9	13.1	13.0	13.1
Lafayette	5.7	5.8	5.8	36.5	37.6	37.7	23.5	23.7	23.9
Lake Charles	2.6	2.7	2.7	21.9	22.6	22.5	13.0	13.1	13.2
Monroe	4.4	4.6	4.5	16.7	16.8	16.9	13.1	13.1	13.2
New Orleans	30.2	30.4	30.5	188.1	188.4	187.8	103.1	102.8	102.9
Shreveport-Bossier City	6.4	6.5	6.6	48.2	50.6	50.1	32.0	32.4	32.6
Maine	25.9	26.3	26.5	148.0	153.9	149.8	98.0	95.6	97.1
Lewiston-Auburn	1.9	1.9	1.8	12.8	12.9	13.0	4.9	4.7	4.9
Portland	11.6	12.1	12.1	37.9	37.0	36.8	18.2	18.6	18.8

See footnotes at end of table

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P
Maryland	2,204.8	2,208.4	2,215.1	1.2	1.1	1.1	129.7	131.8	130.9
Baltimore PMSA	1,140.1	1,140.6	1,144.5	.2	.2	.2	62.0	62.4	62.5
Baltimore City	407.9	406.1	405.2	(1)	(1)	(1)	12.0	12.1	12.2
Suburban Maryland-D.C.	811.5	810.3	814.4	(1)	(1)	(1)	54.7	55.6	55.1
Massachusetts	3,031.1	3,059.2	3,070.2	1.4	1.4	1.4	95.5	99.8	98.1
Barnstable-Yarmouth	52.7	56.5	53.8	(1)	(1)	(1)	2.3	2.4	2.4
Boston	1,843.0	1,851.0	1,860.5	5	.5	.5	54.0	55.0	54.1
Brockton	92.5	92.1	92.5	(2)	(2)	(2)	3.2	3.2	3.2
Fitchburg-Leominster	51.6	52.8	53.1	(2)	(2)	(2)	1.8	1.8	1.8
Lawrence	146.2	148.1	148.2	(2)	(2)	(2)	5.7	6.0	6.0
Lowell	108.0	108.7	109.1	(1)	(1)	(1)	4.7	4.9	4.9
New Bedford	64.6	64.8	65.0	(2)	(2)	(2)	2.4	2.7	2.6
Pittsfield	41.5	42.4	42.5	1	.1	.1	1.5	1.6	1.6
Springfield	247.4	251.1	252.1	.1	1	.1	7.1	7.8	7.6
Worcester	217.7	220.9	223.0	2	2	.2	6.7	8.0	8.0
Michigan	4,318.5	4,408.7	4,409.9	7.7	8.1	8.0	162.6	185.5	178.2
Ann Arbor	256.6	260.5	261.5	(1)	(1)	(1)	8.4	9.1	8.9
Benton Harbor	71.9	72.2	72.1	(1)	(1)	(1)	2.2	2.4	2.3
Detroit	2,041.9	2,100.3	2,099.1	.8	.7	.7	71.6	79.4	77.5
Flint	180.8	180.4	182.0	(1)	(1)	(1)	6.2	6.9	6.8
Grand Rapids-Muskegon-Holland	522.5	539.6	539.9	(1)	(1)	(1)	22.1	25.3	24.0
Jackson	59.7	60.2	60.3	(1)	(1)	(1)	2.2	2.3	2.3
Kalamazoo-Battle Creek	208.4	208.3	208.4	(1)	(1)	(1)	7.7	8.0	7.9
Lansing-East Lansing	230.3	230.8	231.6	(1)	(1)	(1)	7.1	7.4	7.1
Saginaw-Bay City-Midland	175.2	177.3	178.1	(1)	(1)	(1)	8.8	9.1	8.9
Minnesota	2,415.9	2,465.4	2,470.9	8.1	8.3	8.1	86.4	95.7	89.0
Duluth-Superior	107.8	109.7	110.8	5.1	5.0	5.0	4.2	4.6	4.4
Minneapolis-St. Paul	1,571.4	1,590.3	1,597.2	(2)	(2)	(2)	55.5	62.4	58.0
Rochester	69.0	71.7	71.2	(1)	(1)	(1)	2.3	2.7	2.2
St. Cloud	84.4	85.0	85.9	(1)	(1)	(1)	4.1	4.1	4.0
Mississippi	1,082.8	1,080.9	1,082.8	4.8	4.8	4.7	45.8	50.9	51.1
Jackson	212.9	211.0	212.6	(2)	(2)	(2)	9.5	10.8	10.9
Missouri	2,558.9	2,598.7	2,602.5	4.9	5.0	5.0	112.3	116.9	115.3
Kansas City	874.9	898.3	900.8	(1)	(1)	(1)	43.0	46.0	44.9
St. Louis	1,266.0	1,273.4	1,275.6	(1)	(1)	(1)	61.2	66.6	65.3
Springfield	154.0	156.5	156.7	(1)	(1)	(1)	6.9	6.7	6.6
Montana	355.4	365.3	364.4	5.4	5.2	5.3	17.0	18.9	17.6
Nebraska	826.4	840.4	846.8	1.2	1.3	1.2	35.8	37.5	36.4
Lincoln	139.5	141.5	142.9	(1)	(1)	(1)	6.0	6.0	5.9
Omaha	377.2	381.0	381.9	(1)	(1)	(1)	16.8	17.5	17.1
Nevada	821.3	865.9	877.0	13.3	14.5	14.5	68.1	77.8	77.6
Las Vegas	572.2	607.5	617.0	1.9	2.0	2.0	52.7	61.5	61.7
Reno	171.3	177.0	177.6	.6	.6	.6	11.2	11.4	11.1
New Hampshire	549.4	558.3	555.7	.5	.6	.6	21.2	21.3	21.2
Manchester	94.4	93.1	94.2	(1)	(1)	(1)	4.1	4.5	4.5
Nashua	86.2	88.2	87.6	(1)	(1)	(1)	2.9	3.2	3.2
Portsmouth-Rochester	112.1	110.5	110.7	(1)	(1)	(1)	3.4	3.1	3.1
New Jersey	3,652.5	3,674.2	3,687.1	2.1	2.1	2.1	129.7	130.0	129.3
Atlantic-Cape May	168.6	176.5	172.3	(1)	(1)	(1)	6.2	6.7	6.7
Bergen-Passaic	631.7	629.6	630.1	(1)	(1)	(1)	22.9	22.6	22.1
Camden	457.7	461.6	465.8	(1)	(1)	(1)	20.1	21.0	21.6
Jersey City	242.1	243.4	244.6	(1)	(1)	(1)	3.8	3.9	3.9
Middlesex-Somerset-Hunterdon	581.5	584.5	589.2	.5	.5	.5	19.5	19.9	19.5
Monmouth-Ocean	349.8	357.6	358.2	(1)	(1)	(1)	17.5	18.3	17.9
Newark	942.7	941.4	944.6	.8	.8	.9	32.7	30.2	30.1
Trenton	197.8	197.5	197.7	(1)	(1)	(1)	4.7	4.4	4.4
Vineland-Millville-Bridgeton	58.4	58.5	58.4	.3	.2	.2	1.8	2.0	2.0
New Mexico	703.9	721.8	722.2	15.8	16.8	16.8	48.1	49.0	48.1
Albuquerque	328.6	336.7	337.6	(1)	(1)	(1)	23.2	23.6	23.5
Las Cruces	50.9	52.2	52.2	(1)	(1)	(1)	3.3	3.5	3.4
Santa Fe	70.8	71.2	71.2	(1)	(1)	(1)	3.7	3.6	3.6

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P
Maryland	175.5	173.8	173.7	106.0	105.8	106.1	540.2	536.5	543.5
Baltimore PMSA	102.4	101.2	100.4	56.3	56.3	56.6	270.6	267.1	271.3
Baltimore City	32.1	31.6	31.7	19.7	19.5	19.3	67.8	66.8	66.8
Suburban Maryland-D.C.	36.0	36.2	36.4	34.9	34.5	34.4	199.3	198.1	201.6
Massachusetts	448.4	443.4	443.2	131.3	130.6	130.7	703.9	704.4	712.7
Barnstable-Yarmouth	2.3	2.1	2.1	2.7	2.6	2.6	18.5	19.8	18.9
Boston	223.3	218.9	219.0	81.7	80.9	81.2	409.0	404.8	410.5
Brockton	10.6	10.6	10.5	4.9	4.9	4.9	31.6	30.6	30.8
Fitchburg-Leominster	13.7	13.4	13.5	1.9	1.9	1.9	12.7	12.8	13.0
Lawrence	35.7	35.1	34.3	4.6	4.6	4.7	35.5	36.1	36.6
Lowell	27.7	28.2	28.2	5.7	5.7	5.8	23.2	22.9	23.3
New Bedford	14.9	14.1	14.2	2.5	2.4	2.4	16.4	16.5	16.5
Pittsfield	7.6	7.7	7.7	1.2	1.2	1.2	10.7	10.9	11.3
Springfield	40.0	40.4	40.4	10.0	10.1	10.1	57.9	59.3	59.7
Worcester	40.6	40.9	41.4	9.6	9.5	9.5	49.2	48.7	49.3
Michigan	961.7	965.2	962.2	167.6	170.4	169.5	1,030.3	1,045.1	1,058.0
Ann Arbor	51.9	53.3	53.1	5.3	5.4	5.5	51.0	51.7	52.0
Benton Harbor	21.5	21.1	21.0	3.0	2.9	2.9	15.8	16.1	16.2
Detroit	440.6	451.1	444.3	91.8	92.1	92.2	493.0	502.1	510.5
Flint	44.9	43.8	44.0	5.4	5.4	5.4	45.3	45.0	45.4
Grand Rapids-Muskegon-Holland	151.8	153.7	154.7	18.7	19.2	19.3	128.9	133.3	134.3
Jackson	13.2	13.0	13.0	3.6	3.6	3.6	15.0	15.1	15.4
Kalamazoo-Battle Creek	50.0	49.1	49.0	6.7	6.7	6.7	45.8	45.8	46.3
Lansing-East Lansing	30.7	30.0	30.1	6.1	6.0	6.0	51.3	50.7	51.3
Saginaw-Bay City-Midland	39.5	40.1	40.3	7.4	7.2	7.1	46.6	46.6	47.7
Minnesota	427.4	430.4	430.1	118.8	122.4	122.1	589.0	598.3	602.7
Duluth-Superior	8.2	7.8	7.7	6.0	6.4	6.7	28.5	29.2	29.3
Minneapolis-St. Paul	274.5	272.8	274.2	85.5	87.8	87.4	376.4	378.1	384.3
Rochester	9.9	10.6	10.4	2.0	2.1	2.0	14.8	14.7	15.1
St. Cloud	15.4	15.3	15.3	2.8	2.8	2.8	25.8	26.0	26.4
Mississippi	252.7	241.1	239.9	50.3	49.0	49.0	231.9	227.7	231.1
Jackson	21.3	20.5	20.6	14.3	13.9	13.9	51.4	49.4	50.5
Missouri	421.5	414.5	414.3	162.6	167.2	167.6	614.5	618.3	623.8
Kansas City	105.5	108.8	109.0	68.4	71.5	71.4	217.0	217.6	220.2
St. Louis	201.9	196.9	196.1	81.1	81.5	81.7	302.9	301.3	303.9
Springfield	23.3	24.2	24.3	9.3	9.7	9.8	44.9	44.7	45.1
Montana	23.4	24.1	24.0	21.1	21.2	21.3	97.8	99.2	99.5
Nebraska	112.0	113.7	114.6	49.6	50.3	50.3	209.8	209.9	213.9
Lincoln	16.9	16.9	17.1	7.6	7.5	7.5	30.4	30.0	30.2
Omaha	37.8	37.2	37.5	26.0	26.1	26.1	94.3	95.5	96.2
Nevada	38.0	39.6	39.7	41.9	43.1	43.6	164.9	175.6	178.9
Las Vegas	20.8	22.0	22.1	29.0	29.8	30.2	115.9	124.0	126.5
Reno	12.5	13.2	13.2	11.4	11.6	11.8	38.4	40.9	41.5
New Hampshire	102.2	101.3	101.2	20.1	20.9	20.7	144.6	145.9	147.1
Manchester	12.4	12.9	12.9	5.8	6.5	6.4	23.6	23.8	24.4
Nashua	26.8	27.1	26.9	2.3	2.3	2.3	21.6	21.8	22.0
Portsmouth-Rochester	19.3	18.0	18.1	4.1	4.3	4.3	28.6	28.8	28.4
New Jersey	498.5	490.3	488.7	253.7	251.8	251.4	870.7	870.9	882.6
Atlantic-Cape May	6.5	6.1	5.7	7.2	7.2	7.0	33.4	35.9	34.6
Bergen-Passaic	109.9	107.3	105.8	29.8	29.8	29.8	179.4	177.1	179.4
Camden	56.8	55.9	55.6	22.4	22.6	22.7	125.9	126.3	128.9
Jersey City	30.6	30.1	30.0	29.8	30.0	30.3	59.3	59.6	59.7
Middlesex-Somerset-Hunterdon	92.4	90.4	91.8	47.7	47.1	47.2	139.6	137.3	139.5
Monmouth-Ocean	22.3	21.5	21.6	20.3	20.6	20.4	95.7	97.6	98.5
Newark	140.2	140.1	139.2	82.7	80.8	81.5	189.9	188.7	191.2
Trenton	21.8	20.8	20.8	7.4	7.7	7.7	32.5	32.4	32.9
Vineyard-Millville-Bridgeton	13.6	13.7	13.4	2.8	2.8	2.9	11.5	11.2	11.4
New Mexico	46.3	47.8	46.8	31.7	31.4	31.7	168.3	173.7	175.2
Albuquerque	30.1	30.5	30.4	14.2	14.0	14.3	79.6	82.3	83.4
Las Cruces	2.7	2.8	2.7	1.8	1.8	1.8	11.0	11.4	11.5
Santa Fe	2.0	2.0	2.0	1.2	1.2	1.2	15.9	16.1	16.2

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		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P
Maryland	127.2	127.7	127.7	693.4	706.0	704.0	431.6	425.7	428.1
Baltimore PMSA	70.4	69.3	69.3	365.8	374.5	373.8	212.4	209.6	210.4
Baltimore City	34.5	33.9	33.9	150.3	153.8	153.4	91.5	88.4	87.9
Suburban Maryland-D.C.	48.2	47.2	47.5	262.3	265.7	266.0	176.1	173.0	173.4
Massachusetts	202.5	204.5	204.7	1,045.6	1,073.5	1,074.4	402.5	401.6	405.0
Barnstable-Yarmouth	2.9	3.2	3.1	16.7	18.7	17.0	7.3	7.7	7.7
Boston	147.5	149.1	149.2	708.4	722.9	725.9	218.6	218.9	220.1
Brockton	2.8	2.9	2.8	23.4	24.0	24.1	16.0	15.9	15.9
Fitchburg-Leominster	1.4	1.3	1.3	13.0	14.1	14.0	7.1	7.5	7.6
Lawrence	4.8	4.9	4.8	42.2	44.0	44.0	17.7	17.4	17.6
Lowell	3.9	3.9	3.9	28.2	28.5	28.4	14.6	14.6	14.6
New Bedford	1.9	1.9	1.9	16.6	17.4	17.5	9.9	9.8	9.9
Pittsfield	2.0	1.9	1.9	13.5	14.2	13.8	4.9	4.8	4.9
Springfield	13.1	13.1	13.2	74.6	75.6	75.8	44.6	44.7	45.2
Worcester	15.2	15.8	15.9	64.0	66.1	66.4	32.2	31.7	32.3
Michigan	195.8	197.7	197.4	1,132.4	1,174.0	1,166.9	660.4	662.6	669.6
Ann Arbor	9.6	9.5	9.5	59.3	59.7	59.8	71.1	71.7	72.8
Benton Harbor	2.6	2.6	2.5	17.8	17.9	18.0	9.0	9.2	9.2
Detroit	108.4	112.3	112.5	604.4	630.0	626.7	231.3	232.5	234.8
Flint	6.2	6.2	6.2	47.7	48.1	49.1	25.1	25.0	25.1
Grand Rapids-Muskegon-Holland	21.1	21.7	21.7	126.2	131.4	130.6	53.6	55.0	55.2
Jackson	1.8	1.8	1.8	13.7	13.9	13.8	10.2	10.4	10.5
Kalamazoo-Battle Creek	10.8	10.8	10.8	51.8	52.6	52.3	35.5	35.3	35.6
Lansing-East Lansing	12.6	12.8	12.8	53.6	54.6	54.5	68.9	69.3	69.7
Saginaw-Bay City-Midland	6.3	6.3	6.3	43.7	45.0	44.6	23.0	22.9	23.0
Minnesota	139.4	142.2	142.3	653.9	675.8	674.6	392.9	392.3	402.0
Duluth-Superior	3.3	3.4	3.3	29.6	30.2	30.1	22.9	23.1	24.3
Minneapolis-St. Paul	110.9	111.6	111.8	443.7	456.7	455.7	224.3	220.2	225.2
Rochester	2.1	2.2	2.2	30.6	31.7	31.7	7.3	7.7	7.6
St. Cloud	2.5	2.6	2.6	20.5	21.1	21.3	13.3	13.1	13.5
Mississippi	39.5	39.4	39.4	234.7	241.3	241.4	223.1	226.7	226.2
Jackson	14.9	15.0	15.1	55.8	54.4	54.5	45.0	46.3	46.4
Missouri	147.3	150.6	151.0	691.1	718.4	713.0	404.7	407.8	412.5
Kansas City	62.6	62.9	63.0	246.7	258.8	257.5	131.7	132.7	134.8
St. Louis	77.4	77.3	78.0	385.7	396.1	395.1	155.8	153.7	155.5
Springfield	6.6	6.8	6.8	44.0	45.5	44.8	19.0	18.9	19.3
Montana	15.7	16.1	16.0	96.4	102.4	100.9	78.6	78.2	79.8
Nebraska	52.5	52.6	52.7	212.4	222.3	222.8	153.1	152.8	154.9
Lincoln	8.9	9.4	9.4	34.8	35.5	35.5	34.9	36.2	37.3
Omaha	32.5	31.7	31.7	118.7	122.4	122.5	51.1	50.6	50.8
Nevada	37.1	38.7	38.8	356.6	371.0	373.7	101.4	105.6	110.2
Las Vegas	27.7	28.8	28.9	261.6	274.0	277.6	62.6	65.4	68.0
Reno	7.8	8.1	8.1	67.4	68.1	67.3	22.0	23.1	24.0
New Hampshire	29.0	29.1	28.9	154.0	160.0	155.7	77.8	79.2	80.3
Manchester	7.6	6.6	6.7	30.3	28.4	28.6	10.6	10.4	10.7
Nashua	3.1	3.5	3.6	21.7	22.6	21.7	7.8	7.7	7.9
Portsmouth-Rochester	6.1	6.1	6.1	28.4	27.7	28.0	22.2	22.5	22.7
New Jersey	227.3	229.1	229.4	1,093.9	1,130.2	1,127.8	576.6	569.8	575.8
Atlantic-Cape May	5.9	6.0	6.0	80.9	85.6	83.7	28.5	29.0	28.6
Bergen-Passaic	34.6	34.6	34.7	182.3	186.6	186.1	72.8	71.6	72.2
Camden	21.6	22.4	22.6	132.4	136.2	135.9	78.5	77.2	78.5
Jersey City	22.9	23.2	23.5	55.5	56.5	57.0	40.2	40.1	40.2
Middlesex-Somerset-Hunterdon	42.8	43.4	43.7	160.2	166.8	167.4	78.8	79.1	79.6
Monmouth-Ocean	17.5	17.9	18.0	113.4	119.7	118.7	63.1	62.0	63.1
Newark	67.4	67.5	67.2	284.1	291.6	291.0	144.9	141.7	143.5
Trenton	10.5	10.7	10.7	68.8	70.0	69.2	52.1	51.5	52.0
Vineland-Millville-Bridgeton	3.4	3.4	3.4	12.0	12.3	12.2	13.0	12.9	12.9
New Mexico	29.9	30.9	30.8	195.9	202.5	202.7	168.1	169.7	170.1
Albuquerque	15.7	16.1	16.1	104.0	107.1	107.0	61.8	63.1	62.9
Las Cruces	1.9	2.0	1.9	10.7	11.2	11.2	19.5	19.5	19.7
Santa Fe	3.1	3.2	3.2	20.7	21.1	21.0	24.2	24.0	24.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996F
New York	7,981.2	8,011.2	8,039.5	4.9	4.7	4.6	258.0	275.2	266.4
Albany-Schenectady-Troy	436.2	432.6	433.2	5	6	.5	15.5	16.5	15.7
Binghamton	112.9	113.1	113.8	(1)	(1)	(1)	4.4	4.7	4.4
Buffalo-Niagara Falls	548.6	543.8	543.4	(1)	(1)	(1)	20.6	22.1	20.7
Dutchess County	106.9	107.2	107.8	(1)	(1)	(1)	4.5	4.0	4.2
Elmira	42.0	42.4	43.2	(1)	(1)	(1)	1.4	1.7	1.7
Glens Falls	49.2	50.6	49.3	(1)	(1)	(1)	2.1	2.5	2.3
Nassau-Suffolk	1,112.2	1,119.5	1,123.5	(1)	(1)	(1)	45.5	46.7	46.3
New York PMSA	3,864.1	3,873.4	3,895.8	(1)	(1)	(1)	113.7	119.6	117.5
New York City	3,361.2	3,371.1	3,390.7	.3	.3	.3	90.4	94.9	92.9
Newburgh	119.0	117.7	117.8	(1)	(1)	(1)	4.3	4.2	4.1
Rochester	531.8	533.6	534.3	6	5	5	17.4	18.5	17.8
Rockland County	100.8	101.8	102.4	(1)	(1)	(1)	3.3	4.0	4.0
Syracuse	336.4	338.1	337.8	(1)	(1)	(1)	13.3	14.1	13.4
Utica-Rome	130.5	130.4	129.8	(1)	(1)	(1)	3.7	4.0	3.7
Westchester County	382.5	380.6	382.8	(1)	(1)	(1)	18.0	18.4	18.4
North Carolina	3,517.7	3,570.7	3,580.4	3.7	3.8	3.8	177.3	187.2	187.1
Asheville	102.1	103.5	104.6	(1)	(1)	(1)	5.5	5.6	5.6
Charlotte-Gastonia-Rock Hill	722.7	729.5	730.7	(1)	(1)	(1)	39.2	40.0	40.1
Greensboro--Winston-Salem--High Point	610.1	614.9	617.0	(1)	(1)	(1)	27.3	27.8	27.7
Raleigh-Durham-Chapel Hill	568.9	575.2	577.1	(1)	(1)	(1)	28.7	29.1	29.2
North Dakota	308.5	316.4	315.4	4.1	4.2	4.1	13.8	16.8	15.3
Bismarck	47.0	47.9	48.1	(1)	(1)	(1)	2.5	2.7	2.6
Fargo-Moorhead	92.0	95.2	94.8	(1)	(1)	(1)	5.0	6.2	5.7
Grand Forks	49.7	50.9	50.2	(1)	(1)	(1)	2.2	2.5	2.2
Ohio	5,334.0	5,366.2	5,375.4	14.2	13.9	14.0	216.9	228.5	223.2
Akron	316.7	317.9	316.7	.3	.4	.4	12.5	13.5	13.0
Canton-Massillon	176.8	177.8	177.6	.6	.8	.6	8.3	9.0	8.7
Cincinnati	816.3	823.5	823.9	.7	.8	.8	37.4	38.3	38.2
Cleveland-Lorain-Elyria	1,121.3	1,125.5	1,126.6	1.0	1.1	1.1	43.8	47.0	45.6
Columbus	800.9	804.6	807.3	.7	.7	.6	32.6	34.1	33.4
Dayton-Springfield	477.1	470.3	473.0	.4	.4	.4	17.3	18.2	18.3
Hamilton-Middletown	113.4	114.6	114.9	(1)	(1)	(1)	6.0	6.3	6.2
Lima	77.4	77.5	78.2	(1)	(1)	(1)	3.5	3.7	3.7
Mansfield	79.5	79.8	80.4	(1)	(1)	(1)	2.6	2.9	2.7
Steubenville-Weirton	51.3	48.3	47.8	.4	.5	.5	1.8	1.5	1.4
Toledo	315.2	314.5	313.9	.2	.2	.2	13.2	14.2	14.0
Youngstown-Warren	247.3	246.8	246.0	.6	.6	.6	9.9	10.8	10.2
Oklahoma	1,336.5	1,369.7	1,374.4	31.9	30.9	30.7	48.9	50.8	50.6
Enid	23.8	24.5	24.2	1.1	1.2	1.1	.8	.9	.9
Lawton	37.4	38.9	38.9	.1	.1	.1	1.2	1.3	1.3
Oklahoma City	482.4	495.0	498.0	6.8	6.6	6.7	17.9	18.7	18.5
Tulsa	357.2	364.3	366.6	7.8	7.4	7.3	14.0	14.0	13.9
Oregon	1,457.2	1,514.9	1,521.6	1.8	2.1	2.0	72.0	82.3	79.7
Eugene-Springfield	132.7	134.9	135.9	.2	.2	.2	6.1	6.7	6.4
Medford-Ashland	66.3	67.3	67.6	.1	.1	.1	2.9	3.0	3.0
Portland-Vancouver	862.9	894.5	905.1	1.1	1.3	1.3	47.3	56.6	54.5
Salem	126.3	133.1	131.1	.2	.2	.2	6.4	6.8	6.6
Pennsylvania	5,316.0	5,337.6	5,351.1	19.3	19.3	19.2	207.3	215.3	209.2
Allentown Bethlehem-Easton	263.2	263.3	264.4	(1)	(1)	(1)	10.6	11.2	11.0
Altoona	57.2	58.3	58.2	(1)	(1)	(1)	2.7	2.9	2.9
Erie	131.8	132.2	131.6	(1)	(1)	(1)	4.5	5.0	4.5
Harrisburg-Lebanon-Carlisle	341.9	347.9	349.7	(1)	(1)	(1)	12.9	14.4	14.2
Johnstown	86.8	87.5	87.3	(1)	(1)	(1)	4.7	4.8	4.5
Lancaster	206.0	210.3	210.7	.4	.4	.4	11.7	12.2	12.1
Philadelphia PMSA	2,201.5	2,207.3	2,215.3	(1)	(1)	(1)	81.3	82.0	80.2
Philadelphia City	682.0	680.2	681.4	(1)	(1)	(1)	11.0	11.0	10.8
Pittsburgh	1,067.5	1,069.9	1,071.8	3.6	3.7	3.7	50.4	52.6	50.5
Reading	161.1	163.8	163.8	(1)	(1)	(1)	6.6	6.9	6.5
Scranton--Wilkes-Barre--Hazleton	274.9	279.0	279.5	.6	.6	.6	10.9	12.4	11.8
Sharon	46.7	46.7	46.2	(1)	(1)	(1)	1.4	1.5	1.5
State College	65.4	67.3	67.2	(1)	(1)	(1)	2.1	2.4	2.2
Williamsport	53.3	54.0	54.5	(1)	(1)	(1)	2.2	2.4	2.4
York	160.4	161.7	162.4	.4	.5	.5	7.3	7.7	7.5

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P
New York	949.3	933.1	930.8	409.7	411.0	409.3	1,657.9	1,652.6	1,678.7
Albany-Schenectady-Troy	40.4	39.7	39.8	16.5	16.8	16.8	94.0	93.3	94.8
Binghamton	25.6	25.2	25.1	4.5	4.4	4.5	24.0	23.8	24.5
Buffalo-Niagara Falls	91.6	89.2	89.5	26.2	26.1	25.8	134.9	131.9	133.9
Dutchess County	17.8	17.9	17.9	4.1	4.3	4.3	21.5	21.0	21.3
Elmira	9.3	9.0	9.1	1.4	1.4	1.4	10.7	11.2	11.8
Glens Falls	9.0	8.7	8.7	1.3	1.4	1.3	11.1	11.4	11.1
Nassau-Suffolk	114.5	111.1	111.1	51.1	50.6	50.4	293.3	294.9	298.8
New York PMSA	328.4	322.3	320.7	233.3	232.2	232.5	588.3	686.7	696.0
New York City	273.5	270.4	268.5	207.0	206.0	206.1	573.3	571.3	579.0
Newburgh	12.5	12.3	12.2	6.7	6.7	6.5	32.8	31.7	32.2
Rochester	127.7	127.8	127.6	17.2	17.6	17.5	112.9	112.5	113.9
Rockland County	12.5	12.2	12.3	5.9	6.2	6.2	23.4	23.6	24.1
Syracuse	49.5	50.0	49.9	18.7	18.5	18.4	79.4	79.3	80.3
Utica-Rome	21.6	20.0	19.9	4.3	4.5	4.5	27.9	27.2	27.0
Westchester County	40.7	37.9	38.2	19.6	19.3	19.4	87.3	87.6	88.7
North Carolina	856.0	843.1	842.4	164.8	165.8	166.7	823.1	818.8	826.5
Asheville	20.1	20.0	20.2	4.6	4.7	4.7	25.0	24.8	25.5
Charlotte-Gastonia-Rock Hill	150.2	146.4	146.2	54.2	53.3	53.5	178.1	176.9	177.8
Greensboro--Winston-Salem--High Point	166.3	164.3	164.6	31.9	32.2	32.4	139.3	140.6	141.5
Raleigh-Durham-Chapel Hill	86.1	87.1	87.2	23.3	23.1	23.1	120.5	118.9	119.2
North Dakota	21.5	22.6	22.0	19.1	18.7	18.7	81.2	81.6	82.9
Bismarck	2.4	2.5	2.5	3.2	3.3	3.2	12.1	12.1	12.2
Fargo-Moorhead	7.4	8.0	7.8	5.5	5.6	5.6	26.9	27.0	27.4
Grand Forks	4.2	4.8	4.0	2.5	2.7	2.7	13.6	13.7	13.9
Ohio	1,104.8	1,089.5	1,084.2	232.7	232.9	233.7	1,309.1	1,316.3	1,335.0
Akron	65.7	63.2	63.1	14.4	14.1	14.0	78.3	79.6	79.8
Canton-Massillon	46.8	46.1	45.8	5.5	5.6	5.6	44.0	44.1	44.2
Cincinnati	142.0	141.3	141.9	43.6	44.2	44.4	215.4	214.6	216.5
Cleveland-Lorain-Elyria	228.9	225.0	223.7	45.0	44.8	44.8	267.0	268.9	272.0
Columbus	93.4	91.8	91.5	35.3	35.1	35.4	217.3	213.6	217.5
Dayton-Springfield	102.1	99.6	99.0	18.6	18.0	18.1	112.0	110.9	112.9
Hamilton-Middletown	21.4	21.4	21.5	4.5	4.4	4.4	31.0	31.0	31.6
Lima	20.5	20.0	19.9	2.9	2.8	2.9	18.4	18.3	18.8
Mansfield	21.8	22.6	22.9	4.1	4.1	4.1	18.2	17.9	18.4
Steubenville-Weirton	14.3	11.4	11.3	3.0	2.8	2.8	10.9	10.8	10.7
Toledo	60.6	60.7	58.8	15.0	14.8	14.7	79.2	77.2	77.7
Youngstown-Warren	59.6	59.3	59.2	9.8	9.6	9.5	64.0	64.1	64.3
Oklahoma	170.5	173.5	173.4	73.9	77.0	77.0	318.3	323.9	327.5
Enid	1.9	2.0	2.0	2.1	2.2	2.0	6.3	6.4	6.4
Lawton	3.9	3.9	3.9	1.9	2.0	2.0	9.0	9.2	9.2
Oklahoma City	51.9	52.4	52.8	21.5	23.6	23.6	116.9	117.8	119.0
Tulsa	53.7	55.1	55.3	27.6	27.7	28.1	85.2	85.7	87.4
Oregon	227.7	236.7	233.0	72.5	74.7	74.5	371.2	380.6	387.0
Eugene-Springfield	19.6	20.2	20.4	4.8	4.9	4.9	35.0	34.9	35.8
Medford-Ashland	9.2	9.2	9.0	3.2	3.2	3.2	21.2	20.5	21.4
Portland-Vancouver	137.1	139.4	139.1	48.8	49.2	49.7	218.8	225.7	231.1
Salem	16.6	20.0	17.8	3.5	3.6	3.6	28.5	28.9	29.5
Pennsylvania	936.6	927.3	928.7	276.6	274.2	275.2	1,223.8	1,230.2	1,246.6
Allentown-Bethlehem-Easton	59.3	57.6	57.9	14.4	14.6	14.8	54.8	54.7	55.3
Altoona	10.4	10.6	10.6	4.2	4.1	4.2	15.2	15.4	15.5
Erie	35.3	34.1	34.2	4.7	4.6	4.5	29.4	29.9	30.2
Harrisburg-Lebanon-Carlisle	46.5	46.4	46.3	23.8	24.0	24.4	76.9	77.1	78.5
Johnstown	12.7	12.4	12.5	4.7	4.8	4.7	20.8	21.1	21.3
Lancaster	56.0	55.4	55.9	7.4	7.2	7.2	51.6	53.7	54.2
Philadelphia PMSA	308.7	301.9	302.2	103.2	104.2	104.3	496.6	497.8	504.1
Philadelphia City	61.4	59.8	60.0	32.9	33.2	33.2	117.5	114.3	116.1
Pittsburgh	132.1	132.8	133.1	67.6	66.7	67.0	267.7	266.7	270.5
Reading	43.9	44.2	44.2	7.3	7.2	7.2	38.7	38.3	38.6
Scranton--Wilkes-Barre--Hazleton	56.9	57.4	57.5	15.3	15.4	15.2	66.6	66.2	66.9
Sharon	11.0	10.9	10.6	2.0	1.9	1.9	12.2	12.1	12.2
State College	8.3	8.7	8.9	2.0	2.0	2.0	12.8	12.8	12.7
Williamsport	12.9	12.6	12.8	1.9	1.9	1.9	12.8	13.0	13.3
York	47.0	48.3	48.4	7.7	6.7	6.8	40.5	40.6	40.9

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	Finance, insurance, and real estate			Services			Government		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P
New York	719.6	722.4	722.1	2,580.6	2,640.4	2,644.0	1,401.3	1,371.7	1,383.7
Albany-Schenectady-Troy	25.8	26.0	25.8	133.0	132.8	132.4	110.6	106.9	107.3
Binghamton	3.9	3.9	3.9	28.4	29.1	28.9	22.2	22.2	22.4
Buffalo-Niagara Falls	27.9	27.8	27.9	158.5	159.1	158.3	88.9	87.6	87.4
Dutchess County	4.1	4.1	4.0	32.1	32.9	33.1	22.8	23.0	23.1
Elmira	1.3	1.3	1.3	10.4	10.5	10.6	7.4	7.2	7.5
Glens Falls	1.9	1.9	1.9	13.9	14.9	14.1	9.8	9.7	9.8
Nassau-Suffolk	78.5	78.8	78.5	346.6	356.2	355.2	182.7	181.3	183.0
New York PMSA	503.9	504.2	504.8	1,375.0	1,400.8	1,412.6	621.6	607.5	611.6
New York City	471.8	472.8	473.4	1,207.5	1,230.1	1,242.2	537.4	525.3	528.3
Newburgh	5.5	5.4	5.5	30.3	30.8	30.5	27.0	26.6	26.9
Rochester	23.0	22.9	22.9	152.4	155.0	154.2	80.6	78.8	79.7
Rockland County	5.0	5.0	5.1	30.0	30.3	30.4	20.8	20.5	20.4
Syracuse	18.0	18.4	18.1	96.2	97.6	96.7	61.3	60.3	61.0
Utica-Rome	7.8	7.6	7.6	35.4	37.4	37.0	29.8	29.7	30.0
Westchester County	26.0	25.3	25.2	131.7	134.6	134.3	59.2	57.6	58.7
North Carolina	146.0	155.4	155.6	772.6	810.3	804.7	574.2	586.3	593.6
Asheville	3.0	3.1	3.1	28.8	30.2	30.2	15.1	15.1	15.3
Charlotte-Gastonia-Rock Hill	46.5	48.2	48.3	168.7	173.4	172.4	85.8	91.3	92.4
Greensboro--Winston-Salem--High Point	30.1	31.8	31.8	148.6	152.4	152.5	66.6	65.8	66.5
Raleigh-Durham-Chapel Hill	26.4	26.6	26.7	163.9	168.5	168.3	120.0	121.9	123.4
North Dakota	13.9	14.1	14.2	82.5	86.5	86.3	72.4	71.9	71.9
Bismarck	2.2	2.2	2.3	14.6	15.2	15.2	10.0	9.9	10.1
Fargo-Moorhead	5.4	5.5	5.5	27.2	28.2	28.2	14.6	14.7	14.6
Grand Forks	1.5	1.5	1.5	12.7	13.3	13.3	13.0	12.4	12.6
Ohio	273.4	277.5	278.0	1,411.7	1,440.0	1,432.9	771.2	767.6	774.4
Akron	12.2	12.2	12.2	84.5	85.9	84.7	48.8	49.0	49.5
Canton-Massillon	5.3	5.3	5.3	47.3	47.7	47.8	19.0	19.4	19.6
Cincinnati	50.7	52.0	52.2	223.2	227.8	225.3	103.3	104.5	104.6
Cleveland-Lorain-Elyria	70.6	69.9	70.1	322.1	325.9	325.8	142.9	142.9	143.5
Columbus	65.0	67.1	67.2	220.7	226.4	225.4	135.9	135.8	136.3
Dayton-Springfield	16.8	17.0	17.0	134.9	136.1	135.8	75.0	70.1	71.5
Hamilton-Middletown	4.3	4.1	4.0	25.7	26.8	26.5	20.5	20.6	20.7
Lima	2.2	2.1	2.2	19.5	20.1	20.2	10.4	10.5	10.5
Mansfield	2.8	2.7	2.7	19.3	19.3	19.3	10.7	10.3	10.3
Steubenville-Weirton	1.6	1.7	1.6	13.1	13.5	13.4	6.2	6.1	6.1
Toledo	10.6	11.0	11.1	88.3	88.9	89.1	48.1	47.5	48.3
Youngstown-Warren	9.6	9.6	9.5	62.1	62.2	61.7	31.7	30.6	31.0
Oklahoma	65.8	67.3	67.5	352.4	370.7	371.7	274.8	275.6	276.0
Enid	1.0	1.0	1.0	6.5	6.5	6.5	4.1	4.3	4.3
Lawton	1.7	1.9	1.9	7.7	8.1	8.1	11.9	12.4	12.4
Oklahoma City	26.6	27.6	27.9	137.9	146.5	147.3	102.9	101.8	102.2
Tulsa	20.0	20.6	20.7	106.3	110.8	111.1	42.6	43.0	42.8
Oregon	88.2	91.8	92.0	376.7	406.0	405.0	247.1	240.7	248.4
Eugene-Springfield	6.8	7.1	7.0	35.0	35.7	35.5	25.2	25.2	25.7
Medford-Ashland	2.9	3.0	3.0	16.3	17.8	17.4	10.5	10.5	10.5
Portland-Vancouver	62.7	66.7	66.7	235.1	251.8	254.0	112.0	103.8	108.7
Salem	6.5	6.5	6.5	30.5	32.2	31.6	34.1	34.9	35.3
Pennsylvania	304.1	308.9	308.6	1,609.5	1,631.7	1,629.0	738.8	730.7	734.6
Allentown-Bethlehem-Easton	13.7	13.3	13.2	79.7	81.3	81.2	30.7	30.6	31.0
Alltoona	1.9	1.9	1.9	14.5	15.3	15.2	8.3	8.1	7.9
Erie	5.7	5.6	5.6	36.3	37.0	36.6	15.9	16.0	16.0
Harrisburg-Lebanon-Carlisle	23.9	25.1	24.9	86.5	89.4	89.5	71.4	71.5	71.9
Johnstown	4.3	4.5	4.5	25.7	26.0	25.7	13.9	13.9	14.1
Lancaster	8.8	9.2	9.3	51.1	53.3	52.7	19.0	18.9	18.9
Philadelphia PMSA	153.4	154.6	154.7	752.3	763.7	766.0	306.0	303.1	303.8
Philadelphia City	55.8	55.3	55.6	277.8	281.1	281.0	125.6	125.5	124.7
Pittsburgh	60.3	60.2	59.9	359.3	364.5	363.0	126.5	122.7	124.1
Reading	3.0	3.1	3.0	36.2	38.8	38.9	19.4	19.3	19.4
Scranton--Wilkes-Barre--Hazleton	13.6	14.5	14.6	75.3	77.8	77.6	35.7	34.7	35.3
Sharon	1.5	1.6	1.6	13.1	13.3	13.0	5.5	5.4	5.4
State College	1.7	1.5	1.5	13.1	13.2	13.2	25.4	26.7	26.7
Williamsport	2.3	2.3	2.3	13.9	14.6	14.5	7.3	7.2	7.3
York	5.0	4.7	4.8	37.6	36.9	36.9	14.9	16.3	16.6

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P
Rhode Island	449.5	450.1	452.6	.2	.1	.1	14.5	14.5	14.7
Providence-Fall River-Warwick	505.4	506.5	509.6	.2	.2	.2	15.9	16.7	16.2
South Carolina	1,666.7	1,696.0	1,707.9	1.9	1.9	2.0	87.6	90.3	90.5
Charleston-North Charleston	211.1	213.3	215.3	(1)	(1)	(1)	12.9	13.3	13.2
Columbia	266.7	273.2	275.5	(1)	(1)	(1)	13.4	14.2	14.1
Greenville-Spartanburg-Anderson	448.6	457.2	460.1	(1)	(1)	(1)	27.2	27.6	27.8
South Dakota	350.5	357.1	357.9	2.4	2.3	2.2	14.5	15.6	14.9
Rapid City	45.5	45.7	45.4	(1)	(1)	(1)	2.9	3.1	2.9
Sioux Falls	97.7	100.2	100.2	(1)	(1)	(1)	4.8	5.0	4.8
Tennessee	2,557.4	2,603.3	2,609.8	4.6	4.5	4.5	111.1	121.9	120.3
Chattanooga	218.4	217.4	217.7	(1)	(1)	(1)	8.8	9.4	9.4
Johnson City-Kingsport-Bristol	196.2	195.1	195.4	(1)	(1)	(1)	9.7	9.7	9.6
Knoxville	315.2	315.4	313.8	.5	.5	.5	17.3	17.4	17.2
Memphis	539.2	542.7	544.2	(1)	(1)	(1)	22.8	23.9	23.9
Nashville	608.6	612.9	616.1	(1)	(1)	(1)	27.8	28.8	28.5
Texas	8,184.4	8,368.3	8,401.0	155.6	153.3	153.5	422.0	441.0	440.6
Abilene	53.1	53.6	53.9	1.3	1.3	1.3	2.1	2.2	2.2
Amarillo	91.7	94.3	94.8	.8	.7	.7	4.4	4.8	4.8
Austin-San Marcos	535.3	545.4	548.2	1.0	1.1	1.1	25.3	26.8	26.6
Beaumont-Port Arthur	152.1	152.3	152.8	.8	.8	.8	13.6	14.0	14.2
Brazoria	71.8	73.4	72.7	1.4	1.4	1.4	8.4	8.9	8.3
Brownsville-Harlingen-San Benito	94.1	95.7	96.6	(1)	(1)	(1)	3.0	3.2	3.3
Bryan-College Station	65.8	67.7	67.8	.6	.6	.6	2.5	2.8	2.8
Corpus Christi	146.6	150.8	151.1	2.5	2.4	2.4	11.9	12.5	12.5
Dallas	1,634.8	1,685.7	1,693.0	11.9	11.3	11.3	69.7	75.6	75.5
El Paso	234.3	236.2	235.8	(1)	(1)	(1)	10.2	10.0	10.0
Ft. Worth-Arlington	664.5	683.9	686.5	4.4	4.4	4.4	29.1	31.8	31.6
Galveston-Texas City	87.8	86.8	87.2	.8	.8	.8	5.6	4.9	5.1
Houston	1,789.1	1,822.3	1,832.3	64.3	65.9	66.0	122.7	125.2	124.6
Killeen Temple	94.9	96.4	96.8	(1)	(1)	(1)	4.0	4.2	4.1
Laredo	55.4	56.2	56.2	2.9	2.9	3.0	2.1	2.1	2.1
Longview-Marshall	84.8	85.3	85.2	3.3	3.3	3.3	3.8	3.9	3.9
Lubbock	109.9	111.8	112.5	.2	.1	.1	4.1	4.4	4.4
McAllen-Edinburg-Mission	127.3	129.3	131.0	1.0	1.1	1.1	5.9	6.5	6.4
Odessa Midland	97.1	100.0	99.8	11.8	12.4	12.1	5.4	5.4	5.2
San Angelo	41.7	41.1	41.0	.5	.4	.4	1.8	1.7	1.7
San Antonio	632.6	645.1	647.9	1.9	1.9	1.9	32.2	34.6	34.5
Sherman-Denison	41.5	42.0	41.8	(1)	(1)	(1)	1.8	1.8	1.8
Texarkana	49.9	50.4	50.5	(1)	(1)	(1)	2.3	2.5	2.4
Tyler	71.9	72.3	72.2	1.3	1.4	1.4	2.4	2.4	2.3
Victoria	34.1	33.3	33.5	1.4	1.3	1.3	2.3	2.3	2.4
Waco	94.2	95.2	95.1	(1)	(1)	(1)	4.1	4.3	4.3
Wichita Falls	57.9	58.9	59.0	1.3	1.3	1.3	2.1	2.2	2.2
Utah	938.0	977.7	985.5	8.4	7.8	7.9	58.6	66.9	64.3
Provo-Orem	128.8	134.5	136.2	(1)	(1)	(1)	10.3	9.9	9.9
Salt Lake City-Ogden	631.9	656.7	663.1	3.2	3.0	3.0	36.7	42.7	41.9
Vermont	274.7	281.2	278.7	.5	.7	.7	13.1	14.8	13.9
Barre-Montpelier	29.9	29.9	30.2	(1)	(1)	(1)	1.4	1.5	1.5
Burlington	97.8	98.4	98.3	(1)	(1)	(1)	4.8	4.9	4.9
Virginia	3,115.0	3,158.7	3,171.3	10.7	10.1	10.1	172.5	176.0	175.0
Bristol	37.3	37.3	37.4	(1)	(1)	(1)	1.5	1.7	1.7
Charlottesville	77.7	80.0	80.4	(1)	(1)	(1)	3.9	4.1	4.1
Danville	44.6	45.3	45.4	(1)	(1)	(1)	2.2	2.3	2.3
Lynchburg	98.4	98.2	99.0	(1)	(1)	(1)	6.1	5.9	5.9
Norfolk-Virginia Beach-Newport News	634.9	633.7	634.8	(1)	(1)	(1)	37.2	37.9	38.0
Northern Virginia	944.6	965.7	970.2	.6	.6	.6	52.1	52.0	51.7
Richmond-Petersburg	508.3	513.3	517.5	.7	.8	.8	29.8	31.2	31.1
Roanoke	139.7	139.6	140.1	(1)	(1)	(1)	7.7	7.8	7.7
Washington	2,369.9	2,457.6	2,465.9	3.4	3.4	3.4	124.5	132.6	127.3
Seattle-Bellevue-Everett	1,189.4	1,255.3	1,271.9	.7	.8	.8	61.1	67.6	66.4
Spokane	182.0	183.5	183.7	(1)	(1)	(1)	10.4	10.8	10.4
Tacoma	220.2	224.4	226.3	.2	.2	.2	12.4	12.3	11.8

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		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P
Rhode Island	85.4	83.3	83.4	15.3	15.6	15.6	99.0	98.5	99.4
Providence-Fall River-Warwick	107.7	104.6	105.0	17.6	17.4	17.4	118.2	117.1	118.7
South Carolina	376.3	365.7	364.7	72.1	74.1	74.1	389.4	405.2	407.5
Charleston-North Charleston	20.5	20.7	20.8	11.2	11.5	11.5	53.9	54.9	55.2
Columbia	26.1	26.0	26.1	12.0	12.3	12.3	61.8	63.2	64.0
Greenville-Spartanburg-Anderson	127.7	126.3	125.6	18.1	19.3	19.4	109.7	112.2	113.4
South Dakota	47.3	48.7	48.9	16.3	16.3	16.3	89.8	90.7	90.9
Rapid City	4.5	4.2	4.2	2.1	2.1	2.0	13.6	13.8	14.0
Sioux Falls	13.3	12.7	12.8	6.2	6.1	6.1	26.5	26.7	26.8
Tennessee	539.5	529.1	528.3	137.8	138.7	138.5	608.0	620.1	631.4
Chattanooga	45.1	44.2	44.5	8.0	8.0	7.9	51.5	50.8	51.1
Johnson City-Kingsport-Bristol	55.4	54.4	54.4	7.4	7.3	7.2	44.3	42.7	43.1
Knoxville	49.4	49.0	49.3	13.2	13.3	13.2	82.7	82.1	81.8
Memphis	64.7	63.6	63.4	57.8	59.0	59.0	141.7	141.8	144.1
Nashville	100.0	98.8	99.0	32.3	31.4	31.4	149.6	149.4	152.1
Texas	1,037.2	1,048.2	1,048.9	481.3	492.9	495.4	2,001.0	2,019.5	2,046.6
Abilene	3.3	3.1	3.1	2.7	2.7	2.7	14.1	14.3	14.5
Amarillo	9.6	9.3	9.2	5.8	6.0	6.0	25.6	26.4	26.9
Austin-San Marcos	70.7	71.6	71.6	16.6	17.4	17.4	116.5	119.7	121.7
Beaumont-Port Arthur	23.8	24.0	24.0	8.5	8.1	8.3	35.6	35.5	35.6
Brazoria	16.3	16.3	16.4	3.1	3.2	3.1	13.9	13.8	13.9
Brownsville-Harlingen-San Benito	13.9	13.7	13.9	4.1	4.1	4.1	24.2	24.8	25.1
Bryan-College Station	3.7	3.9	3.9	1.3	1.4	1.4	14.4	14.5	14.5
Corpus Christi	13.6	13.6	13.7	6.7	6.8	6.8	34.7	35.3	35.6
Dallas	232.6	236.8	237.2	105.6	111.9	112.7	417.2	427.0	432.9
El Paso	45.7	47.2	46.2	12.8	12.5	12.7	56.0	55.0	55.1
Ft. Worth-Arlington	105.8	106.6	106.4	63.3	61.1	61.9	171.7	174.7	176.5
Gaiveston-Texas City	8.0	7.7	7.7	4.4	4.3	4.4	19.0	18.9	19.0
Houston	189.0	193.6	193.2	124.5	126.3	126.3	422.9	427.2	434.0
Killeen Temple	10.1	10.2	10.3	3.3	3.4	3.4	23.3	23.5	23.8
Laredo	1.7	1.7	1.7	7.9	8.0	8.0	15.6	15.6	15.5
Longview-Marshall	18.1	18.3	18.3	4.0	3.9	3.9	21.6	21.6	21.6
Lubbock	7.6	7.5	7.6	5.9	6.0	6.1	31.5	33.0	33.4
McAllen-Edinburg-Mission	13.4	12.9	12.9	4.5	4.8	5.0	35.7	35.9	36.8
Odessa Midland	6.7	7.0	7.1	4.0	4.2	4.1	26.4	26.6	26.9
San Angelo	5.4	5.1	5.1	2.5	2.5	2.4	10.2	9.8	9.8
San Antonio	49.0	49.7	49.7	29.1	29.6	29.8	158.1	157.3	159.6
Sherman-Denison	10.4	10.2	10.2	1.6	1.5	1.5	9.6	9.5	9.5
Texarkana	5.7	5.6	5.6	2.2	2.1	2.1	13.0	13.2	13.3
Tyler	11.8	10.9	10.8	3.3	3.4	3.4	18.3	18.1	18.1
Victoria	3.0	3.2	3.2	1.4	1.4	1.4	9.4	9.0	9.1
Waco	17.0	16.8	16.8	3.7	3.8	3.7	21.9	22.1	22.3
Wichita Falls	8.2	8.1	8.0	2.9	2.8	2.8	13.5	13.9	14.1
Utah	126.9	132.3	133.7	52.2	54.2	55.3	230.4	234.4	241.3
Provo-Orem	17.5	18.5	18.8	2.3	2.3	2.3	28.7	29.9	30.6
Salt Lake City-Ogden	80.0	82.6	83.2	40.8	42.7	43.0	158.4	160.3	165.1
Vermont	46.0	46.4	46.6	12.0	12.0	11.9	65.1	66.5	65.9
Barre-Montpelier	3.3	3.7	3.8	1.0	.9	.9	6.6	6.5	6.5
Burlington	17.8	18.1	18.2	4.4	5.0	4.7	22.8	22.4	22.3
Virginia	399.9	396.6	396.4	159.8	165.2	165.0	720.0	726.4	737.0
Bristol	10.2	9.7	9.7	1.3	1.2	1.2	10.0	10.1	10.2
Charlottesville	7.8	7.6	7.5	2.3	2.3	2.3	15.8	16.5	16.7
Danville	16.0	16.1	15.8	1.1	1.1	1.1	9.6	9.7	9.9
Lynchburg	26.8	25.4	25.3	3.7	3.7	3.6	22.1	21.5	22.4
Norfolk-Virginia Beach-Newport News	65.9	65.5	65.3	30.6	31.5	31.4	155.3	153.4	156.2
Northern Virginia	39.1	39.2	39.6	56.8	59.3	59.7	212.4	213.7	216.4
Richmond-Petersburg	60.6	60.9	61.6	26.1	26.6	26.7	122.5	123.4	125.5
Roanoke	19.5	19.0	18.9	8.7	8.3	8.3	37.5	37.3	37.8
Washington	311.8	352.6	351.7	122.0	123.2	122.8	597.0	601.6	608.4
Seattle-Bellevue-Everett	164.7	202.4	203.7	73.3	75.4	76.0	296.7	302.8	308.8
Spokane	21.2	22.3	22.1	8.1	8.4	8.4	47.5	46.9	47.7
Tacoma	21.9	24.2	24.5	10.4	10.2	10.2	57.6	57.2	58.4

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	Finance, insurance, and real estate			Services			Government		
	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P
Rhode Island	24.5	24.7	24.8	148.9	151.3	151.7	61.7	62.1	62.9
Providence-Fall River-Warwick	26.3	26.4	26.5	154.1	158.7	159.3	65.4	65.4	66.3
South Carolina	69.9	71.9	72.0	369.9	388.5	386.2	299.6	298.4	310.9
Charleston-North Charleston	8.2	8.2	8.1	55.5	57.3	57.4	48.9	47.4	49.1
Columbia	19.2	19.8	19.8	63.5	66.8	66.7	70.7	70.9	72.5
Greenville-Spartanburg-Anderson	15.6	15.6	15.7	93.0	97.9	98.1	57.3	58.3	60.1
South Dakota	19.3	20.0	20.1	88.7	92.1	91.2	72.2	71.4	73.4
Rapid City	1.7	1.7	1.7	13.2	13.5	13.1	7.5	7.3	7.5
Sioux Falls	10.0	10.6	10.9	27.4	29.4	29.1	9.5	9.7	9.7
Tennessee	111.3	113.2	113.6	650.2	670.2	668.6	394.9	405.6	404.6
Chattanooga	13.4	13.9	13.8	56.4	55.8	55.6	35.2	35.3	35.4
Johnson City-Kingsport-Bristol	5.8	5.8	5.8	42.9	43.1	43.1	30.7	32.1	32.2
Knoxville	11.6	11.9	11.9	84.3	85.3	83.8	56.2	55.9	56.1
Memphis	26.7	27.2	27.3	145.0	147.9	147.7	80.5	79.3	78.8
Nashville	34.8	35.5	35.6	186.3	190.1	190.2	77.8	78.9	79.3
Texas	440.5	446.4	446.6	2,160.9	2,261.3	2,254.9	1,485.9	1,505.7	1,514.5
Abilene	1.9	2.0	2.0	17.8	18.0	18.1	9.9	10.0	10.0
Amarillo	4.5	4.7	4.7	22.8	25.3	25.2	18.2	17.1	17.3
Austin-San Marcos	28.0	29.0	29.0	145.3	148.6	148.7	131.9	131.2	132.1
Beaumont-Port Arthur	4.7	4.9	4.9	39.6	39.3	39.3	25.5	25.7	25.7
Brazoria	1.8	1.8	1.8	13.1	13.9	13.6	13.8	14.1	14.2
Brownsville-Harlingen-San Benito	3.5	3.6	3.6	23.4	23.8	23.9	22.0	22.5	22.7
Bryan-College Station	2.5	2.5	2.5	13.1	13.5	13.4	27.7	28.5	28.7
Corpus Christi	6.3	6.6	6.5	39.8	43.6	43.5	31.1	30.0	30.1
Dallas	131.3	131.6	131.5	472.6	495.1	494.4	193.9	196.4	197.5
El Paso	8.7	8.9	8.9	50.8	51.5	51.4	50.1	51.1	51.5
Ft. Worth-Arlington	29.2	30.8	30.8	172.1	182.8	182.3	88.9	91.7	92.6
Galveston-Texas City	5.3	5.3	5.3	17.8	17.5	17.4	26.9	27.4	27.5
Houston	95.1	94.8	94.8	524.4	539.3	541.4	246.2	250.0	252.0
Killeen Temple	3.8	3.9	3.9	23.9	24.5	24.5	26.5	26.7	26.8
Laredo	2.0	2.0	2.0	9.7	9.8	9.8	13.5	14.1	14.1
Longview-Marshall	2.8	2.9	2.9	19.8	19.9	19.8	11.4	11.5	11.5
Lubbock	4.9	5.1	5.1	30.8	31.5	31.3	24.9	24.2	24.5
McAllen-Edinburg-Mission	4.3	4.5	4.5	27.0	27.9	28.2	35.5	35.7	36.1
Odessa Midland	3.4	3.5	3.5	22.0	23.3	23.2	17.4	17.6	17.7
San Angelo	1.7	1.7	1.7	11.0	11.4	11.4	8.6	8.5	8.5
San Antonio	43.4	43.9	44.2	186.2	193.6	193.5	132.7	134.5	134.7
Sherman-Denison	2.1	2.0	2.0	10.6	11.5	11.3	5.4	5.5	5.5
Texarkana	1.8	1.8	1.9	13.1	13.4	13.4	11.8	11.8	11.8
Tyler	3.6	3.7	3.7	20.1	20.9	21.0	11.1	11.5	11.5
Victoria	1.6	1.6	1.6	8.8	8.6	8.6	6.2	5.9	5.9
Waco	5.6	5.7	5.7	26.8	27.5	27.4	15.1	15.0	14.9
Wichita Falls	2.2	2.2	2.2	15.0	15.5	15.5	12.7	12.9	12.9
Utah	49.2	52.2	53.0	246.2	260.2	259.7	166.1	169.7	170.3
Provo-Orem	3.2	3.7	3.7	49.0	52.2	52.6	17.8	18.0	18.3
Salt Lake City-Ogden	41.1	42.2	42.4	164.0	175.0	175.8	107.7	108.2	108.7
Vermont	12.0	12.4	12.4	78.5	81.5	79.4	47.5	46.9	47.9
Barre-Montpelier	2.4	2.4	2.4	8.0	7.9	8.1	7.2	7.0	7.0
Burlington	4.6	4.5	4.5	27.2	27.2	26.8	16.2	16.3	16.9
Virginia	161.1	162.0	162.3	885.1	920.0	916.3	605.9	602.4	609.2
Bristol	1.2	1.3	1.2	7.7	7.7	7.8	5.4	5.6	5.6
Charlottesville	4.1	4.0	4.0	18.9	19.3	19.3	24.9	26.2	26.5
Danville	1.4	1.5	1.5	8.5	8.7	8.7	5.8	5.9	5.1
Lynchburg	4.1	4.6	4.6	23.0	24.3	24.3	12.6	12.8	12.9
Norfolk-Virginia Beach-Newport News	28.3	28.5	28.9	178.9	181.8	179.0	138.7	135.1	136.0
Northern Virginia	53.9	54.1	54.0	351.3	371.3	370.9	178.4	175.5	177.3
Richmond-Petersburg	42.2	42.6	42.5	127.0	129.8	128.8	99.4	98.0	100.5
Roanoke	9.4	9.6	9.7	38.9	40.2	39.8	18.0	17.4	17.9
Washington	121.9	125.0	125.0	631.4	663.4	662.4	457.9	455.8	464.9
Seattle-Bellevue-Everett	73.8	76.0	76.2	338.5	353.1	354.8	180.6	177.2	185.4
Spokane	10.1	10.3	10.3	53.9	54.3	54.1	30.8	30.5	30.7
Tacoma	11.1	11.4	11.4	59.6	61.9	62.1	47.0	47.0	47.7

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		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P
West Virginia	699.8	705.4	705.4	26.8	25.1	24.8	34.1	39.1	37.2
Charleston	127.6	128.2	128.7	1.7	2.0	2.0	7.2	8.1	7.7
Huntington-Ashland	120.8	121.4	122.2	1.4	1.6	1.7	6.6	6.4	6.4
Parkersburg-Marietta	68.8	69.1	68.8	.4	.3	.3	4.4	5.0	4.8
Wheeling	63.6	63.9	64.1	1.4	1.4	1.4	2.0	2.7	2.4
Wisconsin	2,590.0	2,631.6	2,634.1	2.5	2.6	2.5	106.5	117.4	114.3
Appleton-Oshkosh-Neenah	190.2	193.9	194.2	(1)	(1)	(1)	9.9	11.3	11.3
Eau Claire	67.3	68.3	68.4	(1)	(1)	(1)	2.8	3.1	3.0
Green Bay	129.9	134.1	134.5	(1)	(1)	(1)	7.0	7.8	7.4
Janesville-Beloit	70.1	71.1	71.5	(1)	(1)	(1)	3.0	3.5	3.4
Kenosha	49.3	48.5	48.4	(1)	(1)	(1)	2.3	2.5	2.5
La Crosse	67.4	68.1	68.2	(1)	(1)	(1)	2.7	3.1	2.9
Madison	263.0	268.3	270.4	(1)	(1)	(1)	12.4	13.5	13.3
Milwaukee-Waukesha	809.8	819.3	821.7	(1)	(1)	(1)	29.4	30.0	29.9
Racine	80.5	81.9	82.2	(1)	(1)	(1)	3.1	3.2	3.0
Sheboygan	59.0	61.4	61.5	(1)	(1)	(1)	2.4	2.7	2.6
Wausau	62.7	63.9	64.0	(1)	(1)	(1)	2.6	2.8	2.7
Wyoming	219.2	224.7	220.4	17.0	16.7	16.4	14.7	15.5	14.2
Casper	30.8	29.9	30.0	2.2	1.9	1.9	1.7	1.8	1.7
Puerto Rico	924.8	936.9	941.4	1.0	1.0	.9	48.3	50.4	49.9
Caguas	61.0	64.0	64.5	(1)	(1)	(1)	3.3	3.7	3.9
Mayaguez	69.4	70.2	70.5	(1)	(1)	(1)	3.7	4.2	4.2
Ponce	72.5	72.9	73.2	(1)	(1)	(1)	3.9	4.1	3.8
San Juan-Bayamon	577.5	587.5	589.5	5	5	5	34.7	36.1	35.7
Virgin Islands	39.9	40.7	41.5	(1)	(1)	(1)	1.6	2.2	2.5

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P
West Virginia	82.7	81.3	81.3	40.3	39.2	39.3	163.5	163.0	164.9
Charleston	9.8	9.9	9.9	9.2	9.2	9.2	32.2	32.1	32.5
Huntington-Ashland	18.2	17.9	18.0	7.1	6.8	6.8	31.5	31.6	31.7
Parkersburg-Marietta	13.2	13.1	13.1	3.0	3.2	3.2	17.3	16.7	16.8
Wheeling	6.6	6.0	6.0	3.3	3.2	3.1	15.9	16.0	16.4
Wisconsin	600.3	602.4	598.5	120.5	121.9	121.9	601.3	602.5	609.7
Appleton-Oshkosh-Neenah	58.5	58.6	58.1	7.3	7.9	7.9	41.8	42.6	43.2
Eau Claire	11.3	11.3	11.4	3.4	3.3	3.3	18.6	18.8	18.8
Green Bay	27.7	28.3	28.2	9.0	9.4	9.4	30.6	31.3	32.0
Janesville-Beloit	21.6	21.5	21.8	2.6	2.8	2.7	16.8	17.2	17.4
Kenosha	11.1	10.6	10.7	1.8	1.7	1.7	14.1	13.8	14.0
La Crosse	11.1	11.7	11.2	3.0	3.0	2.9	20.4	20.1	20.6
Madison	28.3	28.4	28.3	8.6	8.7	8.7	60.5	61.7	62.9
Milwaukee-Waukesha	177.2	175.9	176.1	38.4	38.4	38.8	178.0	177.3	179.6
Racine	25.2	24.8	25.0	3.0	3.4	3.4	17.0	17.2	17.5
Sheboygan	25.0	25.5	25.6	2.0	2.0	2.0	10.5	10.7	10.7
Wausau	17.6	18.1	17.9	3.7	3.9	3.9	15.6	15.9	16.1
Wyoming	10.3	10.6	10.6	13.6	13.6	13.6	51.8	52.3	51.5
Casper	1.7	1.6	1.6	1.6	1.6	1.6	8.9	8.7	8.8
Puerto Rico	153.7	152.2	152.7	23.2	21.6	20.9	183.9	182.4	186.3
Caguas	15.1	15.2	15.5	8	7	7	13.3	14.5	15.0
Mayaguez	19.7	20.3	20.2	6	6	5	11.5	11.3	11.6
Ponce	11.0	11.1	10.8	2.2	1.5	1.4	13.7	13.5	14.0
San Juan-Bayamon	70.3	69.0	69.3	17.4	17.7	17.3	120.1	117.6	119.4
Virgin Islands	2.3	2.2	2.2	2.5	2.3	2.3	8.7	9.0	9.2

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P
West Virginia	27.2	26.9	26.9	186.0	190.9	190.3	139.2	139.9	140.7
Charleston	7.1	7.0	6.9	37.7	37.3	37.7	22.7	22.6	22.8
Huntington-Ashland	3.8	3.6	3.6	31.4	32.3	32.5	20.8	21.2	21.5
Parkersburg-Marietta	2.4	2.5	2.5	17.5	17.7	17.5	10.6	10.6	10.6
Wheeling	2.9	2.7	2.7	21.4	22.0	22.2	10.1	9.9	9.9
Wisconsin	135.4	137.1	137.1	637.6	659.2	655.8	385.9	388.4	394.3
Appleton-Oshkosh-Neenah	9.7	9.8	9.9	40.6	41.0	40.8	22.4	22.6	23.1
Eau Claire	2.5	2.6	2.6	16.4	16.7	16.8	12.4	12.5	12.6
Green Bay	9.6	9.6	9.6	30.3	31.7	31.6	15.7	16.1	16.3
Janesville-Beloit	2.0	2.1	2.1	15.7	15.2	15.1	8.5	8.8	8.9
Kenosha	1.5	1.4	1.4	11.3	10.8	10.5	7.2	7.6	7.5
La Crosse	2.3	2.3	2.4	18.0	17.9	17.8	9.9	10.0	10.3
Madison	20.7	20.8	20.9	62.1	62.9	63.0	70.3	72.2	73.3
Milwaukee-Waukesha	56.4	57.6	57.7	240.8	250.8	249.8	89.7	89.3	89.8
Racine	2.2	2.1	2.1	20.6	21.7	21.6	9.4	9.5	9.7
Sheboygan	2.0	1.8	1.8	11.0	12.3	12.2	6.2	6.5	6.6
Wausau	4.5	4.5	4.6	11.5	11.4	11.4	7.2	7.3	7.5
Wyoming	7.9	7.9	7.9	44.7	48.3	44.9	59.2	59.8	61.3
Casper	1.1	1.1	1.1	8.0	7.9	7.8	5.6	5.3	5.5
Puerto Rico	43.0	42.8	42.9	170.2	173.8	175.1	301.5	312.7	312.7
Caguas	1.8	1.6	1.6	10.7	10.9	10.9	16.0	17.4	16.9
Mayaguez	2.2	2.3	2.4	11.3	10.4	10.6	20.4	21.1	21.0
Ponce	2.1	2.2	2.3	14.7	15.4	15.2	24.9	25.1	25.7
San Juan-Bayamon	33.4	33.4	33.4	116.1	121.3	122.1	185.0	191.9	191.8
Virgin Islands	1.7	1.7	1.7	8.8	9.5	9.8	14.3	13.8	13.8

¹ Combined with construction.

² Not available

^P = preliminary.

NOTE Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 1995 benchmarks.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P
Total private		34.4	34.5	34.5	34.5	34.9	-	-	-	-	-
Goods-producing		41.2	41.2	41.5	41.4	41.8	-	-	-	-	-
Mining		44.8	45.0	45.9	45.4	46.4	-	-	-	-	-
Metal mining	10	44.3	44.5	43.6	43.4	-	-	-	-	-	-
Iron ores	101	44.1	43.9	45.4	42.2	-	-	-	-	-	-
Copper ores	102	44.9	45.7	44.3	44.5	-	-	-	-	-	-
Coal mining	12	44.8	45.1	45.8	45.9	-	-	-	-	-	-
Bituminous coal and lignite mining	122	44.9	45.3	45.8	45.9	-	-	-	-	-	-
Oil and gas extraction	13	44.4	44.9	45.3	45.2	-	-	-	-	-	-
Crude petroleum and natural gas	131	41.3	42.5	40.7	41.6	-	-	-	-	-	-
Oil and gas field services	138	46.2	46.2	47.8	47.1	-	-	-	-	-	-
Nonmetallic minerals, except fuels	14	46.2	45.3	48.5	46.7	-	-	-	-	-	-
Crushed and broken stone	142	47.0	46.4	49.9	48.1	-	-	-	-	-	-
Construction		38.6	38.1	39.9	38.7	38.5	-	-	-	-	-
General building contractors	15	38.3	38.0	38.6	38.0	-	-	-	-	-	-
Residential building construction	152	36.8	36.4	37.1	36.5	-	-	-	-	-	-
Operative builders	153	39.6	39.1	40.8	40.3	-	-	-	-	-	-
Nonresidential building construction	154	39.5	39.5	40.0	39.4	-	-	-	-	-	-
Heavy construction, except building	16	41.7	41.2	44.5	42.4	-	-	-	-	-	-
Highway and street construction	161	41.2	40.1	46.2	41.7	-	-	-	-	-	-
Heavy construction, except highway	162	42.0	41.6	43.7	42.7	-	-	-	-	-	-
Special trade contractors	17	38.0	37.4	39.1	38.1	-	-	-	-	-	-
Plumbing, heating, and air conditioning	171	39.6	39.8	39.8	39.2	-	-	-	-	-	-
Painting and paper hanging	172	35.6	35.3	38.0	36.7	-	-	-	-	-	-
Electrical work	173	40.0	40.1	40.2	39.7	-	-	-	-	-	-
Masonry, stonework, and plastering	174	35.3	33.7	36.5	35.0	-	-	-	-	-	-
Carpentry and floor work	175	36.3	35.4	35.9	36.0	-	-	-	-	-	-
Roofing, siding, and sheet metal work	176	33.8	32.0	36.5	34.5	-	-	-	-	-	-
Manufacturing		41.9	42.0	41.9	42.1	42.8	4.6	4.7	4.7	4.8	5.1
Durable goods		42.8	42.8	42.6	42.8	43.6	5.0	5.1	4.9	5.1	5.5
Lumber and wood products	24	40.7	40.4	41.4	41.1	41.2	4.2	4.1	4.5	4.3	-
Logging	241	40.5	38.9	42.0	41.0	-	5.4	5.0	6.0	5.4	-
Sawmills and planing mills	242	41.0	41.3	42.4	42.3	-	4.6	4.8	5.1	5.3	-
Sawmills and planing mills, general	2421	41.4	41.6	42.6	42.5	-	5.0	5.1	5.5	5.6	-
Hardwood dimension and flooring mills	2426	39.3	40.3	41.4	41.6	-	3.1	3.4	3.8	3.9	-
Millwork, plywood, and structural members	243	41.0	40.9	41.6	41.3	-	4.1	4.1	4.5	4.4	-
Millwork	2431	40.6	40.1	41.6	41.4	-	3.1	2.9	4.0	3.7	-
Wood kitchen cabinets	2434	40.3	40.1	40.3	39.9	-	4.0	4.2	4.5	4.3	-
Hardwood veneer and plywood	2435	42.1	42.6	42.3	42.5	-	5.2	5.1	5.3	5.1	-
Softwood veneer and plywood	2436	43.2	44.6	44.0	44.7	-	5.8	6.0	5.5	6.2	-
Wood containers	244	38.8	38.8	39.3	38.8	-	3.1	3.2	3.6	3.3	-
Wood buildings and mobile homes	245	40.4	38.7	39.7	38.4	-	3.8	3.1	3.2	2.4	-
Mobile homes	2451	40.6	38.8	39.9	38.5	-	4.0	3.1	3.1	2.2	-
Miscellaneous wood products	249	41.2	40.9	41.3	41.2	-	3.5	3.2	3.7	3.8	-
Furniture and fixtures	25	40.2	40.7	40.2	40.4	41.4	3.2	3.5	3.4	3.4	-
Household furniture	251	39.2	40.1	39.3	39.1	-	2.6	3.2	2.8	2.6	-
Wood household furniture	2511	39.4	40.1	39.6	39.4	-	2.6	2.8	2.9	2.8	-
Upholstered household furniture	2512	38.4	39.8	38.6	38.2	-	2.5	3.6	2.5	2.0	-
Metal household furniture	2514	41.2	42.4	42.0	39.9	-	3.5	4.7	4.6	3.2	-
Mattresses and bedsprings	2515	38.3	38.5	38.0	38.9	-	2.3	2.7	2.4	2.8	-
Office furniture	252	42.0	41.9	40.3	42.0	-	4.1	4.1	3.0	3.7	-
Public building and related furniture	253	41.5	40.9	41.9	41.2	-	4.3	3.8	5.0	5.0	-
Partitions and fixtures	254	42.2	42.0	42.7	43.3	-	4.3	4.1	5.1	4.7	-
Miscellaneous furniture and fixtures	259	40.2	40.6	40.3	41.6	-	3.1	3.2	3.5	4.3	-

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' on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
Total private		\$11.59	\$11.61	\$11.96	\$12.00	\$12.07	\$398.70	\$400.55	\$412.62	\$414.00	\$421.24
Goods-producing		13.18	13.22	13.62	13.63	13.73	543.02	544.66	565.23	564.28	573.91
Mining		15.35	15.54	15.54	15.66	15.86	687.68	699.30	713.29	710.96	735.90
Metal mining	10	17.08	16.96	17.47	17.92	-	756.64	754.72	761.69	777.73	-
Iron ores	101	19.63	18.08	18.77	19.98	-	865.68	793.71	852.16	843.16	-
Co. er ores	102	15.30	15.23	16.14	16.36	-	686.97	696.01	715.00	728.02	-
Coal mining	12	18.56	18.76	18.55	18.79	-	831.49	846.08	849.59	862.46	-
Bituminous coal and lignite mining	122	18.79	19.00	18.84	19.10	-	843.67	860.70	862.87	876.69	-
Oil and gas extraction	13	14.47	14.77	14.73	14.81	-	642.47	663.17	667.27	669.41	-
Crude petroleum and natural gas	131	18.96	19.47	19.58	19.79	-	783.05	827.48	796.91	823.26	-
Oil and gas field services	138	12.09	12.23	12.48	12.45	-	558.56	565.03	596.54	586.40	-
Nonmetallic minerals, except fuels	14	13.55	13.49	14.00	13.94	-	626.01	611.10	679.00	651.00	-
Crushed and broken stone	142	12.74	12.71	13.31	13.31	-	598.78	589.74	664.17	640.21	-
Construction		15.24	15.13	15.73	15.59	15.64	588.26	576.45	627.63	603.33	602.14
General building contractors	15	14.56	14.57	14.75	14.80	-	557.65	553.66	569.35	562.40	-
Residential building construction	152	13.49	13.39	13.45	13.50	-	496.43	487.40	499.00	492.75	-
Operative builders	153	14.24	14.04	14.18	14.15	-	563.90	548.96	578.54	570.25	-
Nonresidential building construction	154	15.50	15.60	15.93	15.95	-	612.25	616.20	637.20	628.43	-
Heavy construction, except building	16	14.73	14.23	15.69	15.20	-	614.24	586.28	698.21	644.48	-
Highway and street construction	161	14.81	13.98	16.05	15.24	-	610.17	560.60	741.51	635.51	-
Heavy construction, except highway	162	14.70	14.32	15.51	15.18	-	617.40	595.71	677.79	648.19	-
Special trade contractors	17	15.60	15.55	16.05	15.95	-	592.80	581.57	627.56	607.70	-
Plumbing, heating, and air conditioning	171	15.84	16.01	16.31	16.26	-	627.26	637.20	649.14	637.39	-
Painting and paper hanging	172	14.23	14.10	14.46	14.16	-	506.59	497.73	549.48	519.67	-
Electrical work	173	16.95	16.96	17.32	17.31	-	678.00	680.10	696.26	687.21	-
Masonry, stonework, and plastering	174	15.48	15.30	15.84	15.71	-	546.44	515.61	578.16	549.85	-
Carpentry and floor work	175	15.14	14.88	15.98	15.69	-	549.58	526.75	573.68	564.84	-
Roofing, siding, and sheet metal work	176	13.41	13.26	13.66	13.68	-	453.26	424.32	498.59	471.96	-
Manufacturing		12.49	12.60	12.84	12.92	13.09	523.33	529.20	538.00	543.93	560.25
Durable goods		13.03	13.14	13.42	13.49	13.66	557.68	562.39	571.69	577.37	595.58
Lumber and wood products	24	10.22	10.29	10.56	10.57	10.65	415.95	415.72	437.18	434.43	438.78
Logging	241	11.71	11.65	11.96	11.96	-	474.26	453.19	502.32	490.36	-
Sawmills and planing mills	242	10.41	10.52	10.67	10.65	-	426.81	434.48	452.41	450.50	-
Sawmills and planing mills, general	2421	10.77	10.91	11.07	11.04	-	445.88	453.86	471.58	469.20	-
Hardwood dimension and flooring mills	2426	9.00	9.00	9.08	9.15	-	353.70	362.70	375.91	380.64	-
Millwork, plywood, and structural members	243	10.19	10.25	10.61	10.64	-	417.79	419.23	441.38	439.43	-
Millwork	2431	10.24	10.37	10.73	10.77	-	415.74	415.84	446.37	445.88	-
Wood kitchen cabinets	2434	9.73	9.79	10.23	10.23	-	392.12	392.58	412.27	408.18	-
Hardwood veneer and plywood	2435	9.05	8.93	9.31	9.27	-	381.01	380.42	393.81	393.98	-
Softwood veneer and plywood	2436	12.35	12.38	12.94	12.92	-	533.52	552.15	569.36	577.52	-
Wood containers	244	7.81	7.82	8.10	8.18	-	303.03	303.42	318.33	317.38	-
Wood buildings and mobile homes	245	10.34	10.49	10.86	10.73	-	417.74	405.96	431.14	412.03	-
Mobile homes	2451	10.50	10.73	11.08	10.91	-	426.30	416.32	442.09	420.04	-
Miscellaneous wood products	249	9.75	9.87	9.95	10.10	-	401.70	403.68	410.94	416.12	-
Furniture and fixtures	25	9.94	10.00	10.28	10.28	10.42	399.59	407.00	413.26	415.31	431.39
Household furniture	251	9.39	9.49	9.71	9.71	-	368.09	380.55	381.60	379.66	-
Wood household furniture	2511	8.86	8.95	9.25	9.28	-	349.08	358.90	366.30	365.63	-
Upholstered household furniture	2512	10.22	10.29	10.51	10.51	-	392.45	409.54	405.69	401.48	-
Metal household furniture	2514	8.96	9.24	9.29	9.15	-	369.15	391.78	390.18	365.09	-
Mattresses and bedsprings	2515	9.85	9.92	10.16	10.21	-	377.26	381.92	386.08	397.17	-
Office furniture	252	10.81	10.93	11.18	11.19	-	454.02	457.97	450.55	469.98	-
Public building and related furniture	253	10.34	10.38	10.96	11.21	-	429.11	424.54	459.22	461.85	-
Partitions and fixtures	254	11.00	10.95	11.23	11.09	-	464.20	459.90	479.52	480.20	-
Miscellaneous furniture and fixtures	259	10.08	10.05	10.38	10.40	-	405.22	408.03	418.31	432.64	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P
Durable goods—Continued											
Stone, clay, and glass products	32	43.2	42.6	44.0	43.4	43.2	5.6	5.2	6.4	5.9	-
Flat glass	321	43.9	44.3	47.4	45.1	-	6.8	6.5	8.7	7.2	-
Glass and glassware, pressed or blown	322	43.3	43.4	42.8	42.9	-	5.5	4.5	4.8	5.2	-
Glass containers	3221	44.5	45.1	44.5	44.3	-	5.5	5.7	6.2	6.1	-
Pressed and blown glass, nec	3229	42.3	42.1	41.6	42.0	-	5.4	3.5	3.8	4.5	-
Products of purchased glass	323	42.6	43.0	42.0	41.8	-	4.7	4.5	4.4	4.0	-
Cement, hydraulic	324	45.1	43.9	44.2	45.1	-	4.9	4.3	4.9	4.9	-
Structural clay products	325	41.6	41.4	41.8	42.1	-	4.4	4.7	4.9	5.0	-
Pottery and related products	326	41.9	41.2	41.9	41.7	-	4.7	4.3	4.9	4.6	-
Concrete, gypsum, and plaster products	327	43.9	42.2	46.2	44.5	-	6.8	6.0	8.7	7.2	-
Concrete block and brick	3271	44.6	44.5	47.3	45.9	-	6.5	6.4	8.8	7.7	-
Concrete products, nec	3272	43.4	42.8	44.6	43.8	-	5.7	5.5	6.9	6.2	-
Ready-mixed concrete	3273	43.3	40.3	46.6	44.0	-	7.1	5.8	9.6	7.4	-
Misc. nonmetallic mineral products	329	43.3	43.4	42.4	43.2	-	4.7	5.0	5.0	5.5	-
Abrasive products	3291	41.9	41.8	42.1	43.1	-	3.3	3.4	3.9	4.4	-
Asbestos products	3292	44.8	46.1	45.8	45.9	-	5.9	5.6	5.3	5.4	-
Primary metal industries	33	44.3	44.4	44.4	44.5	45.0	6.3	6.2	6.5	6.5	-
Blast furnaces and basic steel products	331	44.6	44.6	44.4	45.2	44.9	6.4	6.1	6.5	6.7	-
Blast furnaces and steel mills	3312	44.9	45.0	44.7	45.8	-	6.7	6.3	6.8	7.1	-
Steel pipe and tubes	3317	43.9	44.9	44.7	44.1	-	6.0	6.3	6.5	6.2	-
Iron and steel foundries	332	44.3	44.1	45.3	45.0	-	6.1	6.2	6.3	6.3	-
Gray and ductile iron foundries	3321	44.8	44.3	46.1	45.6	-	6.7	6.8	7.2	7.1	-
Malleable iron foundries	3322	44.3	43.5	46.2	45.0	-	7.6	7.1	6.5	5.1	-
Steel foundries, nec	3325	42.9	43.3	42.8	43.5	-	4.7	4.6	4.7	4.9	-
Primary nonferrous metals	333	43.4	43.7	43.0	43.3	-	5.9	6.1	5.8	5.9	-
Primary aluminum	3334	43.2	43.5	42.4	42.3	-	5.9	6.2	6.2	6.0	-
Nonferrous rolling and drawing	335	45.4	45.2	44.8	44.7	-	7.2	6.9	7.5	7.4	-
Copper rolling and drawing	3351	46.5	45.7	45.8	45.5	-	7.6	7.1	8.3	8.2	-
Aluminum sheet, plate, and foil	3353	48.8	47.8	45.7	46.6	-	9.7	7.7	8.0	8.5	-
Nonferrous wire drawing and insulating	3357	44.4	44.1	44.2	44.5	-	6.9	6.6	7.0	7.1	-
Nonferrous foundries (castings)	336	42.6	43.3	43.2	42.8	-	5.0	5.3	5.3	5.0	-
Aluminum foundries	3365	42.8	42.8	43.9	43.1	-	5.2	5.0	5.8	5.3	-
Fabricated metal products	34	42.8	43.2	42.7	42.9	43.8	5.0	5.2	4.9	5.1	-
Metal cans and shipping containers	341	43.1	42.7	42.1	43.6	-	6.1	5.6	6.2	6.3	-
Metal cans	3411	43.6	43.4	42.4	44.0	-	6.1	5.7	6.1	6.2	-
Cutlery, handtools, and hardware	342	42.9	43.1	42.8	43.2	-	4.3	4.5	4.3	4.7	-
Hand and edge tools, and blades and handsaws	3423,5	43.0	43.1	43.2	43.5	-	4.3	4.1	4.4	4.8	-
Hardware, nec	3429	42.3	42.9	42.2	42.6	-	4.0	4.6	4.1	4.3	-
Plumbing and heating, except electric	343	42.4	43.6	42.6	42.4	-	4.4	4.9	4.8	4.7	-
Plumbing fixture fittings and trim	3432	42.4	43.5	42.7	43.1	-	4.0	4.2	4.1	4.0	-
Heating equipment, except electric	3433	42.2	42.9	43.6	43.3	-	4.3	4.2	5.8	6.1	-
Fabricated structural metal products	344	42.5	43.0	42.5	42.8	-	5.1	5.1	5.0	5.0	-
Fabricated structural metal	3441	43.7	44.2	43.7	44.0	-	5.8	6.0	6.3	6.2	-
Metal doors, sash, and trim	3442	41.1	41.3	41.9	41.8	-	3.7	3.1	4.3	4.2	-
Fabricated plate work (boiler shops)	3443	43.7	44.5	42.8	43.9	-	6.1	6.4	5.0	5.5	-
Sheet metal work	3444	41.7	42.0	41.9	41.9	-	4.4	4.5	4.3	4.3	-
Architectural metal work	3446	40.9	42.0	41.3	41.0	-	3.4	3.7	3.7	3.5	-
Screw machine products, bolts, etc	345	43.2	43.6	43.7	43.9	-	5.4	5.4	5.7	5.6	-
Screw machine products	3451	42.7	43.0	42.9	42.9	-	5.0	5.0	5.0	4.8	-
Bolts, nuts, rivets, and washers	3452	43.8	44.3	44.7	45.0	-	5.8	5.9	6.5	6.6	-
Metal forgings and stampings	346	44.5	44.7	43.7	43.9	-	6.0	6.4	5.5	5.8	-
Iron and steel forgings	3462	43.6	43.8	44.1	44.4	-	5.1	5.9	5.7	6.1	-
Automotive stampings	3465	45.9	46.3	44.3	44.4	-	7.0	7.7	5.8	6.3	-
Metal stampings, nec	3469	42.8	42.3	42.5	42.7	-	4.6	4.4	4.6	4.8	-
Metal services, nec	347	41.6	41.8	42.3	42.1	-	4.5	4.5	4.9	4.9	-
Plating and polishing	3471	41.5	41.3	41.9	41.7	-	4.4	4.3	4.5	4.6	-
Metal coating and allied services	3479	41.9	42.5	42.9	42.8	-	4.7	4.8	5.5	5.3	-
Ordnance and accessories, nec	348	41.9	42.3	41.9	41.5	-	3.7	4.1	3.3	3.5	-
Ammunition, except for small arms, nec	3483	42.1	42.0	43.6	42.2	-	3.4	3.2	3.4	3.7	-
Misc. fabricated metal products	349	42.2	42.7	42.1	42.4	-	4.5	4.8	4.2	4.5	-
Valves and pipe fittings, nec	3494	42.2	43.1	42.2	42.6	-	4.2	4.3	4.2	4.9	-
Misc. fabricated wire products	3496	41.1	41.6	41.3	40.8	-	3.7	4.0	3.6	4.1	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
Durable goods—Continued											
Stone, clay, and glass products	32	\$12.56	\$12.53	\$12.91	\$12.93	\$12.93	\$542.59	\$533.78	\$568.04	\$561.16	\$558.58
Flat glass	321	17.51	17.60	18.62	18.29	-	768.69	779.68	882.59	824.88	-
Glass and glassware, pressed or blown	322	14.43	14.20	14.60	14.65	-	624.82	616.28	624.88	628.49	-
Glass containers	3221	14.48	14.59	15.36	15.26	-	644.36	658.01	683.52	676.02	-
Pressed and blown glass, nec	3229	14.38	13.87	14.02	14.20	-	608.27	583.93	583.23	596.40	-
Products of purchased glass	323	11.01	11.03	11.53	11.75	-	469.03	474.29	484.26	491.15	-
Cement, hydraulic	324	16.78	16.53	17.06	17.65	-	756.78	725.67	754.05	796.02	-
Structural clay products	325	11.22	11.07	11.33	11.41	-	466.75	458.30	473.59	480.36	-
Pottery and related products	326	10.71	10.97	11.03	11.11	-	448.75	451.96	462.16	463.29	-
Concrete, gypsum, and plaster products	327	12.05	11.95	12.46	12.34	-	529.00	504.29	575.65	549.13	-
Concrete block and brick	3271	11.05	11.03	12.00	11.75	-	492.83	490.84	567.60	539.33	-
Concrete products, nec	3272	10.79	10.96	11.00	10.89	-	468.29	469.09	490.60	476.98	-
Ready-mixed concrete	3273	12.83	12.51	13.26	13.13	-	555.54	504.15	617.92	577.72	-
Misc. nonmetallic mineral products	329	13.03	13.09	13.36	13.39	-	564.20	568.11	566.46	578.45	-
Abrasive products	3291	11.36	11.49	11.45	11.43	-	475.98	480.28	482.05	492.63	-
Asbestos products	3292	15.65	15.41	15.62	15.52	-	701.12	710.40	715.40	712.37	-
Primary metal industries	33	14.73	14.70	15.10	15.20	15.21	652.54	652.68	670.44	676.40	684.45
Blast furnaces and basic steel products	331	17.55	17.35	17.99	18.12	18.13	782.73	773.81	798.76	819.02	814.04
Blast furnaces and steel mills	3312	18.98	18.68	19.62	19.71	-	852.20	840.60	877.01	902.72	-
Steel pipe and tubes	3317	13.77	13.92	13.94	14.12	-	604.50	625.01	623.12	622.69	-
Iron and steel foundries	332	13.30	13.36	13.60	13.62	-	589.19	589.18	616.08	612.90	-
Gray and ductile iron foundries	3321	13.99	14.10	14.44	14.49	-	626.75	624.63	665.68	660.74	-
Malleable iron foundries	3322	16.57	16.18	16.54	16.31	-	734.05	703.83	764.15	733.95	-
Steel foundries, nec	3325	12.09	12.20	12.45	12.35	-	518.66	528.26	532.86	537.23	-
Primary nonferrous metals	333	16.02	15.97	16.55	16.79	-	695.27	697.89	711.65	727.01	-
Primary aluminum	3334	15.79	15.78	16.93	17.15	-	682.13	686.43	717.83	725.45	-
Nonferrous rolling and drawing	335	13.85	13.88	14.24	14.35	-	628.79	627.38	637.95	641.45	-
Copper rolling and drawing	3351	13.57	13.80	14.27	14.27	-	631.01	630.66	653.57	649.29	-
Aluminum sheet, plate, and foil	3353	15.91	15.77	16.42	16.90	-	776.41	753.81	750.39	787.54	-
Nonferrous wire drawing and insulating	3357	14.10	14.15	14.35	14.37	-	626.04	624.02	634.27	639.47	-
Nonferrous foundries (castings)	336	11.58	11.69	11.96	11.94	-	493.31	506.18	516.67	511.03	-
Aluminum foundries	3365	10.83	11.01	11.31	11.44	-	463.52	471.23	496.51	493.06	-
Fabricated metal products	34	12.24	12.39	12.52	12.60	12.77	523.87	535.25	534.60	540.54	559.33
Metal cans and shipping containers	341	15.91	16.04	15.87	16.00	-	685.72	684.91	668.13	697.60	-
Metal cans	3411	16.89	16.97	16.71	16.86	-	736.40	736.50	708.50	741.84	-
Cutlery, handtools, and hardware	342	12.27	12.35	12.66	12.63	-	526.38	532.29	541.85	545.62	-
Hand and edge tools, and blades and handsaws	3423,5	11.48	11.40	11.78	11.79	-	493.64	491.34	508.90	512.87	-
Hardware, nec	3429	12.35	12.51	12.70	12.63	-	522.41	536.68	535.94	538.04	-
Plumbing and heating, except electric	343	10.95	11.12	11.44	11.58	-	464.28	484.83	487.34	490.99	-
Plumbing fixture fittings and trim	3432	10.44	10.48	11.09	11.16	-	442.66	455.88	473.54	481.00	-
Heating equipment, except electric	3433	11.10	11.11	11.69	11.83	-	468.42	476.62	509.68	512.24	-
Fabricated structural metal products	344	11.49	11.64	11.83	11.88	-	488.33	500.52	502.78	508.46	-
Fabricated structural metal	3441	11.45	11.55	11.91	12.01	-	500.37	510.51	520.47	528.44	-
Metal doors, sash, and trim	3442	9.78	9.85	10.04	10.18	-	401.96	406.81	420.68	425.52	-
Fabricated plate work (boiler shops)	3443	12.88	13.02	13.10	13.13	-	562.86	579.39	560.68	576.41	-
Sheet metal work	3444	11.69	11.86	12.12	12.09	-	487.47	498.12	507.83	506.57	-
Architectural metal work	3446	10.55	10.97	11.08	11.24	-	431.50	460.74	457.60	460.84	-
Screw machine products, bolts, etc	345	12.14	12.22	12.61	12.55	-	524.45	532.79	551.06	550.95	-
Screw machine products	3451	11.46	11.52	11.97	11.89	-	489.34	495.36	513.51	510.08	-
Bolts, nuts, rivets, and washers	3452	12.92	13.00	13.30	13.25	-	565.90	575.90	594.51	596.25	-
Metal forgings and stampings	346	14.28	14.54	14.49	14.70	-	635.46	649.94	633.21	645.33	-
Iron and steel forgings	3462	13.67	13.98	14.05	14.22	-	596.01	612.32	619.61	631.37	-
Automotive stampings	3465	16.17	16.58	16.40	16.80	-	742.20	767.65	726.52	745.92	-
Metal stampings, nec	3469	11.61	11.61	11.94	11.95	-	496.91	491.10	507.45	510.27	-
Metal services, nec	347	10.17	10.40	10.54	10.57	-	423.07	434.72	445.84	445.00	-
Plating and polishing	3471	10.07	10.31	10.37	10.36	-	417.91	425.80	434.50	432.01	-
Metal coating and allied services	3479	10.32	10.55	10.81	10.91	-	432.41	448.38	463.75	466.95	-
Ordnance and accessories, nec	348	14.18	14.15	14.48	14.51	-	594.14	598.55	606.71	602.17	-
Ammunition, except for small arms, nec	3483	15.05	14.90	15.54	15.68	-	633.61	625.80	677.54	661.70	-
Misc. fabricated metal products	349	11.63	11.75	11.94	12.01	-	490.79	501.73	502.67	509.22	-
Valves and pipe fittings, nec	3494	11.82	12.03	12.19	12.22	-	498.80	518.49	514.42	520.57	-
Misc. fabricated wire products	3496	10.37	10.44	10.47	10.67	-	426.21	434.30	432.41	435.34	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P
Durable goods—Continued											
Industrial machinery and equipment	35	43.6	44.1	42.9	43.2	44.4	5.2	5.6	4.8	5.1	-
Engines and turbines	351	45.1	45.8	44.0	44.6	-	4.7	5.6	5.3	5.8	-
Turbines and turbine generator sets	3511	41.9	43.2	42.3	43.0	-	5.0	5.5	5.1	5.9	-
Internal combustion engines, nec	3519	46.3	46.8	44.6	45.2	-	4.6	5.7	5.4	5.8	-
Farm and garden machinery	352	41.3	42.4	42.3	42.5	-	3.2	4.2	4.4	4.6	-
Farm machinery and equipment	3523	41.7	42.5	42.7	42.9	-	3.5	4.4	5.0	5.0	-
Construction and related machinery	353	44.7	45.1	43.4	44.6	-	5.7	6.0	5.3	6.1	-
Construction machinery	3531	43.3	43.4	42.2	42.8	-	4.5	5.0	4.4	4.8	-
Mining machinery	3532	43.3	44.1	43.1	44.0	-	4.7	5.5	4.7	5.3	-
Oil and gas field machinery	3533	48.9	49.0	48.3	50.2	-	8.7	9.0	9.2	10.1	-
Conveyors and conveying equipment	3535	43.8	44.2	42.3	43.5	-	6.0	5.8	4.7	6.0	-
Industrial trucks and tractors	3537	43.8	44.0	40.7	41.4	-	4.5	4.8	3.1	3.9	-
Metalworking machinery	354	44.0	44.3	43.7	43.7	-	6.3	6.4	5.9	6.0	-
Machine tools, metal cutting types	3541	45.1	45.3	44.4	44.1	-	6.7	6.5	5.8	6.1	-
Machine tools, metal forming types	3542	46.6	47.1	43.4	44.6	-	7.6	7.6	5.5	6.2	-
Special dies, tools, jigs, and fixtures	3544	43.9	44.4	44.0	43.7	-	6.7	6.9	6.6	6.6	-
Machine tool accessories	3545	43.4	44.0	43.0	43.3	-	5.1	5.4	4.8	4.8	-
Power driven handtools	3546	41.7	39.5	40.6	41.6	-	4.1	3.8	3.6	4.4	-
Special industry machinery	355	43.3	43.8	42.7	42.8	-	5.3	5.5	4.6	4.9	-
Textile machinery	3552	41.8	41.9	42.4	42.3	-	3.7	3.7	4.1	3.6	-
Printing trades machinery	3555	43.4	43.9	41.0	41.7	-	5.1	5.5	3.6	4.3	-
Food products machinery	3556	42.3	43.1	43.0	42.5	-	4.9	5.3	4.9	4.5	-
General industrial machinery	356	43.9	44.2	42.6	43.1	-	5.1	5.7	4.7	5.0	-
Pumps and pumping equipment	3561	42.3	44.3	42.1	42.5	-	4.7	5.9	4.7	5.2	-
Ball and roller bearings	3562	45.8	45.9	43.4	43.3	-	6.4	6.7	5.7	5.6	-
Air and gas compressors	3563	45.0	44.0	43.3	42.9	-	4.8	5.2	5.4	4.8	-
Blowers and fans	3564	43.9	43.8	43.2	43.7	-	4.3	5.0	3.9	4.5	-
Speed changers, drives, and gears	3566	44.1	42.6	42.1	43.5	-	5.8	5.9	4.8	5.2	-
Power transmission equipment, nec	3568	42.8	43.6	41.4	41.6	-	4.7	5.0	4.4	4.5	-
Computer and office equipment	357	43.1	43.5	41.6	41.5	-	4.1	4.3	2.7	2.8	-
Electronic computers	3571	43.8	44.2	42.2	41.2	-	4.1	4.4	1.7	1.4	-
Computer terminals, calculators, and office machines, nec	3575,8,9	42.8	43.1	40.5	40.4	-	4.7	4.8	3.8	3.4	-
Refrigeration and service machinery	358	43.6	44.4	43.0	42.5	-	4.8	5.6	4.3	4.4	-
Refrigeration and heating equipment	3585	44.0	44.4	43.4	42.3	-	5.0	5.4	4.4	4.3	-
Misc. industrial and commercial machinery	359	43.3	43.5	42.8	43.2	-	5.5	5.6	5.2	5.5	-
Carburetors, pistons, rings, valves	3592	45.5	45.7	42.4	42.3	-	5.8	5.8	4.9	5.3	-
Scales, balances, and industrial machinery, nec	3596,9	43.2	43.2	42.7	43.0	-	5.7	5.6	5.2	5.5	-
Electronic and other electrical equipment	36	42.3	42.3	41.7	42.1	42.9	4.5	4.6	4.1	4.4	-
Electric distribution equipment	361	42.0	41.7	41.5	42.0	-	4.1	4.5	4.2	4.4	-
Transformers, except electronic	3612	41.5	41.0	41.3	41.4	-	3.2	3.5	3.4	3.4	-
Switchgear and switchboard apparatus	3613	42.6	42.5	41.6	42.7	-	5.1	5.6	5.0	5.5	-
Electrical industrial apparatus	362	41.6	42.2	41.3	41.7	-	3.9	4.5	3.5	3.7	-
Motors and generators	3621	41.2	42.2	41.4	41.3	-	3.7	4.5	3.4	3.3	-
Relays and industrial controls	3625	41.3	41.9	40.4	41.5	-	4.3	4.3	3.5	4.1	-
Household appliances	363	41.4	41.2	41.7	42.2	-	3.0	3.1	2.9	3.4	-
Household refrigerators and freezers	3632	41.8	40.5	40.0	42.0	-	1.8	1.9	.9	1.5	-
Household laundry equipment	3633	38.1	39.4	44.0	42.9	-	2.5	3.5	3.0	3.2	-
Electric housewares and fans	3634	42.0	41.6	42.7	42.9	-	3.8	3.2	4.6	4.4	-
Electric lighting and wiring equipment	364	41.6	41.9	42.6	42.8	-	3.8	4.1	4.5	4.7	-
Electric lamps	3641	44.6	43.4	44.4	45.2	-	4.5	3.7	4.9	5.7	-
Current-carrying wiring devices	3643	40.9	41.2	41.5	42.4	-	3.7	4.0	4.0	4.5	-
Noncurrent-carrying wiring devices	3644	41.4	42.7	42.0	43.6	-	2.4	3.4	3.5	4.3	-
Residential lighting fixtures	3645	39.9	40.8	41.6	40.5	-	2.6	3.3	4.4	3.4	-
Household audio and video equipment	365	41.3	40.3	41.0	41.2	-	5.0	4.1	4.7	4.8	-
Household audio and video equipment	3651	42.0	41.5	40.8	41.4	-	4.3	3.9	3.8	4.1	-
Communications equipment	366	43.6	44.2	42.5	42.8	-	3.9	4.6	3.9	4.0	-
Telephone and telegraph apparatus	3661	46.6	46.7	43.6	43.9	-	4.8	5.4	4.3	4.3	-
Electronic components and accessories	367	42.3	42.0	40.9	41.6	-	5.2	5.0	4.1	4.6	-
Electron tubes	3671	39.7	39.8	40.1	40.7	-	4.4	3.4	4.2	4.7	-
Semiconductors and related devices	3674	41.8	40.7	40.2	40.3	-	5.6	5.4	4.4	4.8	-
Electronic components, nec	3679	42.7	42.4	41.2	42.4	-	4.8	4.8	3.4	4.3	-
Misc. electrical equipment and supplies	369	43.4	43.4	42.9	42.9	-	5.6	5.8	5.0	5.1	-
Storage batteries	3691	46.0	45.4	44.0	44.8	-	7.4	7.1	6.1	6.4	-
Engine electrical equipment	3694	42.6	42.7	43.0	42.5	-	5.3	5.5	5.1	4.9	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
		Durable goods—Continued									
Industrial machinery and equipment	35	\$13.39	\$13.47	\$13.71	\$13.81	\$14.02	\$583.80	\$594.03	\$588.16	\$596.59	\$622.49
Engines and turbines	351	16.29	16.54	16.46	16.58	-	734.68	757.53	724.24	739.47	-
Turbines and turbine generator sets	3511	18.17	18.31	18.88	18.98	-	761.32	790.99	798.62	816.14	-
Internal combustion engines, nec	3519	15.68	15.94	15.60	15.74	-	725.98	745.99	695.76	711.45	-
Farm and garden machinery	352	13.04	12.97	13.89	13.89	-	538.55	549.93	587.55	590.33	-
Farm machinery and equipment	3523	13.94	13.88	14.72	14.74	-	581.30	589.90	628.54	632.35	-
Construction and related machinery	353	12.89	12.93	13.11	13.20	-	576.18	583.14	568.97	588.72	-
Construction machinery	3531	13.36	13.45	13.35	13.41	-	578.49	583.73	563.37	573.95	-
Mining machinery	3532	13.82	14.03	14.28	14.46	-	598.41	618.72	615.47	636.24	-
Oil and gas field machinery	3533	12.35	12.36	12.87	12.96	-	603.92	605.64	621.62	650.59	-
Conveyors and conveying equipment	3535	12.74	12.82	13.17	13.36	-	558.01	566.64	557.09	581.16	-
Industrial trucks and tractors	3537	12.04	12.11	12.24	12.33	-	527.35	532.84	498.17	510.46	-
Metalworking machinery	354	14.14	14.26	14.57	14.62	-	622.16	631.72	636.71	638.89	-
Machine tools, metal cutting types	3541	14.27	14.33	14.35	14.49	-	643.58	649.15	637.14	639.01	-
Machine tools, metal forming types	3542	14.56	14.60	15.23	15.31	-	678.50	687.66	660.98	682.83	-
Special dies, tools, jigs, and fixtures	3544	14.75	14.84	15.20	15.22	-	647.53	658.90	668.80	665.11	-
Machine tool accessories	3545	12.40	12.58	12.83	12.87	-	538.16	553.52	551.69	557.27	-
Power driven handtools	3546	11.93	11.94	12.14	12.29	-	497.48	471.63	492.88	511.26	-
Special industry machinery	355	13.84	13.92	14.09	14.24	-	599.27	609.70	601.64	609.47	-
Textile machinery	3552	11.76	11.95	12.35	12.37	-	491.57	500.71	523.64	523.25	-
Printing trades machinery	3555	15.42	15.68	15.01	15.26	-	669.23	688.35	615.41	636.34	-
Food products machinery	3556	13.71	13.79	13.87	14.03	-	579.93	594.35	596.41	596.28	-
General industrial machinery	356	13.17	13.17	13.46	13.60	-	578.16	582.11	573.40	586.16	-
Pumps and pumping equipment	3561	14.21	14.24	14.27	14.50	-	601.08	630.83	600.77	616.25	-
Ball and roller bearings	3562	14.21	14.17	14.57	14.70	-	650.82	650.40	632.34	636.51	-
Air and gas compressors	3563	13.73	13.31	13.98	14.06	-	617.85	585.64	605.33	603.17	-
Blowers and fans	3564	10.83	10.91	11.20	11.41	-	475.44	477.86	483.84	498.62	-
Speed changers, drives, and gears	3566	14.26	14.30	14.44	14.45	-	628.87	609.18	607.92	628.58	-
Power transmission equipment, nec	3568	12.82	12.82	13.11	13.11	-	548.70	556.95	542.75	543.11	-
Computer and office equipment	357	13.50	13.67	14.00	14.11	-	581.85	594.65	582.40	585.57	-
Electronic computers	3571	14.77	14.96	15.30	15.55	-	646.93	661.23	645.66	640.66	-
Computer terminals, calculators, and office machines, nec	3575,8,9	13.70	14.07	13.47	13.15	-	586.36	606.42	545.54	531.26	-
Refrigeration and service machinery	358	12.26	12.40	12.39	12.47	-	534.54	550.56	532.77	529.98	-
Refrigeration and heating equipment	3585	12.55	12.60	12.64	12.74	-	552.20	559.44	548.58	538.90	-
Misc. industrial and commercial machinery	359	12.96	13.03	13.24	13.34	-	561.17	566.81	566.67	576.29	-
Carburetors, pistons, rings, valves	3592	13.75	13.87	14.06	14.06	-	625.63	633.86	596.14	594.74	-
Scales, balances, and industrial machinery, nec	3596,9	12.70	12.78	13.02	13.12	-	548.64	552.10	555.95	564.16	-
Electronic and other electrical equipment	36	11.83	11.93	12.32	12.34	12.53	500.41	504.64	513.74	519.51	537.54
Electric distribution equipment	361	11.49	11.61	12.11	12.28	-	482.58	484.14	502.57	515.76	-
Transformers, except electronic	3612	10.55	10.74	11.24	11.30	-	437.83	440.34	464.21	467.82	-
Switchgear and switchboard apparatus	3613	12.43	12.47	12.98	13.25	-	529.52	529.98	539.97	565.78	-
Electrical industrial apparatus	362	11.25	11.33	11.69	11.69	-	468.00	478.13	482.80	487.47	-
Motors and generators	3621	10.55	10.72	10.99	10.98	-	434.66	452.38	454.99	453.47	-
Relays and industrial controls	3625	12.75	12.70	12.95	12.96	-	526.58	532.13	523.18	537.84	-
Household appliances	363	11.74	11.76	12.15	12.17	-	486.04	484.51	506.66	513.57	-
Household refrigerators and freezers	3632	13.57	13.45	13.84	13.59	-	567.23	544.73	553.60	570.78	-
Household laundry equipment	3633	13.52	13.79	13.99	14.08	-	515.11	543.33	615.56	604.03	-
Electric housewares and fans	3634	9.26	9.36	9.86	9.77	-	388.92	389.38	421.02	419.13	-
Electric lighting and wiring equipment	364	11.81	11.91	12.42	12.51	-	491.30	499.03	529.09	535.43	-
Electric lamps	3641	12.63	13.05	14.94	15.04	-	563.30	566.37	663.34	679.81	-
Current-carrying wiring devices	3643	11.89	11.93	12.45	12.65	-	486.30	491.52	516.68	536.36	-
Noncurrent-carrying wiring devices	3644	11.00	11.08	11.35	11.48	-	455.40	473.12	476.70	500.53	-
Residential lighting fixtures	3645	8.70	8.67	8.81	8.77	-	347.13	353.74	366.50	355.19	-
Household audio and video equipment	365	10.86	10.91	10.27	10.35	-	448.52	439.67	421.07	426.42	-
Household audio and video equipment	3651	11.17	11.18	10.40	10.44	-	469.14	463.97	424.32	432.22	-
Communications equipment	366	12.23	12.42	13.36	13.35	-	533.23	548.96	567.80	571.38	-
Telephone and telegraph apparatus	3661	13.65	13.94	14.58	14.44	-	636.09	651.00	635.69	633.92	-
Electronic components and accessories	367	11.63	11.76	12.14	12.11	-	491.95	493.92	496.53	503.78	-
Electron tubes	3671	13.30	13.52	13.65	13.60	-	528.01	538.10	547.37	553.52	-
Semiconductors and related devices	3674	14.81	14.97	15.72	15.74	-	619.06	609.28	631.94	634.32	-
Electronic components, nec	3679	9.84	9.95	10.10	10.23	-	420.17	421.88	416.12	433.75	-
Misc. electrical equipment and supplies	369	13.30	13.31	13.45	13.50	-	577.22	577.65	577.01	579.15	-
Storage batteries	3691	14.87	14.73	14.99	14.97	-	684.02	668.74	659.56	670.66	-
Engine electrical equipment	3694	13.78	13.74	13.62	13.67	-	587.03	586.70	585.66	580.98	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p
Durable goods—Continued											
Transportation equipment	37	44.3	43.9	44.2	44.5	45.6	6.1	6.3	5.9	6.5	-
Motor vehicles and equipment	371	45.4	45.5	45.0	45.1	46.6	6.9	7.1	6.4	6.8	-
Motor vehicles and car bodies	3711	45.9	45.6	45.9	45.7	-	7.0	7.3	6.8	7.2	-
Truck and bus bodies	3713	42.9	44.7	42.8	42.0	-	5.2	6.5	4.6	4.4	-
Motor vehicle parts and accessories	3714	45.7	45.9	45.0	45.5	-	7.3	7.5	6.7	7.1	-
Truck trailers	3715	41.4	40.9	39.7	40.8	-	4.1	3.5	2.8	3.1	-
Aircraft and parts	372	42.3	39.3	43.9	44.6	-	5.7	5.4	6.1	7.9	-
Aircraft	3721	41.1	34.0	43.2	43.7	-	5.1	4.1	5.4	8.3	-
Aircraft engines and engine parts	3724	45.3	46.2	44.7	45.2	-	6.6	6.8	7.1	8.0	-
Aircraft parts and equipment, nec	3728	41.3	41.8	44.3	45.4	-	5.6	6.1	6.4	7.2	-
Ship and boat building and repairing	373	41.4	42.7	41.8	42.4	-	4.2	4.4	4.2	4.3	-
Ship building and repairing	3731	42.3	43.5	43.1	44.0	-	4.8	4.9	5.1	5.3	-
Boat building and repairing	3732	39.8	41.3	40.0	39.8	-	3.1	3.7	2.9	2.9	-
Railroad equipment	374	45.1	44.8	45.2	44.4	-	5.1	4.7	5.8	4.8	-
Guided missiles, space vehicles, and parts	376	43.9	43.9	43.5	43.9	-	4.4	4.8	4.0	4.3	-
Guided missiles and space vehicles	3761	44.6	44.5	44.2	44.4	-	4.4	5.3	4.1	4.2	-
Misc. transportation equipment	379	39.3	39.7	38.3	38.4	-	2.2	2.4	2.7	2.7	-
Travel trailers and campers	3792	38.1	38.0	37.8	37.8	-	1.5	1.5	1.9	1.7	-
Instruments and related products	38	41.8	42.1	41.7	42.1	42.9	3.7	4.0	3.8	4.0	-
Search and navigation equipment	381	42.5	42.5	43.3	43.2	-	3.6	4.2	3.7	4.0	-
Measuring and controlling devices	382	42.3	43.1	41.7	42.3	-	3.4	3.9	3.4	3.7	-
Environmental controls	3822	42.7	43.2	41.3	42.2	-	3.7	4.0	3.6	3.9	-
Process control instruments	3823	43.1	44.8	42.3	42.9	-	3.4	4.5	3.6	4.1	-
Instruments to measure electricity	3825	41.2	42.3	40.7	41.2	-	2.7	3.2	2.5	3.0	-
Medical instruments and supplies	384	41.1	41.3	41.2	41.5	-	3.3	3.6	3.2	3.4	-
Surgical and medical instruments	3841	41.2	41.3	40.9	41.3	-	3.5	3.6	3.1	3.2	-
Surgical appliances and supplies	3842	40.6	40.5	40.9	41.3	-	3.3	3.5	3.4	3.7	-
Ophthalmic goods	385	39.0	39.9	39.7	41.0	-	1.4	2.2	2.1	2.7	-
Photographic equipment and supplies	386	43.3	42.7	43.2	43.4	-	8.2	7.2	8.7	8.2	-
Watches, clocks, watchcases, and parts	387	42.8	42.1	41.7	41.7	-	3.8	3.4	3.1	2.9	-
Miscellaneous manufacturing industries	39	40.4	40.1	40.3	40.6	41.0	3.4	3.3	3.6	3.7	-
Jewelry, silverware, and plated ware	391	39.8	39.1	40.5	41.0	-	3.4	3.2	3.8	4.0	-
Jewelry, precious metal	3911	39.1	38.4	40.2	40.8	-	3.2	3.3	4.1	4.3	-
Musical instruments	393	43.0	42.8	39.9	41.2	-	4.7	4.0	2.6	2.7	-
Toys and sporting goods	394	40.3	39.7	39.9	40.6	-	3.2	3.1	3.0	3.2	-
Dolls, games, toys, and children's vehicles	3942,4	40.7	38.3	38.5	38.7	-	3.5	2.2	2.7	3.1	-
Sporting and athletic goods, nec	3949	40.1	40.4	40.6	41.6	-	3.0	3.5	3.1	3.2	-
Pens, pencils, office, and art supplies	395	40.0	39.4	40.2	41.1	-	2.7	2.6	3.1	3.8	-
Costume jewelry and notions	396	39.4	40.1	41.3	40.7	-	2.4	2.5	3.9	3.9	-
Costume jewelry	3961	39.0	39.6	42.1	40.8	-	2.2	2.1	4.6	4.4	-
Miscellaneous manufactures	399	40.7	40.6	40.4	40.3	-	3.8	3.7	4.1	4.0	-
Signs and advertising specialties	3993	41.2	40.4	41.2	40.8	-	4.3	3.8	4.6	4.3	-
Nondurable goods		40.8	40.8	40.9	41.2	41.7	4.2	4.1	4.4	4.4	4.6
Food and kindred products	20	41.4	41.3	41.6	41.8	42.1	5.0	4.7	5.2	5.3	-
Meat products	201	41.0	40.3	40.8	41.4	-	5.0	4.4	4.4	5.1	-
Meat packing plants	2011	44.8	43.0	43.1	44.0	-	6.8	5.6	5.5	6.3	-
Sausages and other prepared meats	2013	42.8	41.5	42.4	42.7	-	5.9	5.3	5.7	6.1	-
Poultry slaughtering and processing	2015	38.3	38.4	39.0	39.4	-	3.6	3.4	3.3	4.0	-
Dairy products	202	42.3	42.0	41.3	41.4	-	5.2	4.8	4.7	4.9	-
Cheese, natural and processed	2022	41.7	40.9	41.1	40.7	-	4.8	4.4	4.6	4.5	-
Fluid milk	2026	42.7	42.6	42.1	43.0	-	5.5	5.1	4.9	5.4	-
Preserved fruits and vegetables	203	40.5	41.1	42.2	40.5	-	4.1	4.4	6.0	4.4	-
Canned specialties	2032	44.2	44.4	44.8	43.3	-	5.5	6.2	7.6	5.1	-
Canned fruits and vegetables	2033	38.8	39.2	42.7	40.6	-	3.1	3.0	7.0	4.1	-
Frozen fruits and vegetables	2037	40.0	39.0	41.6	39.1	-	3.9	3.4	5.0	4.0	-
Grain mill products	204	46.1	45.5	46.4	47.3	-	7.9	7.2	8.5	8.7	-
Flour and other grain mill products	2041	47.4	46.3	45.1	47.3	-	8.3	7.4	8.2	8.7	-
Prepared feeds, nec	2048	43.8	43.5	45.6	45.4	-	7.1	6.8	7.5	7.3	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
Durable goods—Continued											
Transportation equipment	37	\$16.82	\$16.92	\$17.30	\$17.37	\$17.60	\$745.13	\$742.79	\$764.66	\$772.97	\$802.56
Motor vehicles and equipment	371	17.55	17.60	17.81	17.92	18.18	796.77	800.80	801.45	808.19	847.19
Motor vehicles and car bodies	3711	20.56	20.58	21.12	21.28	-	943.70	938.45	969.41	972.50	-
Truck and bus bodies	3713	14.87	14.77	14.89	14.86	-	637.92	660.22	637.29	624.12	-
Motor vehicle parts and accessories	3714	16.47	16.46	16.40	16.52	-	752.68	755.51	738.00	751.66	-
Truck trailers	3715	10.67	10.65	10.94	11.04	-	441.74	435.59	434.32	450.43	-
Aircraft and parts	372	17.65	17.85	18.71	18.71	-	746.59	701.51	821.37	834.47	-
Aircraft	3721	(^b)	(^b)	(^b)	(^b)	-	-	-	-	-	-
Aircraft engines and engine parts	3724	\$17.62	\$17.67	\$18.59	\$18.56	-	\$798.19	\$816.35	\$830.97	\$838.91	-
Aircraft parts and equipment, nec	3728	15.28	15.55	16.48	16.50	-	631.06	649.99	730.06	749.10	-
Ship and boat building and repairing	373	12.82	12.81	12.89	12.80	-	530.75	546.99	538.80	542.72	-
Ship building and repairing	3731	14.26	14.22	14.28	14.08	-	603.20	618.57	615.47	619.52	-
Boat building and repairing	3732	10.21	10.31	10.64	10.61	-	406.36	425.80	425.60	422.28	-
Railroad equipment	374	14.93	15.17	17.02	16.80	-	673.34	679.62	769.30	745.92	-
Guided missiles, space vehicles, and parts	376	17.95	18.08	18.94	19.00	-	788.01	793.71	823.89	834.10	-
Guided missiles and space vehicles	3761	(^b)	(^b)	(^b)	(^b)	-	-	-	-	-	-
Misc. transportation equipment	379	\$11.24	\$11.35	\$11.20	\$11.44	-	\$441.73	\$450.60	\$428.96	\$439.30	-
Travel trailers and campers	3792	11.32	11.28	10.93	11.23	-	431.29	428.64	413.15	424.49	-
Instruments and related products	38	12.83	12.89	13.26	13.31	13.39	536.29	542.67	552.94	560.35	574.43
Search and navigation equipment	381	16.67	16.65	16.81	16.92	-	708.48	707.63	727.87	730.94	-
Measuring and controlling devices	382	12.72	12.77	13.19	13.32	-	538.06	550.39	550.02	563.44	-
Environmental controls	3822	11.40	11.48	11.66	11.86	-	486.78	495.94	481.56	500.49	-
Process control instruments	3823	12.33	12.25	12.77	12.89	-	531.42	548.80	540.17	552.98	-
Instruments to measure electricity	3825	14.47	14.33	15.11	15.25	-	596.16	606.16	614.98	628.30	-
Medical instruments and supplies	384	11.67	11.84	12.16	12.22	-	479.64	488.99	500.99	507.13	-
Surgical and medical instruments	3841	11.22	11.41	11.48	11.54	-	462.26	471.23	469.53	476.60	-
Surgical appliances and supplies	3842	10.86	10.99	11.29	11.39	-	440.92	445.10	461.76	470.41	-
Ophthalmic goods	385	9.45	9.39	10.08	10.06	-	368.55	374.66	400.18	412.46	-
Photographic equipment and supplies	386	15.57	15.52	16.11	15.80	-	674.18	662.70	695.95	685.72	-
Watches, clocks, watchcases, and parts	387	9.05	9.41	9.47	9.51	-	387.34	396.16	394.90	396.57	-
Miscellaneous manufacturing industries	39	10.16	10.28	10.48	10.54	10.59	410.46	412.23	422.34	427.92	434.19
Jewelry, silverware, and plated ware	391	10.24	10.50	10.85	10.89	-	407.55	410.55	439.43	446.49	-
Jewelry, precious metal	3911	10.27	10.61	10.98	11.02	-	401.56	407.42	441.40	449.62	-
Musical instruments	393	10.51	10.56	10.75	10.57	-	451.93	451.97	428.93	435.48	-
Toys and sporting goods	394	9.59	9.63	9.94	10.04	-	386.48	382.31	396.61	407.62	-
Dolls, games, toys, and children's vehicles	3942,4	9.16	9.30	9.31	9.37	-	372.81	356.19	358.44	362.62	-
Sporting and athletic goods, nec	3949	9.82	9.78	10.27	10.37	-	393.78	395.11	416.96	431.39	-
Pens, pencils, office, and art supplies	395	10.95	11.08	10.83	10.94	-	438.00	436.55	435.37	449.63	-
Costume jewelry and notions	396	8.61	8.98	8.90	9.14	-	339.23	360.10	367.57	372.00	-
Costume jewelry	3961	7.39	7.85	7.81	8.04	-	288.21	310.86	328.80	328.03	-
Miscellaneous manufactures	399	10.64	10.76	10.94	10.96	-	433.05	436.86	441.98	441.69	-
Signs and advertising specialties	3993	11.21	11.24	11.51	11.44	-	461.85	454.10	474.21	466.75	-
Nondurable goods		11.73	11.84	12.01	12.11	12.26	478.58	483.07	491.21	498.93	511.24
Food and kindred products	20	11.06	11.18	11.18	11.40	11.53	457.88	461.73	465.09	476.52	485.41
Meat products	201	9.06	9.04	9.22	9.29	-	371.46	364.31	376.18	384.61	-
Meat packing plants	2011	9.67	9.63	9.99	9.99	-	433.22	414.09	430.57	439.56	-
Sausages and other prepared meats	2013	10.46	10.52	10.54	10.57	-	447.69	436.58	446.90	451.34	-
Poultry slaughtering and processing	2015	8.12	8.12	8.24	8.35	-	311.00	311.81	321.36	328.99	-
Dairy products	202	12.54	12.55	12.92	13.01	-	530.44	527.10	533.60	538.61	-
Cheese, natural and processed	2022	11.33	11.27	11.57	11.56	-	472.46	460.94	475.53	470.49	-
Fluid milk	2026	13.28	13.24	13.60	13.74	-	567.06	564.02	572.56	590.82	-
Preserved fruits and vegetables	203	10.54	10.84	10.44	10.78	-	426.87	445.52	440.57	436.59	-
Canned specialties	2032	14.20	14.22	13.79	14.24	-	627.64	631.37	617.79	616.59	-
Canned fruits and vegetables	2033	10.88	11.54	10.50	11.32	-	422.14	452.37	448.35	459.59	-
Frozen fruits and vegetables	2037	9.67	10.17	10.09	10.13	-	386.80	396.63	419.74	396.08	-
Grain mill products	204	13.87	14.09	14.26	14.41	-	639.41	641.10	661.66	681.59	-
Flour and other grain mill products	2041	12.10	12.36	12.24	12.55	-	573.54	572.27	552.02	593.62	-
Prepared feeds, nec	2048	11.00	11.06	11.14	11.22	-	481.80	481.11	507.98	509.39	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	40.4	40.0	40.7	41.7	-	4.8	4.5	5.2	5.4	-
Bread, cake, and related products	2051	40.4	39.9	40.5	40.8	-	5.3	4.8	5.2	5.4	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	40.4	40.1	41.1	43.5	-	3.9	3.9	5.1	5.5	-
Sugar and confectionery products	206	42.1	42.4	41.8	42.7	-	4.8	4.8	5.2	5.6	-
Raw cane sugar	2061	58.3	55.9	45.2	61.4	-	18.7	18.1	9.0	21.2	-
Cane sugar refining	2062	51.6	47.1	49.2	52.5	-	8.7	10.1	13.5	17.0	-
Beet sugar	2063	39.7	42.0	45.1	41.0	-	4.2	3.8	8.3	4.1	-
Candy and other confectionery products	2064	39.9	40.3	39.7	40.3	-	3.3	3.6	3.3	3.6	-
Fats and oils	207	46.6	46.5	44.6	46.1	-	7.7	7.7	6.5	7.3	-
Beverages	208	42.3	42.5	41.4	43.4	-	4.6	4.3	4.6	5.4	-
Malt beverages	2082	47.2	48.4	44.4	51.1	-	7.7	6.4	6.3	9.8	-
Bottled and canned soft drinks	2086	40.3	40.0	40.1	40.3	-	3.5	4.1	3.9	4.0	-
Misc. food and kindred products	209	39.1	39.9	40.7	39.3	-	4.0	4.0	4.7	4.3	-
Tobacco products	21	40.7	39.1	41.2	41.2	42.4	5.6	3.7	3.8	4.4	-
Cigarettes	211	42.7	38.3	40.2	41.3	-	7.6	4.2	4.1	5.1	-
Textile mill products	22	40.9	40.6	41.1	41.6	41.9	4.1	4.2	4.4	4.7	-
Broadwoven fabric mills, cotton	221	42.2	42.0	42.8	42.7	-	5.8	5.9	5.8	6.1	-
Broadwoven fabric mills, synthetics	222	40.6	41.1	41.1	41.6	-	4.2	4.3	4.7	5.0	-
Broadwoven fabric mills, wool	223	39.0	39.1	39.0	40.6	-	3.2	3.0	3.7	4.8	-
Narrow fabric mills	224	39.4	38.5	39.5	40.3	-	3.0	2.5	2.8	3.2	-
Knitting mills	225	39.6	38.7	39.9	40.7	-	3.2	3.0	3.8	3.9	-
Women's hosiery, except socks	2251	40.7	39.5	40.6	41.0	-	2.8	2.9	4.4	4.6	-
Hosiery, nec	2252	37.9	37.0	38.2	39.0	-	3.1	3.2	3.1	3.4	-
Knit outerwear mills	2253	39.9	39.8	40.2	40.7	-	3.1	3.0	3.3	3.9	-
Knit underwear mills	2254	36.8	33.7	38.9	40.1	-	1.7	1.6	4.1	2.7	-
Weft knit fabric mills	2257	41.1	39.9	41.0	42.3	-	4.0	3.5	4.8	4.6	-
Textile finishing, except wool	226	42.5	42.3	42.5	43.4	-	4.8	5.0	5.2	5.9	-
Finishing plants, cotton	2261	43.4	43.2	43.3	44.4	-	4.8	5.2	5.3	6.2	-
Finishing plants, synthetics	2262	41.5	40.9	41.4	42.5	-	4.6	4.7	4.5	5.5	-
Carpets and rugs	227	42.3	43.7	41.5	42.5	-	5.0	5.6	4.7	5.3	-
Yarn and thread mills	228	40.6	40.3	41.3	41.4	-	3.8	4.0	4.2	4.4	-
Yarn spinning mills	2281	41.1	40.7	41.8	41.8	-	4.1	4.1	4.4	4.6	-
Throwing and winding mills	2282	38.4	37.7	38.0	39.1	-	3.0	3.4	3.0	3.4	-
Miscellaneous textile goods	229	41.9	41.6	41.3	41.1	-	4.2	4.2	4.3	4.1	-
Apparel and other textile products	23	37.1	37.3	37.6	37.6	38.1	2.0	1.9	2.2	2.2	-
Men's and boys' suits and coats	231	37.3	36.7	36.8	36.6	-	1.3	1.4	1.6	1.6	-
Men's and boys' furnishings	232	36.3	36.2	37.0	37.4	-	1.4	1.3	1.6	1.6	-
Men's and boys' shirts	2321	34.6	35.0	36.2	36.5	-	1.3	1.6	1.3	1.5	-
Men's and boys' trousers and slacks	2325	36.8	36.4	36.1	36.6	-	1.2	1.1	1.3	1.3	-
Men's and boys' work clothing	2326	36.0	35.5	36.9	37.5	-	1.3	1.1	1.2	1.5	-
Women's and misses' outerwear	233	35.9	36.5	36.3	36.6	-	1.8	1.7	1.7	1.8	-
Women's and misses' blouses and shirts	2331	34.4	35.0	35.2	35.8	-	.8	.8	1.1	1.1	-
Women's, juniors', and misses' dresses	2335	36.1	36.3	38.2	37.9	-	2.2	1.7	2.0	1.9	-
Women's and misses' suits and coats	2337	34.5	34.7	34.2	34.9	-	1.7	1.5	1.7	1.6	-
Women's and misses' outerwear, nec	2339	36.3	37.1	36.3	36.8	-	1.9	1.9	1.7	1.9	-
Women's and children's undergarments	234	35.7	34.9	38.3	37.8	-	1.4	1.1	2.7	2.4	-
Women's and children's underwear	2341	35.3	34.3	38.3	37.8	-	1.2	.8	2.5	2.1	-
Brassieres, girdles, and allied garments	2342	37.1	37.1	38.4	37.6	-	2.1	2.3	3.3	3.6	-
Girls' and children's outerwear	236	37.6	37.8	37.2	37.4	-	2.4	2.6	2.2	2.5	-
Girls' and children's dresses and blouses	2361	36.8	36.4	36.5	37.0	-	2.3	2.3	2.1	2.6	-
Misc. apparel and accessories	238	37.5	37.3	38.2	38.8	-	1.6	1.2	1.9	1.9	-
Misc. fabricated textile products	239	39.4	39.8	39.8	39.0	-	3.2	3.3	3.5	3.2	-
Curtains and draperies	2391	38.2	38.5	38.2	37.9	-	2.0	2.3	1.7	2.2	-
House furnishings, nec	2392	38.4	39.1	40.3	39.2	-	2.9	3.4	4.2	3.8	-
Automotive and apparel trimmings	2396	41.0	41.5	40.1	38.8	-	3.8	3.8	3.5	3.0	-
Paper and allied products	26	43.5	43.7	43.7	44.1	44.6	5.4	5.4	5.8	5.9	-
Paper mills	262	45.3	45.9	45.9	46.2	-	6.3	6.4	7.1	7.0	-
Paperboard mills	263	45.9	45.7	44.3	44.6	-	8.1	7.0	7.3	7.5	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	\$11.82	\$12.09	\$12.21	\$12.12	-	\$477.53	\$483.60	\$496.95	\$505.40	-
Bread, cake, and related products	2051	12.04	12.24	12.32	12.29	-	486.42	488.38	498.96	501.43	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	11.43	11.81	12.02	11.82	-	461.77	473.58	494.02	514.17	-
Sugar and confectionery products	206	11.58	11.70	11.83	12.13	-	487.52	496.08	494.49	517.95	-
Raw cane sugar	2061	11.20	11.15	11.78	12.17	-	652.96	623.29	532.46	747.24	-
Cane sugar refining	2062	16.49	16.83	18.21	18.61	-	850.88	792.69	895.93	977.03	-
Beet sugar	2063	12.30	12.26	11.97	12.04	-	488.31	514.92	539.85	493.64	-
Candy and other confectionery products	2064	10.37	10.60	10.76	11.04	-	413.76	427.18	427.17	444.91	-
Fats and oils	207	11.82	11.83	11.88	12.04	-	550.81	550.10	529.85	555.04	-
Beverages	208	15.78	15.99	15.61	16.44	-	667.49	679.58	646.25	713.50	-
Malt beverages	2082	21.41	21.29	21.01	22.46	-	1,010.55	1,030.44	932.84	1,147.71	-
Bottled and canned soft drinks	2086	12.74	12.97	12.99	13.26	-	513.42	518.80	520.90	534.38	-
Misc. food and kindred products	209	10.21	10.31	10.11	10.32	-	399.21	411.37	411.48	405.58	-
Tobacco products	21	19.62	17.84	17.99	18.91	\$18.84	798.53	697.54	741.19	779.09	\$798.82
Cigarettes	211	24.77	23.98	24.47	24.78	-	1,057.68	918.43	983.69	1,023.41	-
Textile mill products	22	9.53	9.57	9.72	9.76	9.91	389.78	388.54	399.49	406.02	415.23
Broadwoven fabric mills, cotton	221	9.95	9.96	10.04	10.10	-	419.89	418.32	429.71	431.27	-
Broadwoven fabric mills, synthetics	222	10.60	10.59	10.72	10.75	-	430.36	435.25	440.59	447.20	-
Broadwoven fabric mills, wool	223	9.86	9.71	10.02	10.12	-	384.54	379.66	390.78	410.87	-
Narrow fabric mills	224	8.82	8.78	9.12	9.19	-	347.51	338.03	360.24	370.36	-
Knitting mills	225	8.73	8.74	8.89	8.86	-	345.71	338.24	354.71	360.60	-
Women's hosiery, except socks	2251	8.13	8.00	8.47	8.52	-	330.89	316.00	343.88	349.32	-
Hosiery, nec	2252	8.49	8.63	8.78	8.84	-	321.77	319.31	335.40	344.76	-
Knit outerwear mills	2253	8.19	8.20	8.35	8.31	-	326.78	326.36	335.67	338.22	-
Knit underwear mills	2254	8.85	8.99	8.86	8.72	-	325.68	302.96	344.65	349.92	-
Weft knit fabric mills	2257	9.65	9.60	9.71	9.70	-	396.62	383.04	398.11	410.31	-
Textile finishing, except wool	226	9.65	9.70	9.94	10.04	-	410.13	410.31	422.45	435.74	-
Finishing plants, cotton	2261	9.43	9.47	9.92	10.00	-	409.26	409.10	429.54	444.00	-
Finishing plants, synthetics	2262	10.10	10.17	10.27	10.39	-	419.15	415.95	425.18	441.58	-
Carpets and rugs	227	9.56	9.68	9.80	9.92	-	404.39	423.02	406.70	421.60	-
Yarn and thread mills	228	9.27	9.30	9.52	9.55	-	376.36	374.79	393.18	395.37	-
Yarn spinning mills	2281	9.26	9.27	9.47	9.51	-	380.59	377.29	395.85	397.52	-
Throwing and winding mills	2282	9.48	9.56	9.85	9.81	-	364.03	360.41	374.30	383.57	-
Miscellaneous textile goods	229	10.89	10.99	11.05	11.25	-	456.29	457.18	456.37	462.38	-
Apparel and other textile products	23	7.77	7.82	8.02	8.01	8.14	288.27	291.69	301.55	301.18	310.13
Men's and boys' suits and coats	231	8.14	8.15	8.28	8.30	-	303.62	299.11	304.70	303.78	-
Men's and boys' furnishings	232	7.24	7.28	7.51	7.51	-	262.81	263.54	277.87	280.87	-
Men's and boys' shirts	2321	7.20	7.19	7.39	7.42	-	249.12	251.65	267.52	270.83	-
Men's and boys' trousers and slacks	2325	7.18	7.32	7.60	7.61	-	264.22	266.45	274.36	278.53	-
Men's and boys' work clothing	2326	7.16	7.15	7.44	7.40	-	257.76	253.83	274.54	277.50	-
Women's and misses' outerwear	233	7.39	7.48	7.57	7.61	-	265.30	273.02	274.79	278.53	-
Women's and misses' blouses and shirts	2331	6.50	6.57	6.65	6.66	-	223.60	229.95	234.08	238.43	-
Women's, juniors', and misses' dresses	2335	8.09	8.25	8.37	8.43	-	292.05	299.48	319.73	319.50	-
Women's and misses' suits and coats	2337	7.99	8.10	7.89	7.76	-	275.66	281.07	269.84	270.82	-
Women's and misses' outerwear, nec	2339	7.24	7.32	7.43	7.50	-	262.81	271.57	269.71	276.00	-
Women's and children's undergarments	234	7.39	7.39	7.64	7.80	-	263.82	257.91	292.61	294.84	-
Women's and children's underwear	2341	7.22	7.13	7.54	7.56	-	254.87	244.56	288.78	285.77	-
Brassieres, girdles, and allied garments	2342	7.96	8.19	7.99	8.68	-	295.32	303.85	306.82	326.37	-
Girls' and children's outerwear	236	6.98	6.94	7.19	7.37	-	262.45	262.33	267.47	275.64	-
Girls' and children's dresses and blouses	2361	6.75	6.85	7.02	7.25	-	248.40	249.34	256.23	268.25	-
Misc. apparel and accessories	238	7.21	7.25	7.57	7.66	-	270.38	270.43	289.17	297.21	-
Misc. fabricated textile products	239	8.98	9.02	9.22	9.10	-	353.81	359.00	366.96	354.90	-
Curtains and draperies	2391	7.58	7.76	7.58	7.47	-	289.56	298.76	289.56	283.11	-
House furnishings, nec	2392	8.15	8.25	8.45	8.58	-	312.96	322.58	340.54	336.34	-
Automotive and apparel trimmings	2396	11.55	11.46	11.67	11.19	-	473.55	475.59	467.97	434.17	-
Paper and allied products	26	14.38	14.51	14.75	14.85	15.03	625.53	634.09	644.58	654.89	670.34
Paper mills	262	18.16	18.38	18.65	18.74	-	822.65	843.64	856.04	865.79	-
Paperboard mills	263	18.46	18.26	18.78	18.73	-	847.31	834.48	831.95	835.36	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	43.6	43.4	43.6	44.1	-	5.2	4.9	5.8	5.9	-
Corrugated and solid fiber boxes	2653	44.4	43.7	44.1	44.5	-	5.7	5.2	6.2	6.3	-
Sanitary food containers	2656	41.7	42.8	41.2	43.1	-	3.9	4.0	4.2	4.3	-
Folding paperboard boxes	2657	42.8	43.4	43.6	44.1	-	4.9	5.1	6.0	6.3	-
Misc. converted paper products	267	41.5	42.0	41.9	42.4	-	4.5	4.7	4.6	4.8	-
Paper, coated and laminated, nec	2672	42.1	42.3	43.8	44.1	-	3.8	3.9	4.4	4.4	-
Bags: plastics, laminated, and coated	2673	42.2	42.3	42.3	41.9	-	4.8	4.8	5.4	5.1	-
Envelopes	2677	41.6	41.4	41.9	42.7	-	3.6	3.6	4.1	4.8	-
Printing and publishing	27	38.7	38.5	38.4	38.7	38.9	3.4	3.2	3.5	3.6	-
Newspapers	271	33.7	33.4	33.1	33.7	-	1.7	1.4	1.3	1.7	-
Periodicals	272	37.2	36.9	36.8	36.8	-	3.1	3.2	3.4	2.9	-
Books	273	40.5	39.9	39.3	38.9	-	3.0	3.8	3.3	3.1	-
Book publishing	2731	39.8	38.5	37.4	37.4	-	1.9	2.5	1.7	1.8	-
Book printing	2732	41.2	41.4	41.3	40.6	-	4.2	5.2	5.1	4.5	-
Miscellaneous publishing	274	36.9	37.2	34.7	35.4	-	2.2	2.3	2.5	2.7	-
Commercial printing	275	40.2	39.9	40.2	40.4	-	4.1	3.8	4.4	4.3	-
Commercial printing, lithographic	2752	39.9	39.6	39.9	40.2	-	4.0	3.6	4.2	4.2	-
Commercial printing, nec	2759	40.6	40.3	40.1	40.0	-	4.1	3.8	4.1	3.9	-
Manifold business forms	276	41.7	42.6	41.4	41.8	-	3.9	4.5	4.4	4.4	-
Blankbooks and bookbinding	278	39.8	39.9	39.6	40.1	-	2.8	2.9	3.0	3.3	-
Printing trade services	279	38.9	38.6	39.2	39.5	-	3.9	3.5	4.0	4.4	-
Chemicals and allied products	28	43.4	43.9	43.2	43.7	44.3	5.0	5.0	5.0	5.2	-
Industrial inorganic chemicals	281	45.8	45.8	46.3	47.0	-	5.9	6.0	5.8	5.9	-
Industrial inorganic chemicals, nec	2819	45.5	46.4	46.3	47.1	-	6.1	6.4	5.6	6.0	-
Plastics materials and synthetics	282	44.2	44.6	44.2	44.4	-	6.0	5.6	5.7	5.6	-
Plastics materials and resins	2821	44.8	45.9	45.1	45.3	-	6.7	6.3	5.8	5.7	-
Organic fibers, noncellulosic	2824	45.9	45.9	44.8	44.9	-	5.6	5.2	5.6	5.3	-
Drugs	283	42.0	42.7	41.5	41.9	-	4.3	4.3	4.3	4.8	-
Pharmaceutical preparations	2834	41.8	42.6	41.6	42.0	-	4.1	4.0	4.1	4.6	-
Soap, cleaners, and toilet goods	284	41.0	42.4	40.5	41.7	-	3.2	3.6	3.6	3.6	-
Soap and other detergents	2841	42.6	43.9	41.8	41.7	-	3.6	4.1	4.2	3.8	-
Polishing, sanitation, and finishing preparations	2842,3	39.8	40.9	41.0	41.6	-	2.7	3.1	3.6	3.9	-
Toilet preparations	2844	40.8	42.3	39.6	41.8	-	3.2	3.7	3.3	3.3	-
Paints and allied products	285	42.6	43.3	42.6	42.8	-	3.1	3.5	4.5	4.1	-
Industrial organic chemicals	286	45.7	45.3	44.7	45.1	-	6.5	6.5	6.1	6.3	-
Cyclic crudes and intermediates	2865	45.8	45.9	45.1	45.1	-	7.0	6.9	6.2	6.2	-
Industrial organic chemicals, nec	2869	45.7	45.2	44.5	45.1	-	6.4	6.4	6.0	6.3	-
Agricultural chemicals	287	45.1	44.8	45.2	45.5	-	6.2	6.3	6.3	6.3	-
Miscellaneous chemical products	289	43.5	44.2	43.2	43.8	-	4.8	4.9	5.1	5.3	-
Petroleum and coal products	29	43.8	43.2	43.6	44.0	44.4	6.2	5.7	6.4	6.3	-
Petroleum refining	291	43.5	43.2	42.8	44.2	-	5.9	5.6	4.9	5.5	-
Asphalt paving and roofing materials	295	45.0	43.3	46.1	44.2	-	7.5	6.1	10.8	9.0	-
Rubber and misc. plastics products	30	41.8	42.2	41.6	41.6	42.7	4.2	4.4	4.3	4.4	-
Tires and inner tubes	301	44.8	44.5	43.3	42.8	-	6.3	5.7	5.9	6.0	-
Rubber and plastics footwear	302	39.8	40.2	39.8	40.9	-	2.4	2.4	.4	1.6	-
Hose, belting, gaskets, and packing	305	42.0	42.3	42.4	42.5	-	4.1	4.3	4.6	4.8	-
Rubber and plastics hose and belting	3052	42.7	42.8	43.2	43.4	-	3.9	3.8	5.3	5.3	-
Fabricated rubber products, nec	306	41.5	42.4	42.4	42.7	-	3.9	4.2	4.4	4.6	-
Miscellaneous plastics products, nec	308	41.5	41.9	41.2	41.3	-	4.1	4.3	4.2	4.2	-
Leather and leather products	31	38.0	38.1	39.0	39.5	39.5	1.9	1.9	2.4	2.5	-
Leather tanning and finishing	311	40.9	41.6	43.4	43.2	-	5.0	5.3	6.3	5.9	-
Footwear, except rubber	314	37.0	37.1	38.4	38.5	-	1.2	1.0	1.9	1.8	-
Men's footwear, except athletic	3143	37.3	37.4	38.1	38.5	-	1.0	.9	2.1	1.9	-
Women's footwear, except athletic	3144	37.4	38.0	39.2	39.2	-	1.6	1.1	.9	1.3	-
Luggage	316	39.6	40.4	37.8	39.7	-	2.3	3.6	2.7	2.5	-
Handbags and personal leather goods	317	37.1	36.7	39.1	39.5	-	1.9	1.2	2.1	2.6	-
Service-producing		32.6	32.7	32.6	32.6	33.1	-	-	-	-	-
Transportation and public utilities		39.5	39.6	39.8	39.9	40.1	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	\$12.06	\$12.13	\$12.48	\$12.50	-	\$525.82	\$526.44	\$544.13	\$551.25	-
Corrugated and solid fiber boxes	2653	12.05	12.08	12.51	12.53	-	535.02	527.90	551.69	557.59	-
Sanitary food containers	2656	12.07	11.86	12.50	12.34	-	503.32	507.61	515.00	531.85	-
Folding paperboard boxes	2657	12.85	13.06	13.13	13.27	-	549.98	566.80	572.47	585.21	-
Misc. converted paper products	267	12.55	12.71	12.79	13.06	-	520.83	533.82	535.90	553.74	-
Paper, coated and laminated, nec	2672	14.65	14.90	14.82	15.64	-	616.77	630.27	649.12	689.72	-
Bags: plastics, laminated, and coated	2673	11.44	11.50	11.64	11.71	-	482.77	486.45	492.37	490.65	-
Envelopes	2677	11.59	11.70	11.78	11.90	-	482.14	484.38	493.58	508.13	-
Printing and publishing	27	12.40	12.49	12.80	12.81	\$12.94	479.88	480.87	491.52	495.75	\$503.37
Newspapers	271	12.22	12.29	12.60	12.69	-	411.81	410.49	417.06	427.65	-
Periodicals	272	13.32	13.47	14.15	13.99	-	495.50	497.04	520.72	514.83	-
Books	273	11.69	11.92	12.39	12.23	-	473.45	475.61	486.93	475.75	-
Book publishing	2731	11.32	11.59	11.85	11.71	-	450.54	446.22	443.19	437.95	-
Book printing	2732	12.07	12.25	12.90	12.75	-	497.28	507.15	532.77	517.65	-
Miscellaneous publishing	274	11.74	11.76	12.22	12.40	-	433.21	437.47	424.03	438.96	-
Commercial printing	275	12.62	12.70	13.03	13.03	-	507.32	506.73	523.81	526.41	-
Commercial printing, lithographic	2752	12.71	12.80	13.23	13.25	-	507.13	506.88	527.88	532.65	-
Commercial printing, nec	2759	12.31	12.39	12.43	12.33	-	499.79	499.32	498.44	493.20	-
Manifold business forms	276	13.23	13.32	13.60	13.70	-	551.69	567.43	563.04	572.66	-
Blankbooks and bookbinding	278	9.65	9.71	10.05	10.09	-	384.07	387.43	397.98	404.61	-
Printing trade services	279	15.48	15.55	15.64	15.72	-	602.17	600.23	613.09	620.94	-
Chemicals and allied products	28	15.90	16.06	16.32	16.40	16.44	690.06	705.03	705.02	716.68	728.29
Industrial inorganic chemicals	281	17.82	17.86	18.06	18.19	-	816.16	817.99	836.18	854.93	-
Industrial inorganic chemicals, nec	2819	18.09	18.17	18.40	18.56	-	823.10	843.09	851.92	874.18	-
Plastics materials and synthetics	282	16.51	16.61	17.28	17.14	-	729.74	740.81	763.78	761.02	-
Plastics materials and resins	2821	18.44	18.41	19.04	18.89	-	826.11	845.02	858.70	855.72	-
Organic fibers, noncellulosic	2824	14.28	14.34	15.04	14.93	-	655.45	658.21	673.79	670.36	-
Drugs	283	15.29	15.49	16.04	16.37	-	642.18	661.42	665.66	685.90	-
Pharmaceutical preparations	2834	15.03	15.25	15.91	16.23	-	628.25	649.65	661.86	681.66	-
Soap, cleaners, and toilet goods	284	12.96	13.28	12.94	13.03	-	531.36	563.07	524.07	543.35	-
Soap and other detergents	2841	15.79	16.52	16.48	16.86	-	672.65	725.23	688.86	703.06	-
Polishing, sanitation, and finishing preparations	2842,3	12.09	12.24	12.19	12.38	-	481.18	500.62	499.79	515.01	-
Toilet preparations	2844	11.83	11.97	11.54	11.45	-	482.66	506.33	456.98	478.61	-
Paints and allied products	285	13.28	13.48	13.67	13.87	-	565.73	583.68	582.34	593.64	-
Industrial organic chemicals	286	19.44	19.55	19.66	19.58	-	888.41	885.62	878.80	883.06	-
Cyclic crudes and intermediates	2865	19.33	19.31	19.53	19.48	-	885.31	886.33	880.80	878.55	-
Industrial organic chemicals, nec	2869	19.57	19.71	19.81	19.71	-	894.35	890.89	881.55	888.92	-
Agricultural chemicals	287	15.90	16.19	16.40	16.52	-	717.09	725.31	741.28	751.66	-
Miscellaneous chemical products	289	14.54	14.72	14.89	15.05	-	632.49	650.62	643.25	659.19	-
Petroleum and coal products	29	19.45	19.43	19.32	19.53	20.42	851.91	839.38	842.35	859.32	906.65
Petroleum refining	291	21.65	21.55	21.41	21.62	-	941.78	930.96	916.35	955.60	-
Asphalt paving and roofing materials	295	14.56	13.92	15.40	15.04	-	655.20	602.74	709.94	664.77	-
Rubber and misc. plastics products	30	11.01	11.15	11.27	11.32	11.47	460.22	470.53	468.83	470.91	489.77
Tires and inner tubes	301	17.62	18.11	18.20	18.01	-	789.38	805.90	788.06	770.83	-
Rubber and plastics footwear	302	8.91	8.93	9.18	9.39	-	354.62	358.99	365.36	384.05	-
Hose, belting, gaskets, and packing	305	11.15	11.35	11.53	11.56	-	468.30	480.11	488.87	491.30	-
Rubber and plastics hose and belting	3052	11.37	11.52	11.81	11.84	-	485.50	493.06	510.19	513.86	-
Fabricated rubber products, nec	306	10.56	10.57	10.83	10.91	-	438.24	448.17	459.19	465.86	-
Miscellaneous plastics products, nec	308	10.35	10.46	10.61	10.67	-	429.53	438.27	437.13	440.67	-
Leather and leather products	31	8.23	8.34	8.72	8.73	8.86	312.74	317.75	340.08	344.84	349.97
Leather tanning and finishing	311	11.23	11.40	11.55	11.42	-	459.31	474.24	501.27	493.34	-
Footwear, except rubber	314	7.79	7.82	8.28	8.37	-	288.23	290.12	317.95	322.25	-
Men's footwear, except athletic	3143	8.26	8.36	9.21	9.29	-	308.10	312.66	350.90	357.67	-
Women's footwear, except athletic	3144	7.27	7.19	7.15	7.22	-	271.90	273.22	280.28	283.02	-
Luggage	316	8.19	8.32	8.62	8.55	-	324.32	336.13	325.84	339.44	-
Handbags and personal leather goods	317	7.33	7.33	7.67	7.78	-	271.94	269.01	299.90	307.31	-
Service-producing		11.04	11.08	11.39	11.45	\$11.52	359.90	362.32	371.31	373.27	\$381.31
Transportation and public utilities		14.46	14.44	14.54	14.61	14.61	571.17	571.82	578.69	582.94	585.86

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^P	Dec. 1996 ^P
Transportation and public utilities—Continued											
Railroad transportation:											
Class I railroads plus Amtrak ²	4011	46.3	47.6	47.8	47.6	-	-	-	-	-	-
Local and interurban passenger transit	41	33.3	33.3	34.6	33.7	-	-	-	-	-	-
Local and suburban transportation	411	37.9	37.6	38.6	38.3	-	-	-	-	-	-
Intercity and rural bus transportation	413	36.7	36.7	39.5	39.9	-	-	-	-	-	-
Trucking and warehousing	42	39.0	39.5	39.5	39.4	-	-	-	-	-	-
Trucking and courier services, except air	421	38.8	39.4	39.4	39.3	-	-	-	-	-	-
Public warehousing and storage	422	40.8	40.4	39.6	40.5	-	-	-	-	-	-
Water transportation:											
Water transportation services	449	37.5	37.6	37.7	38.1	-	-	-	-	-	-
Pipelines, except natural gas	46	44.1	44.6	43.7	44.6	-	-	-	-	-	-
Transportation services	47	37.7	38.0	37.8	38.1	-	-	-	-	-	-
Passenger transportation arrangement	472	36.6	36.3	36.9	37.1	-	-	-	-	-	-
Travel agencies	4724	36.8	36.4	36.5	36.7	-	-	-	-	-	-
Freight transportation arrangement	473	38.8	39.8	38.9	39.1	-	-	-	-	-	-
Communications	48	39.9	40.0	40.3	40.0	-	-	-	-	-	-
Telephone communications	481	41.6	41.7	42.0	41.7	-	-	-	-	-	-
Telephone communications, except radio	4813	41.9	42.0	42.7	42.2	-	-	-	-	-	-
Radio and television broadcasting	483	34.6	34.5	34.9	34.9	-	-	-	-	-	-
Cable and other pay television services	484	39.6	39.9	39.6	39.2	-	-	-	-	-	-
Electric, gas, and sanitary services	49	43.2	42.6	42.2	42.6	-	-	-	-	-	-
Electric services	491	43.2	42.2	41.7	41.9	-	-	-	-	-	-
Gas production and distribution	492	43.6	43.0	43.3	44.0	-	-	-	-	-	-
Combination utility services	493	43.9	43.6	42.4	43.0	-	-	-	-	-	-
Sanitary services	495	42.8	42.6	42.5	42.7	-	-	-	-	-	-
Wholesale trade		38.2	38.3	38.3	38.3	38.7	-	-	-	-	-
Durable goods	50	38.8	38.9	39.0	39.0	-	-	-	-	-	-
Motor vehicles, parts, and supplies	501	38.0	38.3	37.9	37.8	-	-	-	-	-	-
Furniture and home furnishings	502	37.8	38.0	37.4	37.5	-	-	-	-	-	-
Lumber and other construction materials	503	40.0	39.6	40.6	39.9	-	-	-	-	-	-
Professional and commercial equipment	504	38.7	38.8	39.0	39.1	-	-	-	-	-	-
Medical and hospital equipment	5047	37.9	38.1	39.1	39.2	-	-	-	-	-	-
Metals and minerals, except petroleum	505	41.0	41.4	41.4	41.3	-	-	-	-	-	-
Electrical goods	506	38.6	38.8	39.1	39.5	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	38.8	38.9	38.9	39.0	-	-	-	-	-	-
Machinery, equipment, and supplies	508	39.1	39.2	39.3	39.3	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	37.9	37.9	38.0	37.9	-	-	-	-	-	-
Nondurable goods	51	37.5	37.4	37.4	37.3	-	-	-	-	-	-
Paper and paper products	511	36.9	37.1	35.7	36.0	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	36.8	36.6	36.1	36.8	-	-	-	-	-	-
Apparel, piece goods, and notions	513	37.4	37.2	37.8	37.3	-	-	-	-	-	-
Groceries and related products	514	38.5	38.4	38.3	38.2	-	-	-	-	-	-
Farm-product raw materials	515	35.1	34.2	37.7	36.7	-	-	-	-	-	-
Chemicals and allied products	516	39.8	39.9	40.2	40.2	-	-	-	-	-	-
Petroleum and petroleum products	517	37.6	37.9	37.4	37.8	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	37.3	37.4	37.3	37.4	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	36.3	36.2	36.5	36.0	-	-	-	-	-	-
Retail trade		28.6	29.0	28.7	28.6	29.2	-	-	-	-	-
Building materials and garden supplies	52	35.2	35.0	34.9	34.4	-	-	-	-	-	-
Lumber and other building materials	521	36.7	36.4	36.3	35.6	-	-	-	-	-	-
Paint, glass, and wallpaper stores	523	36.4	36.2	36.0	35.8	-	-	-	-	-	-
Hardware stores	525	31.9	32.0	31.3	31.2	-	-	-	-	-	-
Retail nurseries and garden stores	526	31.3	31.3	32.2	31.5	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
Transportation and public utilities—Continued											
Railroad transportation:											
Class I railroads plus Amtrak ³	4011	\$17.72	\$17.62	\$17.82	\$17.88	-	\$820.44	\$838.71	\$851.80	\$851.09	-
Local and interurban passenger transit	41	10.65	10.62	10.81	10.88	-	354.65	353.65	374.03	366.66	-
Local and suburban transportation	411	11.46	11.39	11.50	11.51	-	434.33	428.26	443.90	440.83	-
Intercity and rural bus transportation	413	12.16	12.13	13.67	13.81	-	446.27	445.17	539.97	551.02	-
Trucking and warehousing	42	13.05	13.06	13.23	13.22	-	508.95	515.87	522.59	520.87	-
Trucking and courier services, except air	421	13.26	13.26	13.44	13.42	-	514.49	522.44	529.54	527.41	-
Public warehousing and storage	422	10.50	10.47	10.68	10.76	-	428.40	422.99	422.93	435.78	-
Water transportation:											
Water transportation services	449	18.42	18.50	18.54	19.42	-	690.75	695.60	698.96	739.90	-
Pipelines, except natural gas	46	20.27	20.67	20.50	20.66	-	893.91	921.88	895.85	921.44	-
Transportation services	47	12.58	12.61	12.73	12.72	-	474.27	479.18	481.19	484.63	-
Passenger transportation arrangement	472	12.44	12.40	12.54	12.57	-	455.30	450.12	462.73	466.35	-
Travel agencies	4724	12.73	12.68	12.79	12.84	-	468.46	461.55	466.84	471.23	-
Freight transportation arrangement	473	13.23	13.26	13.38	13.31	-	513.32	527.75	520.48	520.42	-
Communications	48	15.81	15.81	16.17	16.20	-	630.82	632.40	651.65	648.00	-
Telephone communications	481	16.48	16.48	16.80	16.75	-	685.57	687.22	705.60	698.48	-
Telephone communications, except radio	4813	16.85	16.87	17.20	17.16	-	706.02	708.54	734.44	724.15	-
Radio and television broadcasting	483	15.62	15.63	16.15	16.34	-	540.45	539.24	563.64	570.27	-
Cable and other pay television services	484	12.18	12.28	12.82	13.05	-	482.33	489.97	507.67	511.56	-
Electric, gas, and sanitary services	49	18.08	18.06	18.50	18.75	-	781.06	769.36	780.70	798.75	-
Electric services	491	19.00	19.03	19.48	19.74	-	820.80	803.07	812.32	827.11	-
Gas production and distribution	492	17.75	17.80	17.82	17.90	-	773.90	765.40	771.61	787.60	-
Combination utility services	493	21.93	21.65	22.62	22.96	-	962.73	943.94	959.09	987.28	-
Sanitary services	495	13.18	13.28	13.74	14.02	-	564.10	565.73	583.95	598.65	-
Wholesale trade		12.53	12.61	12.91	13.04	\$13.17	478.65	482.96	494.45	499.43	\$509.68
Durable goods	50	13.02	13.10	13.52	13.64	-	505.18	509.59	527.28	531.96	-
Motor vehicles, parts, and supplies	501	11.40	11.52	11.76	11.80	-	433.20	441.22	445.70	446.04	-
Furniture and home furnishings	502	11.24	11.38	11.95	11.77	-	424.87	432.44	446.93	441.38	-
Lumber and other construction materials	503	11.87	11.89	12.24	12.32	-	474.80	470.84	496.94	491.57	-
Professional and commercial equipment	504	15.56	15.69	16.18	16.32	-	602.17	608.77	631.02	638.11	-
Medical and hospital equipment	5047	14.00	14.03	15.13	15.30	-	530.60	534.54	591.58	599.76	-
Metals and minerals, except petroleum	505	12.78	12.81	13.11	13.29	-	523.98	530.33	542.75	548.88	-
Electrical goods	506	13.72	13.77	14.50	14.71	-	529.59	534.28	566.95	581.05	-
Hardware, plumbing, and heating equipment	507	12.32	12.32	12.71	12.81	-	478.02	479.25	494.42	499.59	-
Machinery, equipment, and supplies	508	13.18	13.23	13.52	13.68	-	515.34	518.62	531.34	537.62	-
Misc. wholesale trade durable goods	509	10.24	10.29	10.52	10.61	-	388.10	389.99	399.76	402.12	-
Nondurable goods	51	11.84	11.91	12.06	12.18	-	444.00	445.43	451.04	454.31	-
Paper and paper products	511	12.19	12.14	12.44	12.47	-	449.81	450.39	444.11	448.92	-
Drugs, proprietaries, and sundries	512	15.16	15.34	15.53	15.83	-	557.89	561.44	560.63	582.54	-
Apparel, piece goods, and notions	513	11.53	11.67	11.67	11.84	-	431.22	434.12	441.13	441.63	-
Groceries and related products	514	12.10	12.12	12.39	12.38	-	465.85	465.41	474.54	472.92	-
Farm-product raw materials	515	8.91	8.96	9.13	9.29	-	312.74	306.43	344.20	340.94	-
Chemicals and allied products	516	13.42	13.51	13.84	13.84	-	534.12	539.05	556.37	556.37	-
Petroleum and petroleum products	517	11.24	11.41	11.42	11.60	-	422.62	432.44	427.11	438.48	-
Beer, wine, and distilled beverages	518	13.52	13.70	13.77	14.09	-	504.30	512.38	513.62	526.97	-
Misc. wholesale trade nondurable goods	519	9.82	9.86	10.01	10.17	-	356.47	356.93	365.37	366.12	-
Retail trade		7.78	7.80	8.11	8.13	8.14	222.51	226.20	232.76	232.52	237.69
Building materials and garden supplies	52	9.28	9.29	9.65	9.68	-	326.66	325.15	336.79	332.99	-
Lumber and other building materials	521	9.65	9.70	10.08	10.13	-	354.16	353.08	365.90	360.63	-
Paint, glass, and wallpaper stores	523	9.94	9.92	10.12	10.20	-	361.82	359.10	364.32	365.16	-
Hardware stores	525	7.84	7.85	7.97	7.96	-	250.10	251.20	249.46	248.35	-
Retail nurseries and garden stores	526	8.27	8.20	8.70	8.79	-	258.85	256.66	280.14	276.89	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
Retail trade—Continued											
General merchandise stores	53	29.8	30.6	29.0	29.1	-	-	-	-	-	-
Department stores	531	30.0	30.7	29.1	29.2	-	-	-	-	-	-
Variety stores	533	27.5	28.9	27.2	27.1	-	-	-	-	-	-
Misc. general merchandise stores	539	29.0	30.2	29.8	29.4	-	-	-	-	-	-
Food stores	54	29.5	29.7	29.4	29.6	-	-	-	-	-	-
Grocery stores	541	29.8	29.8	29.6	29.9	-	-	-	-	-	-
Retail bakeries	546	27.7	28.5	28.3	27.7	-	-	-	-	-	-
Automotive dealers and service stations	55	35.3	35.2	35.3	35.4	-	-	-	-	-	-
New and used car dealers	551	36.8	36.5	36.8	36.8	-	-	-	-	-	-
Auto and home supply stores	553	37.4	37.1	37.7	38.0	-	-	-	-	-	-
Gasoline service stations	554	32.1	32.1	31.8	31.9	-	-	-	-	-	-
Automotive dealers, nec	559	34.8	34.1	36.2	36.3	-	-	-	-	-	-
Apparel and accessory stores	56	25.9	27.0	26.5	26.3	-	-	-	-	-	-
Men's and boys' clothing stores	561	28.1	29.7	28.2	28.1	-	-	-	-	-	-
Women's clothing stores	562	24.7	25.4	25.3	24.5	-	-	-	-	-	-
Family clothing stores	565	26.5	27.7	27.4	27.5	-	-	-	-	-	-
Shoe stores	566	25.7	27.1	25.9	26.2	-	-	-	-	-	-
Furniture and home furnishings stores	57	32.6	33.5	32.8	32.7	-	-	-	-	-	-
Furniture and home furnishings stores	571	33.1	33.6	33.0	33.1	-	-	-	-	-	-
Household appliance stores	572	33.8	35.2	34.1	34.3	-	-	-	-	-	-
Radio, television, and computer stores	573	31.7	33.0	32.4	32.0	-	-	-	-	-	-
Radio, television, and electronic stores	5731	31.6	34.0	32.4	32.0	-	-	-	-	-	-
Record and prerecorded tape stores	5735	25.5	27.1	26.4	24.9	-	-	-	-	-	-
Eating and drinking places ¹	58	24.7	24.9	25.1	24.9	-	-	-	-	-	-
Miscellaneous retail establishments	59	29.5	30.8	29.6	29.4	-	-	-	-	-	-
Drug stores and proprietary stores	591	28.5	28.7	28.7	28.8	-	-	-	-	-	-
Used merchandise stores	593	31.1	31.4	31.0	30.9	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	27.2	29.6	27.7	27.4	-	-	-	-	-	-
Nonstore retailers	596	33.4	34.5	32.7	33.1	-	-	-	-	-	-
Fuel dealers	598	38.8	40.0	38.6	39.1	-	-	-	-	-	-
Retail stores, nec	599	31.0	31.9	30.6	30.1	-	-	-	-	-	-
Optical goods stores	5995	33.4	33.7	33.4	33.2	-	-	-	-	-	-
Miscellaneous retail stores, nec	5999	31.3	32.1	30.8	30.2	-	-	-	-	-	-
Finance, insurance, and real estate⁵		35.6	35.7	35.7	35.8	36.8	-	-	-	-	-
Depository institutions	60	35.0	35.0	34.8	35.0	-	-	-	-	-	-
Commercial banks	602	34.9	34.9	34.6	34.7	-	-	-	-	-	-
State commercial banks	6022	35.0	35.2	35.0	35.2	-	-	-	-	-	-
National and commercial banks, nec	6021,9	34.8	34.7	34.3	34.4	-	-	-	-	-	-
Credit unions	606	35.5	35.6	35.6	35.8	-	-	-	-	-	-
Nondepository institutions	61	37.7	38.0	37.9	37.8	-	-	-	-	-	-
Personal credit institutions	614	38.1	38.7	38.4	38.4	-	-	-	-	-	-
Security and commodity brokers: Security and commodity services	628	36.2	36.4	36.7	36.9	-	-	-	-	-	-
Insurance carriers	63	37.9	38.1	38.1	38.2	-	-	-	-	-	-
Life insurance	631	37.5	37.4	37.7	37.6	-	-	-	-	-	-
Medical service and health insurance	632	39.1	39.3	39.3	39.2	-	-	-	-	-	-
Hospital and medical service plans	6324	39.3	39.3	39.4	39.4	-	-	-	-	-	-
Fire, marine, and casualty insurance	633	37.7	38.3	37.8	38.5	-	-	-	-	-	-
Services		32.3	32.3	32.4	32.4	32.7	-	-	-	-	-
Agricultural services	07	33.5	32.8	34.5	34.0	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ²	Dec. 1996 ²	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ²	Dec. 1996 ²
Retail trade—Continued											
General merchandise stores	53	\$7.54	\$7.56	\$7.94	\$7.87	-	\$224.69	\$231.34	\$230.26	\$229.02	-
Department stores	531	7.57	7.60	7.99	7.92	-	227.10	233.32	232.51	231.26	-
Variety stores	533	7.25	7.15	7.28	7.16	-	199.38	206.64	198.02	194.04	-
Misc. general merchandise stores	539	7.33	7.31	7.69	7.67	-	212.57	220.76	229.16	225.50	-
Food stores	54	8.26	8.24	8.49	8.52	-	243.67	244.73	249.61	252.19	-
Grocery stores	541	8.36	8.35	8.60	8.63	-	249.13	248.83	254.56	258.04	-
Retail bakeries	546	7.42	7.41	7.46	7.55	-	205.53	211.19	211.12	209.14	-
Automotive dealers and service stations	55	10.50	10.56	10.98	11.08	-	370.65	371.71	387.59	392.23	-
New and used car dealers	551	13.14	13.21	13.83	14.01	-	483.55	482.17	508.94	515.57	-
Auto and home supply stores	553	8.93	9.01	9.10	9.19	-	333.98	334.27	343.07	349.22	-
Gasoline service stations	554	7.00	7.05	7.26	7.28	-	224.70	226.31	230.87	232.23	-
Automotive dealers, nec	559	11.06	11.20	12.07	11.88	-	384.89	381.92	436.93	431.24	-
Apparel and accessory stores	56	7.49	7.46	7.79	7.80	-	193.99	201.42	206.44	205.14	-
Men's and boys' clothing stores	561	8.85	8.95	9.28	9.29	-	248.69	265.82	261.70	261.05	-
Women's clothing stores	562	7.12	7.08	7.64	7.70	-	175.86	179.83	193.29	188.65	-
Family clothing stores	565	7.45	7.31	7.63	7.63	-	197.43	202.49	209.06	209.83	-
Shoe stores	566	7.44	7.47	7.68	7.63	-	191.21	202.44	198.91	199.91	-
Furniture and home furnishings stores	57	10.18	10.32	10.75	10.73	-	331.87	345.72	352.60	350.87	-
Furniture and home furnishings stores	571	9.95	10.07	10.33	10.34	-	329.35	338.35	340.89	342.25	-
Household appliance stores	572	10.10	10.08	10.36	10.43	-	341.38	354.82	353.28	357.75	-
Radio, television, and computer stores	573	10.50	10.68	11.41	11.31	-	332.85	352.44	369.68	361.92	-
Radio, television, and electronic stores	5731	10.20	10.48	10.48	10.35	-	322.32	356.32	339.55	331.20	-
Record and prerecorded tape stores	5735	6.37	6.14	6.68	6.50	-	162.44	166.39	176.35	161.85	-
Eating and drinking places ⁴	58	5.66	5.70	5.92	5.92	-	139.80	141.93	148.59	147.41	-
Miscellaneous retail establishments	59	8.51	8.49	8.82	8.80	-	251.05	261.49	261.07	258.72	-
Drug stores and proprietary stores	591	8.99	9.00	9.41	9.40	-	256.22	258.30	270.07	270.72	-
Used merchandise stores	593	7.26	7.23	7.35	7.39	-	225.79	227.02	227.85	228.35	-
Miscellaneous shopping goods stores	594	7.71	7.70	8.02	7.98	-	209.71	227.92	222.15	218.65	-
Nonstore retailers	596	8.93	9.04	9.29	9.20	-	298.26	311.88	303.78	304.52	-
Fuel dealers	598	11.93	12.07	12.10	12.20	-	462.88	482.80	467.06	477.02	-
Retail stores, nec	599	8.78	8.75	9.02	9.03	-	272.18	279.13	276.01	271.80	-
Optical goods stores	5995	11.11	11.12	10.98	11.04	-	371.07	374.74	366.73	366.53	-
Miscellaneous retail stores, nec	5999	9.02	8.97	9.30	9.29	-	282.33	287.94	286.44	280.56	-
Finance, insurance, and real estate⁵		12.49	12.57	12.88	12.97	\$13.07	444.64	448.75	459.82	464.33	\$480.98
Depository institutions	60	9.69	9.74	10.00	10.08	-	339.15	340.90	348.00	352.80	-
Commercial banks	602	9.25	9.30	9.53	9.61	-	322.83	324.57	329.74	333.47	-
State commercial banks	6022	9.06	9.13	9.38	9.39	-	317.10	321.38	328.30	330.53	-
National and commercial banks, nec	6021,9	9.39	9.42	9.63	9.76	-	326.77	326.87	330.31	335.74	-
Credit unions	606	9.64	9.69	9.85	9.86	-	342.22	344.96	350.66	352.99	-
Nondepository institutions	61	12.68	12.72	12.97	13.10	-	478.04	483.36	491.56	495.18	-
Personal credit institutions	614	10.29	10.25	11.19	11.32	-	392.05	396.68	429.70	434.69	-
Security and commodity brokers: Security and commodity services	628	17.83	17.92	18.00	18.07	-	645.45	652.29	660.60	666.78	-
Insurance carriers	63	15.06	15.17	15.44	15.38	-	570.77	577.98	588.26	587.52	-
Life insurance	631	14.44	14.75	14.64	14.48	-	541.50	551.65	551.93	544.45	-
Medical service and health insurance	632	14.04	14.16	14.29	14.35	-	548.96	556.49	561.60	562.52	-
Hospital and medical service plans	6324	14.33	14.53	14.53	14.58	-	563.17	571.03	572.48	574.45	-
Fire, marine, and casualty insurance	633	16.31	16.24	16.93	16.89	-	614.89	621.99	639.95	650.27	-
Services		11.57	11.66	11.94	12.03	12.18	373.71	376.62	386.86	389.77	398.29
Agricultural services	07	9.13	9.31	9.29	9.34	-	305.86	305.37	320.51	317.56	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
Services—Continued											
Agricultural services—Continued											
Veterinary services	074	28.5	28.0	28.7	28.4	-	-	-	-	-	-
Landscape and horticultural services	078	35.8	34.9	36.9	36.3	-	-	-	-	-	-
Hotels and other lodging places:											
Hotels and motels ⁴	701	30.7	30.0	31.0	30.4	-	-	-	-	-	-
Personal services:											
Laundry, cleaning, and garment services	721	34.2	34.1	34.3	34.3	-	-	-	-	-	-
Beauty shops ⁵	723	27.5	27.8	27.7	27.9	-	-	-	-	-	-
Miscellaneous personal services	729	26.0	25.5	26.1	25.9	-	-	-	-	-	-
Business services											
Advertising	731	33.2	33.2	33.3	33.3	-	-	-	-	-	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services	7334	36.6	36.5	35.9	35.8	-	-	-	-	-	-
Services to buildings	734	36.8	37.3	36.8	36.6	-	-	-	-	-	-
Disinfecting and pest control services	7342	28.4	28.5	28.6	28.5	-	-	-	-	-	-
Building maintenance services, nec	7349	36.9	36.6	37.2	36.8	-	-	-	-	-	-
Miscellaneous equipment rental and leasing	735	27.7	27.8	27.9	27.8	-	-	-	-	-	-
Medical equipment rental	7352	38.6	39.0	39.0	38.5	-	-	-	-	-	-
Heavy construction equipment rental	7353	38.6	38.4	36.8	37.1	-	-	-	-	-	-
Equipment rental and leasing, nec	7359	39.3	39.6	40.8	40.2	-	-	-	-	-	-
Personnel supply services:											
Help supply services	7363	38.4	38.9	39.1	38.3	-	-	-	-	-	-
Computer and data processing services	737	32.4	32.1	32.3	32.3	-	-	-	-	-	-
Computer programming services	7371	37.7	37.5	37.7	37.8	-	-	-	-	-	-
Computer integrated systems design	7373	38.1	37.9	38.1	38.4	-	-	-	-	-	-
Information retrieval services	7375	37.4	37.2	37.9	37.9	-	-	-	-	-	-
Computer maintenance and repair	7378	37.8	37.8	38.5	38.6	-	-	-	-	-	-
Miscellaneous business services	738	39.9	39.7	39.3	39.6	-	-	-	-	-	-
Detective and armored car services	7381	33.0	33.2	33.4	33.1	-	-	-	-	-	-
Security systems services	7382	33.4	33.7	34.5	34.2	-	-	-	-	-	-
Auto repair, services, and parking	75	35.1	35.7	36.2	36.0	-	-	-	-	-	-
Automotive rentals, without drivers	751	35.8	35.5	36.4	36.2	-	-	-	-	-	-
Passenger car rental	7514	35.8	35.7	36.3	36.1	-	-	-	-	-	-
Automobile parking	752	35.8	35.7	36.3	36.1	-	-	-	-	-	-
Automotive repair shops	753	33.3	33.7	33.1	33.0	-	-	-	-	-	-
Automotive and tire repair shops	7532,4	38.0	37.9	38.3	38.4	-	-	-	-	-	-
General automotive repair shops	7538	37.8	37.5	38.1	38.5	-	-	-	-	-	-
Automotive services, except repair	754	37.5	37.6	38.0	38.0	-	-	-	-	-	-
Carwashes	7542	30.7	29.5	32.2	31.2	-	-	-	-	-	-
Miscellaneous repair services	76	28.2	26.3	30.5	28.9	-	-	-	-	-	-
Motion pictures	78	38.3	38.3	38.2	38.2	-	-	-	-	-	-
Motion picture production and services	781	30.7	30.3	30.6	30.7	-	-	-	-	-	-
Video tape rental	784	40.2	40.0	39.8	39.4	-	-	-	-	-	-
Amusement and recreation services	79	23.6	23.5	23.2	23.5	-	-	-	-	-	-
Bowling centers	793	26.4	26.4	26.5	26.5	-	-	-	-	-	-
Misc. amusement and recreation services	799	25.2	24.7	24.3	24.5	-	-	-	-	-	-
Physical fitness facilities	7991	26.2	26.2	26.4	26.1	-	-	-	-	-	-
Membership sports and recreation clubs	7997	18.3	17.8	18.0	18.6	-	-	-	-	-	-
Health services	80	27.3	29.0	28.0	27.5	-	-	-	-	-	-
Offices and clinics of medical doctors	801	32.6	32.7	32.6	32.7	-	-	-	-	-	-
Offices and clinics of dentists	802	32.5	32.7	32.9	33.2	-	-	-	-	-	-
Offices and clinics of other health practitioners	804	28.0	28.1	28.3	28.1	-	-	-	-	-	-
Nursing and personal care facilities	805	29.6	29.5	29.7	29.9	-	-	-	-	-	-
Intermediate care facilities	8052	32.5	32.4	32.0	32.1	-	-	-	-	-	-
Hospitals	806	32.4	32.0	31.6	31.8	-	-	-	-	-	-
		34.4	34.5	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 workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
Services—Continued											
Agricultural services—Continued											
Veterinary services	074	\$8.94	\$9.03	\$9.19	\$9.19	-	\$254.79	\$252.84	\$263.75	\$261.00	-
Landscape and horticultural services	078	9.28	9.54	9.38	9.46	-	332.22	332.95	346.12	343.40	-
Hotels and other lodging places:											
Hotels and motels ⁴	701	8.13	8.26	8.35	8.37	-	249.59	247.80	258.85	254.45	-
Personal services:											
Laundry, cleaning, and garment services	721	7.61	7.68	7.79	7.81	-	260.26	261.89	267.20	267.88	-
Beauty shops ⁴	723	8.66	8.87	8.80	8.72	-	238.15	246.59	243.76	243.29	-
Miscellaneous personal services	729	8.84	8.95	8.91	8.91	-	229.84	228.23	232.55	230.77	-
Business services											
Advertising	73	10.74	10.88	11.25	11.40	-	356.57	361.22	374.63	379.62	-
Advertising	731	16.04	16.09	16.33	16.45	-	587.06	587.29	586.25	588.91	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services	7334	10.44	10.40	10.74	10.82	-	384.19	387.92	395.23	396.01	-
Services to buildings	734	7.47	7.49	7.72	7.77	-	212.15	213.47	220.79	221.45	-
Disinfecting and pest control services	7342	9.73	9.86	9.98	10.12	-	359.04	360.88	371.26	372.42	-
Building maintenance services, nec	7349	7.20	7.21	7.44	7.48	-	199.44	200.44	207.58	207.94	-
Miscellaneous equipment rental and leasing	735	11.27	11.35	11.76	11.88	-	435.02	442.65	458.64	457.38	-
Medical equipment rental	7352	10.46	10.66	10.77	11.29	-	403.76	409.34	396.34	418.86	-
Heavy construction equipment rental	7353	14.88	14.89	15.62	15.61	-	584.78	589.64	637.30	627.52	-
Equipment rental and leasing, nec	7359	10.34	10.40	10.70	10.77	-	397.06	404.56	418.37	412.49	-
Personnel supply services:											
Help supply services	7363	8.84	8.94	9.25	9.38	-	286.42	286.97	298.78	302.97	-
Computer and data processing services	737	17.81	18.07	18.97	19.11	-	671.44	677.63	715.17	722.36	-
Computer programming services	7371	20.82	21.14	21.90	22.15	-	793.24	801.21	834.39	850.56	-
Computer integrated systems design	7373	19.19	19.25	19.90	20.00	-	717.71	716.10	754.21	758.00	-
Information retrieval services	7375	14.18	14.29	14.84	14.91	-	536.00	540.16	571.34	575.53	-
Computer maintenance and repair	7378	13.95	13.93	14.32	14.13	-	556.61	553.02	562.78	559.55	-
Miscellaneous business services	738	9.23	9.33	9.49	9.51	-	304.59	309.76	316.97	314.78	-
Detective and armored car services	7381	7.21	7.28	7.48	7.54	-	240.81	245.34	258.06	257.87	-
Security systems services	7382	11.07	11.41	11.92	12.01	-	388.56	407.34	431.50	432.36	-
Auto repair, services, and parking											
Automotive rentals, without drivers	75	10.01	10.04	10.31	10.39	-	358.36	356.42	375.28	376.12	-
Automotive rentals, without drivers	751	9.66	9.69	9.78	9.82	-	345.83	345.93	355.01	354.50	-
Passenger car rental	7514	8.56	8.60	8.76	8.79	-	306.45	307.02	319.74	317.32	-
Automobile parking	752	7.27	7.32	7.47	7.38	-	242.09	246.68	247.26	243.54	-
Automotive repair shops	753	11.19	11.19	11.56	11.63	-	425.22	424.10	442.75	446.59	-
Automotive and tire repair shops	7532,4	11.74	11.77	12.10	12.19	-	443.77	441.38	461.01	469.32	-
General automotive repair shops	7538	11.19	11.19	11.53	11.58	-	419.63	420.74	438.14	440.04	-
Automotive services, except repair	754	7.52	7.56	7.74	7.79	-	230.86	223.02	249.23	243.05	-
Carwashes	7542	6.48	6.53	6.83	6.81	-	182.74	171.74	208.32	196.81	-
Miscellaneous repair services											
Miscellaneous repair services	76	11.79	11.84	12.33	12.35	-	451.56	453.47	471.01	471.77	-
Motion pictures											
Motion pictures	78	14.26	14.39	14.52	15.02	-	437.78	436.02	444.31	461.11	-
Motion picture production and services	781	19.84	20.19	19.51	20.53	-	797.57	807.60	776.50	808.88	-
Video tape rental	784	5.83	5.86	6.13	6.24	-	137.59	137.71	142.22	146.64	-
Amusement and recreation services											
Amusement and recreation services	79	9.14	9.21	9.11	9.30	-	241.30	243.14	241.42	246.45	-
Bowling centers	793	6.78	6.81	7.03	7.04	-	170.86	168.21	170.83	172.48	-
Misc. amusement and recreation services	799	8.62	8.66	8.57	8.72	-	225.84	226.89	226.25	227.59	-
Physical fitness facilities	7991	8.12	8.17	8.27	8.22	-	148.60	145.43	148.86	152.89	-
Membership sports and recreation clubs	7997	8.74	8.95	8.81	8.94	-	238.60	259.55	246.68	245.85	-
Health services											
Health services	80	12.62	12.66	12.94	12.98	-	411.41	413.98	421.84	424.45	-
Offices and clinics of medical doctors	801	12.70	12.81	13.27	13.33	-	412.75	418.89	436.58	442.56	-
Offices and clinics of dentists	802	12.63	12.68	13.04	13.16	-	353.64	356.31	369.03	369.80	-
Offices and clinics of other health practitioners	804	11.63	11.75	12.13	12.30	-	344.25	346.63	360.26	367.77	-
Nursing and personal care facilities	805	8.83	8.85	9.06	9.08	-	286.98	286.74	289.92	291.47	-
Intermediate care facilities	8052	8.17	8.17	8.46	8.51	-	264.71	261.44	267.34	270.62	-
Hospitals	806	14.54	14.53	14.77	14.78	-	500.18	501.29	506.61	508.43	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^a	Dec. 1996 ^a
Services—Continued											
Health services—Continued											
Home health care services	808	28.1	27.8	28.1	28.3	-	-	-	-	-	-
Legal services	81	34.5	34.7	34.5	34.6	-	-	-	-	-	-
Social services	83	31.0	31.0	30.9	31.1	-	-	-	-	-	-
Individual and family services	832	31.2	31.2	30.8	31.0	-	-	-	-	-	-
Job training and related services	833	30.7	31.0	31.1	31.1	-	-	-	-	-	-
Child day care services	835	29.6	29.7	29.7	29.8	-	-	-	-	-	-
Residential care	836	32.1	31.9	31.8	32.0	-	-	-	-	-	-
Social services, nec	839	31.7	31.6	31.9	32.0	-	-	-	-	-	-
Membership organizations:											
Professional organizations	862	34.8	34.6	34.6	34.6	-	-	-	-	-	-
Engineering and management services	87	36.8	36.8	36.9	37.0	-	-	-	-	-	-
Engineering and architectural services	871	38.8	38.7	39.3	39.2	-	-	-	-	-	-
Engineering services	8711	39.1	39.1	39.6	39.6	-	-	-	-	-	-
Architectural services	8712	37.8	37.6	37.9	37.8	-	-	-	-	-	-
Surveying services	8713	36.8	36.6	38.0	37.5	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	872	35.8	36.0	35.3	35.2	-	-	-	-	-	-
Research and testing services	873	36.2	36.2	36.6	36.7	-	-	-	-	-	-
Commercial physical research	8731	38.8	39.2	40.3	40.3	-	-	-	-	-	-
Commercial nonphysical research	8732	30.0	30.2	30.2	30.9	-	-	-	-	-	-
Noncommercial research organizations	8733	36.0	35.7	36.2	36.4	-	-	-	-	-	-
Management and public relations	874	35.8	35.7	35.6	35.9	-	-	-	-	-	-
Management services	8741	35.4	34.6	35.4	35.7	-	-	-	-	-	-
Management consulting services	8742	35.5	36.0	35.5	35.9	-	-	-	-	-	-
Public relations services	8743	35.0	35.0	34.3	35.0	-	-	-	-	-	-
Services, nec	89	36.9	36.8	35.0	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 workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p
Services—Continued											
Health services—Continued											
Home health care services	808	\$11.05	\$11.07	\$11.20	\$11.25	-	\$310.51	\$307.75	\$314.72	\$318.38	-
Legal services	81	16.23	16.26	16.82	16.90	-	559.94	564.22	580.29	584.74	-
Social services	83	8.39	8.44	8.64	8.66	-	260.09	261.64	266.98	269.33	-
Individual and family services	832	8.90	8.93	9.15	9.17	-	277.68	278.62	281.82	284.27	-
Job training and related services	833	8.20	8.26	8.38	8.43	-	251.74	256.06	260.62	262.17	-
Child day care services	835	7.17	7.22	7.43	7.45	-	212.23	214.43	220.67	222.01	-
Residential care	836	8.55	8.59	8.78	8.78	-	274.46	274.02	279.20	280.96	-
Social services, nec	839	9.90	10.00	10.34	10.38	-	313.83	316.00	329.85	332.16	-
Membership organizations:											
Professional organizations	862	16.20	16.36	16.81	16.87	-	563.76	566.06	581.63	583.70	-
Engineering and management services	87	15.93	16.03	16.50	16.61	-	586.22	589.90	608.85	614.57	-
Engineering and architectural services	871	17.49	17.58	18.10	18.23	-	678.61	680.35	711.33	714.62	-
Engineering services	8711	18.18	18.26	18.82	18.99	-	710.84	713.97	745.27	752.00	-
Architectural services	8712	15.91	16.04	16.33	16.42	-	601.40	603.10	618.91	620.68	-
Surveying services	8713	12.41	12.42	13.34	13.13	-	456.69	454.57	506.92	492.38	-
Accounting, auditing, and bookkeeping	872	14.27	14.24	14.36	14.35	-	510.87	512.64	506.91	505.12	-
Research and testing services	873	16.69	16.72	17.31	17.31	-	604.18	605.26	633.55	635.28	-
Commercial physical research	8731	19.15	19.07	19.63	19.67	-	743.02	747.54	791.09	792.70	-
Commercial nonphysical research	8732	12.47	12.57	13.54	13.36	-	374.10	379.61	408.91	412.82	-
Noncommercial research organizations	8733	19.24	19.24	20.14	20.13	-	692.64	686.87	729.07	732.73	-
Management and public relations	874	14.61	14.88	15.43	15.64	-	523.04	531.22	549.31	561.48	-
Management services	8741	13.14	13.42	13.92	14.11	-	465.16	464.33	492.77	503.73	-
Management consulting services	8742	16.96	17.15	17.34	17.66	-	602.08	617.40	615.57	633.99	-
Public relations services	8743	13.48	13.64	14.59	14.64	-	471.80	477.40	500.44	512.40	-
Services, nec	89	15.24	15.40	16.58	16.77	-	562.36	566.72	580.30	597.01	-

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

² See table B-15a for average hourly earnings in aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3761) manufacturing.

³ Data relate to line-haul railroads with operating revenues of \$253.7 million or more in 1993 and to Amtrak.

⁴ Money payments only; tips, not included.

⁵ Excludes nonoffice commissioned real estate sales agents.

- Data not available.

^p = 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)			
	Oct. 1995	Nov. 1995	Oct. 1996	Nov. 1996 ^p	Oct. 1995	Nov. 1995	Oct. 1996	Nov. 1996 ^p
Average hourly earnings, excluding lump-sum payments	\$19.69	\$19.82	\$20.47	\$20.47	\$18.79	\$18.84	\$19.74	\$19.84
Average hourly earnings, including lump-sum payments	19.74	19.88	20.81	20.80	18.83	18.89	19.74	19.84

^p = preliminary.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

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

Industry	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p
Manufacturing	\$11.83	\$11.93	\$12.16	\$12.22	\$12.35
Durable goods	12.30	12.39	12.69	12.73	12.84
Lumber and wood products	9.72	9.79	10.01	10.04	(?)
Furniture and fixtures	9.56	9.59	9.86	9.87	(?)
Stone, clay, and glass products	11.80	11.81	12.03	12.11	(?)
Primary metal industries	13.76	13.74	14.07	14.17	(?)
Fabricated metal products	11.56	11.69	11.84	11.89	(?)
Industrial machinery and equipment	12.63	12.66	12.98	13.03	(?)
Electronic and other electrical equipment	11.20	11.29	11.75	11.73	(?)
Transportation equipment	15.71	15.77	16.21	16.19	(?)
Instruments and related products	12.28	12.30	12.69	12.71	(?)
Miscellaneous manufacturing	9.75	9.88	10.04	10.08	(?)
Nondurable goods	11.17	11.28	11.40	11.49	\$11.63
Food and kindred products	10.43	10.58	10.52	10.72	(?)
Tobacco products	18.35	17.04	17.20	17.94	(?)
Textile mill products	9.07	9.10	9.22	9.24	(?)
Apparel and other textile products	7.56	7.62	7.79	7.79	(?)
Paper and allied products	13.54	13.67	13.82	13.92	(?)
Printing and publishing	11.88	11.99	12.25	12.25	(?)
Chemicals and allied products	15.04	15.19	15.42	15.49	(?)
Petroleum and coal products	18.17	18.23	18.00	18.23	(?)
Rubber and misc. plastics products	10.48	10.60	10.71	10.75	(?)
Leather and leather products	8.03	8.13	8.45	8.47	(?)

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

² Not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 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 workers¹ on private nonfarm payrolls by major industry, in current and constant (1982) dollars

Industry	Average hourly earnings					Average weekly earnings				
	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p	Nov. 1995	Dec. 1995	Oct. 1996	Nov. 1996 ^p	Dec. 1996 ^p
Total private:										
Current dollars	\$11.59	\$11.61	\$11.96	\$12.00	\$12.07	\$398.70	\$400.55	\$412.62	\$414.00	\$421.24
Constant (1982) dollars	7.44	7.46	7.45	7.46	(²)	256.07	257.26	257.08	257.30	(²)
Mining:										
Current dollars	15.35	15.54	15.54	15.66	\$15.86	687.68	699.30	713.29	710.96	\$735.90
Constant (1982) dollars	9.86	9.98	9.68	9.73	(²)	441.67	449.13	444.42	441.86	(²)
Construction:										
Current dollars	15.24	15.13	15.73	15.59	\$15.64	588.26	576.45	627.63	603.33	\$602.14
Constant (1982) dollars	9.79	9.72	9.80	9.69	(²)	377.82	370.23	391.05	374.97	(²)
Manufacturing:										
Current dollars	12.49	12.60	12.84	12.92	\$13.09	523.33	529.20	538.00	543.93	\$560.25
Constant (1982) dollars	8.02	8.09	8.00	8.03	(²)	336.11	339.88	335.20	338.05	(²)
Transportation and public utilities:										
Current dollars	14.46	14.44	14.54	14.61	\$14.61	571.17	571.82	578.69	582.94	\$585.86
Constant (1982) dollars	9.29	9.27	9.06	9.08	(²)	366.84	367.26	360.55	362.30	(²)
Wholesale trade:										
Current dollars	12.53	12.61	12.91	13.04	\$13.17	478.65	482.96	494.45	499.43	\$509.68
Constant (1982) dollars	8.05	8.10	8.04	8.10	(²)	307.42	310.19	308.07	310.40	(²)
Retail trade:										
Current dollars	7.78	7.80	8.11	8.13	\$8.14	222.51	226.20	232.76	232.52	\$237.69
Constant (1982) dollars	5.00	5.01	5.05	5.05	(²)	142.91	145.28	145.02	144.51	(²)
Finance, insurance, and real estate:										
Current dollars	12.49	12.57	12.88	12.97	\$13.07	444.64	448.75	459.82	464.33	\$480.98
Constant (1982) dollars	8.02	8.07	8.02	8.06	(²)	285.57	288.21	286.49	288.58	(²)
Services:										
Current dollars	11.57	11.66	11.94	12.03	\$12.18	373.71	376.62	386.86	389.77	\$398.29
Constant (1982) dollars	7.43	7.49	7.44	7.48	(²)	240.02	241.89	241.03	242.24	(²)

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

² Not available.
^p = preliminary.

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P	Nov. 1995	Oct. 1996	Nov. 1996P
Alabama	41.9	42.0	42.0	\$11.31	\$11.62	\$11.58	\$473.89	\$488.04	\$486.36
Birmingham	43.4	42.7	42.8	12.24	12.50	12.64	531.22	533.75	540.99
Mobile	42.6	42.7	43.1	12.92	13.65	13.84	550.39	582.86	596.50
Alaska	34.9	51.3	38.0	13.19	11.37	12.77	460.33	583.28	485.26
Arizona	43.4	42.0	42.3	11.26	11.68	11.83	488.68	490.56	500.41
Arkansas	40.4	41.9	41.2	10.17	10.54	10.54	410.87	441.63	434.25
Fayetteville-Springdale-Rogers	39.2	40.5	40.8	9.91	9.76	9.78	388.47	395.28	399.02
Fort Smith	42.1	42.5	40.9	10.00	10.44	10.35	421.00	443.70	423.32
Little Rock-North Little Rock	41.2	42.0	40.7	10.69	11.38	11.36	440.43	477.96	462.35
Pine Bluff	42.3	41.5	42.0	11.97	11.94	11.90	506.33	495.51	499.80
California	41.5	41.7	42.0	12.63	12.89	12.99	524.15	537.51	545.58
Bakersfield	40.0	40.9	40.0	13.42	13.66	13.95	536.80	558.69	558.00
Fresno	41.7	41.4	41.0	11.10	11.15	11.33	462.87	461.61	464.53
Los Angeles-Long Beach	42.2	42.1	42.2	11.90	12.08	12.13	502.18	508.57	511.89
Modesto	41.1	40.4	41.0	12.39	12.77	12.94	509.23	515.91	530.54
Oakland	42.3	42.5	42.5	15.05	15.71	15.79	636.62	667.68	671.08
Orange County	42.9	41.9	42.1	12.64	12.85	12.94	542.26	538.42	544.77
Riverside-San Bernardino	41.1	41.3	41.2	11.60	11.67	11.88	476.76	481.97	489.46
Sacramento	41.0	40.9	40.4	13.90	13.94	13.97	569.90	570.15	564.39
Salinas	38.7	39.8	39.9	13.49	13.59	13.50	522.06	540.88	538.65
San Diego	40.0	40.0	40.4	12.47	12.90	12.97	498.80	516.00	523.99
San Francisco	40.7	41.1	41.1	13.38	14.24	14.33	544.57	585.26	588.96
San Jose	41.6	41.5	42.2	15.58	15.97	15.95	648.13	662.76	673.09
Santa Barbara-Santa Maria-Lompoc	41.0	40.5	41.3	12.98	13.51	13.62	532.18	547.16	562.51
Santa Rosa	39.7	40.1	39.7	14.21	14.50	14.57	564.14	581.45	578.43
Stockton-Lodi	41.8	43.0	42.5	12.51	12.76	13.25	522.92	548.68	563.13
Vallejo-Fairfield-Napa	40.3	41.0	40.9	15.23	14.26	14.33	613.77	584.66	586.10
Ventura	42.2	42.1	41.8	12.08	12.47	12.60	509.78	524.99	526.68
Colorado	41.1	41.3	41.5	12.61	12.82	12.87	518.27	529.47	534.11
Denver	42.0	41.3	41.6	12.62	13.08	12.65	530.04	540.20	526.24
Connecticut	43.2	42.8	43.2	13.80	14.10	14.12	596.16	603.48	609.98
Bridgeport	43.5	43.0	43.8	14.17	14.71	14.70	616.40	632.53	643.86
Danbury	46.1	45.1	45.2	13.56	14.52	14.86	625.12	654.85	671.67
Hartford	43.6	43.1	43.8	14.17	15.06	14.97	617.81	649.09	655.69
New Haven-Meriden	41.4	42.3	42.7	13.12	13.79	13.76	543.17	583.32	587.55
New London-Norwich	42.8	43.6	42.6	14.46	14.29	14.44	618.89	623.04	615.14
Stamford-Norwalk	41.4	41.5	42.1	13.64	13.98	14.01	564.70	589.17	589.82
Waterbury	44.5	44.1	44.5	12.70	13.16	13.32	565.15	580.36	592.74
Delaware	40.8	40.3	40.3	14.20	13.76	13.88	576.52	554.53	551.30
Dover	39.4	39.9	39.3	13.35	12.70	12.77	525.99	506.73	501.86
Wilmington-Newark	42.8	41.1	42.1	17.04	16.68	16.76	729.31	685.55	705.60
District of Columbia:									
Washington PMSA	40.4	38.6	38.9	13.72	13.81	14.05	554.29	533.07	546.55
Florida	41.9	41.5	42.3	10.35	10.65	10.75	433.67	441.98	454.73
Georgia	42.5	42.1	42.5	11.00	11.23	11.36	467.50	472.78	482.80
Atlanta	43.6	42.2	42.6	11.97	12.16	12.36	521.89	513.15	526.54
Savannah	47.8	48.3	51.5	13.82	13.91	14.00	660.80	671.85	721.00
Hawaii	38.2	38.9	38.9	12.74	12.63	12.68	486.67	491.31	493.25
Honolulu	38.9	39.2	39.1	13.29	12.78	12.84	518.98	500.19	502.04
Idaho	40.0	39.2	39.2	11.62	12.03	12.35	464.80	471.58	484.12
Illinois	41.6	42.0	42.1	12.77	13.06	13.12	531.23	548.52	552.35
Bloomington-Normal	40.3	44.3	44.4	16.55	18.02	17.97	666.97	798.29	797.87
Champaign-Urbana	41.3	40.8	40.7	10.64	10.97	11.05	439.43	447.58	449.74
Chicago	41.9	42.1	42.4	12.70	12.99	13.03	532.13	546.88	552.47
Davenport-Moline-Rock Island	41.7	41.8	42.0	14.61	14.89	14.95	609.24	622.40	627.90
Decatur	42.3	42.7	42.7	15.01	15.94	15.98	634.92	680.64	682.35
Kankakee	41.5	41.8	41.8	13.71	14.28	14.32	568.97	596.90	598.58
Peoria-Pekin	40.4	40.5	40.6	15.31	15.98	15.98	618.52	647.19	648.79
Rockford	41.4	41.8	41.9	14.54	15.09	15.01	601.96	630.76	628.92
Springfield	41.2	40.6	41.4	11.84	11.86	11.88	487.81	481.52	491.83

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 area — Continued

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Nov 1995	Oct 1996	Nov 1996 ^P	Nov 1995	Oct 1996	Nov 1996 ^P	Nov 1995	Oct 1996	Nov 1996 ^P
Indiana	43.2	43.1	43.2	\$13.99	\$14.26	\$14.29	\$604.37	\$614.61	\$617.33
Bloomington	37.0	39.0	39.7	10.22	10.96	10.77	378.14	427.44	427.57
Elkhart-Goshen	38.9	39.6	39.5	11.89	12.05	12.20	462.52	477.18	481.90
Evansville-Henderson	42.3	43.0	42.4	12.85	13.69	13.66	543.56	588.67	579.18
Fort Wayne	41.5	41.0	41.1	14.54	14.80	14.93	603.41	606.80	613.62
Gary	43.5	43.0	42.9	18.37	19.44	19.24	799.10	835.92	825.40
Indianapolis	43.3	44.3	44.4	15.36	15.63	15.54	665.09	692.41	689.98
Kokomo	51.9	48.7	49.1	18.99	19.19	19.26	985.58	934.55	945.67
Lafayette	44.8	42.7	44.5	14.59	14.14	14.40	653.63	603.78	640.80
Muncie	44.2	43.9	43.9	15.32	14.55	14.55	677.14	638.75	638.75
South Bend	42.1	43.4	42.7	12.22	12.23	12.13	514.46	530.78	517.95
Terre Haute	43.6	44.6	44.5	13.69	14.04	14.25	596.88	626.18	634.13
Iowa	42.4	41.9	42.0	12.90	13.11	13.30	546.96	549.31	558.60
Cedar Rapids	41.1	41.9	43.5	16.36	15.78	16.44	672.40	661.18	715.14
Des Moines	42.4	42.1	41.3	13.94	12.99	13.07	591.06	546.88	539.79
Dubuque	41.3	41.0	39.3	13.52	14.82	15.55	558.38	607.62	611.12
Sioux City	41.6	40.2	39.6	10.78	10.72	10.81	448.45	430.94	428.08
Kansas	41.6	42.1	42.3	12.34	13.11	13.19	513.34	551.93	557.94
Topeka	40.3	40.9	40.7	14.57	14.32	14.14	587.17	585.69	575.50
Wichita	38.0	44.5	44.3	12.55	15.36	15.50	476.90	683.52	686.65
Kentucky	41.8	41.2	41.4	12.41	12.80	12.85	518.74	527.36	531.99
Lexington	42.7	42.3	43.1	13.44	13.55	13.66	573.89	573.17	588.75
Louisville	42.9	41.9	41.9	13.99	14.00	14.04	600.17	586.60	588.28
Louisiana	44.5	43.9	44.6	13.46	13.74	13.76	598.97	603.19	613.70
Baton Rouge	45.0	44.3	45.2	15.93	16.58	16.03	716.85	734.49	724.56
New Orleans	45.0	43.4	44.2	14.18	14.25	14.47	638.10	618.45	639.57
Shreveport-Bossier City	43.0	41.9	42.5	13.81	14.03	13.86	593.83	587.86	589.05
Maine	39.9	40.1	40.5	12.61	12.74	12.88	503.14	510.87	521.64
Lewiston-Auburn	39.2	39.8	40.4	10.36	11.26	11.50	406.11	448.15	464.60
Portland	38.3	39.2	40.9	11.15	11.33	11.25	427.05	444.14	460.13
Maryland	41.8	41.3	41.8	13.65	13.82	14.02	570.57	570.77	586.04
Baltimore PMSA	42.5	41.5	42.6	14.35	14.64	14.76	609.88	507.56	628.78
Massachusetts	42.2	42.0	42.5	12.93	13.14	13.18	545.65	551.88	560.15
Boston	41.3	41.7	41.8	13.79	14.13	14.21	569.53	589.22	593.98
Springfield	43.4	42.7	43.6	12.59	12.65	12.79	546.41	539.30	557.64
Worcester	42.4	42.7	43.4	12.40	12.74	12.84	525.76	544.00	557.26
Michigan	44.8	44.2	43.8	16.41	16.59	16.71	735.17	733.28	731.90
Ann Arbor	46.1	45.8	46.2	16.83	16.68	17.15	775.86	763.94	792.33
Detroit	45.8	45.3	45.4	17.81	18.23	18.35	815.70	825.82	833.09
Flint	49.6	45.2	44.9	21.58	21.37	21.53	1070.37	965.92	966.70
Grand Rapids-Muskegon-Holland	42.6	42.2	41.6	13.88	14.16	14.26	591.29	597.55	593.22
Jackson	42.0	42.4	41.7	12.23	12.73	12.44	513.66	539.75	518.75
Kalamazoo-Battle Creek	42.8	43.9	44.1	15.34	15.44	15.32	656.55	677.82	675.61
Lansing East Lansing	44.0	44.6	44.0	17.45	18.10	18.08	767.80	807.26	795.52
Saginaw-Bay City-Midland	46.4	47.1	45.4	18.94	19.59	19.58	878.82	922.69	888.93
Minnesota	41.7	41.6	41.4	12.87	13.31	13.59	536.66	553.70	562.63
Duluth-Superior	41.7	42.6	42.1	11.39	11.86	11.85	474.96	505.24	498.89
Minneapolis-St. Paul	41.8	41.9	41.3	13.81	14.08	14.47	577.26	589.95	597.61
St. Cloud	41.9	41.0	43.9	12.07	12.33	12.18	505.73	505.53	534.70
Mississippi	41.3	41.0	41.2	9.91	10.20	10.23	409.28	418.20	421.48
Jackson	42.0	41.9	41.6	10.90	11.59	11.49	457.80	485.62	477.98
Missouri	41.9	41.5	41.7	12.37	12.65	12.69	518.30	524.98	529.17
Kansas City	43.9	43.5	43.6	13.99	14.56	14.34	614.16	633.36	625.22
St. Louis	43.3	42.2	43.5	15.04	14.84	14.92	651.23	626.25	649.02
Springfield	40.9	40.1	39.2	10.30	10.71	10.87	421.27	429.47	426.10
Montana	39.1	40.4	39.7	12.80	12.90	12.81	500.48	521.16	508.56
Nebraska	41.8	41.8	41.4	11.33	11.81	11.82	473.59	493.66	489.35
Lincoln	41.1	44.7	44.0	12.78	13.46	13.24	525.26	601.66	582.56
Omaha	42.0	42.6	42.3	12.34	13.23	13.40	518.28	563.60	566.82
Nevada	42.7	42.0	44.7	12.55	13.33	13.50	535.89	559.86	603.45
Las Vegas	41.5	39.2	41.0	14.20	13.54	13.82	589.30	530.77	566.62

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 area — Continued

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Nov. 1995	Oct. 1996	Nov. 1996F	Nov. 1995	Oct. 1996	Nov. 1996F	Nov. 1995	Oct. 1996	Nov. 1996F
New Hampshire	42.3	41.8	42.0	\$12.05	\$12.45	\$12.44	\$509.72	\$520.41	\$522.48
Manchester	43.7	40.7	41.1	11.90	12.99	12.67	520.03	528.69	520.74
Nashua	41.9	41.6	41.9	14.73	15.09	15.19	617.19	627.74	636.46
Portsmouth-Rochester	40.8	40.5	40.9	12.36	11.87	11.89	504.29	480.74	486.30
New Jersey	42.2	41.6	42.2	13.61	13.82	13.95	574.34	574.91	588.69
New Mexico	40.1	41.1	40.7	10.70	10.68	11.03	429.07	438.95	448.92
Albuquerque	40.8	41.0	41.1	11.09	11.70	11.65	452.47	479.70	478.82
New York	41.3	41.1	41.5	12.62	12.82	12.95	521.21	526.90	537.43
Albany-Schenectady-Troy	41.6	41.0	41.1	13.93	14.20	14.11	579.49	582.20	579.92
Binghamton	40.9	42.3	41.6	10.26	10.30	10.23	419.63	435.69	425.57
Buffalo-Niagara Falls	44.2	42.7	43.2	16.08	16.06	15.98	710.74	685.76	690.34
Dutchess County	40.1	37.8	38.5	11.11	11.46	11.30	445.51	433.19	435.05
Elmira	43.5	42.2	42.7	11.82	12.01	11.98	514.17	506.82	511.55
Nassau-Suffolk	39.7	40.3	40.0	11.69	11.76	11.92	464.09	473.93	476.80
New York PMSA	38.7	39.6	39.5	11.44	11.63	11.91	442.73	460.55	470.45
New York City	38.3	39.4	39.3	11.16	11.43	11.71	427.43	450.34	460.20
Newburgh	41.0	40.2	40.8	11.14	11.54	11.55	456.74	463.91	471.24
Rochester	43.6	43.3	43.6	14.21	14.27	14.24	619.56	617.89	620.86
Rockland County	44.7	41.9	41.4	14.85	15.42	15.94	663.80	646.10	659.92
Syracuse	43.6	43.2	44.0	13.64	13.90	14.19	594.70	600.48	624.36
Utica-Rome	41.0	39.3	40.0	11.32	11.60	11.67	464.12	455.88	466.80
Westchester County	41.2	40.9	41.1	12.34	11.96	12.02	508.41	489.16	494.02
North Carolina	41.2	41.3	41.6	10.72	11.06	11.10	441.66	456.78	461.76
Asheville	41.5	40.8	41.4	10.20	10.65	10.71	423.30	434.52	443.39
Charlotte-Gastonia-Rock Hill	40.9	41.1	41.4	11.40	11.93	11.94	466.26	490.32	494.32
Greensboro-Winston-Salem--High Point	40.1	40.5	40.8	11.07	11.31	11.33	443.91	458.06	462.26
Raleigh-Durham-Chapel Hill	41.5	42.8	43.2	11.61	12.07	12.04	481.82	516.60	520.13
North Dakota	40.2	42.9	41.9	10.71	10.97	11.04	430.54	470.61	462.58
Fargo-Moorhead	41.1	44.0	43.5	10.31	10.85	10.69	423.74	477.40	462.88
Ohio	44.1	43.4	43.7	14.54	14.75	14.84	641.21	640.15	648.51
Akron	44.0	42.4	42.8	12.01	12.45	12.50	528.44	527.88	535.00
Canton-Massillon	41.4	40.7	41.1	12.89	13.16	13.09	533.65	535.61	538.00
Cincinnati	43.7	43.4	43.7	13.88	14.23	14.26	606.56	617.58	623.16
Cleveland-Lorain-Elyria	44.5	43.0	43.2	14.36	14.52	14.62	639.02	624.36	631.58
Columbus	43.0	42.6	43.1	13.41	13.86	13.83	576.63	590.44	596.07
Dayton-Springfield	45.3	44.4	44.4	16.00	15.92	15.91	724.80	706.85	706.40
Hamilton-Middletown	45.5	45.2	47.6	15.89	16.33	16.65	723.00	738.12	792.54
Lima	43.9	43.6	43.8	15.53	15.41	15.54	681.77	671.88	680.65
Mansfield	44.0	43.8	44.3	14.99	15.64	15.75	659.56	685.03	697.73
Steubenville-Weirton	44.2	43.4	43.9	16.76	15.52	15.53	740.79	673.57	681.77
Toledo	45.4	46.0	45.5	16.35	16.53	16.61	742.29	760.38	755.76
Youngstown-Warren	43.8	43.7	43.4	16.22	16.13	16.21	710.44	704.88	703.51
Oklahoma	42.8	42.0	41.5	11.58	11.93	11.88	495.62	501.06	493.02
Oklahoma City	44.9	43.8	43.5	12.01	13.09	13.43	539.25	573.34	584.21
Tulsa	42.4	42.6	41.4	12.32	12.85	12.44	522.37	547.41	515.02
Oregon	39.9	40.4	40.4	12.86	12.86	13.06	513.11	520.35	527.62
Eugene-Springfield	39.6	40.4	41.0	12.49	12.70	12.60	494.60	513.08	516.60
Medford-Ashtaburg	40.5	40.5	40.2	12.11	11.84	11.87	490.46	479.52	477.17
Portland-Vancouver	40.7	40.8	41.0	12.87	13.29	13.48	523.81	542.23	552.68
Salem	38.0	39.1	38.5	11.35	11.32	11.27	431.30	442.61	433.90
Pennsylvania	41.7	41.8	42.3	13.03	13.31	13.39	543.35	556.36	566.40
Allentown-Bethlehem-Easton	41.1	41.5	42.5	12.70	12.86	13.00	521.97	533.69	552.50
Alltoona	40.4	39.6	40.1	10.86	11.02	10.91	438.74	436.39	437.49
Erie	43.5	44.2	43.8	13.17	14.03	13.91	572.90	620.13	609.26
Harrisburg-Lebanon-Carlisle	40.6	40.2	40.5	12.37	12.98	13.14	502.22	521.80	532.17
Johnstown	38.0	39.6	40.0	9.57	10.14	10.24	363.66	403.57	409.60
Lancaster	40.9	40.9	41.2	12.84	13.02	13.06	525.16	532.52	538.07
Philadelphia PMSA	41.9	41.6	42.1	14.09	14.35	14.44	590.37	596.96	607.92
Pittsburgh	43.0	43.1	44.2	14.18	14.63	14.70	609.74	630.55	649.74
Reading	42.1	42.2	43.0	13.44	13.73	14.17	565.82	579.41	609.31
Scranton--Wilkes-Barre--Hazleton	39.9	40.6	40.5	11.88	12.05	12.10	474.01	489.23	490.05
Sharon	46.3	43.1	44.4	13.85	14.43	14.40	641.26	621.93	639.36
State College	42.6	41.4	41.3	11.84	11.14	11.38	504.38	461.20	469.99
Williamsport	40.0	41.7	41.6	11.25	10.98	11.21	450.00	457.87	466.34
York	42.7	41.5	42.2	12.92	13.47	13.54	551.68	559.01	571.39

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 area — Continued

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P
Rhode Island	40.9	40.1	39.8	\$10.79	\$10.93	\$11.17	\$441.31	\$438.29	\$444.57
Providence-Fall River-Warwick	40.6	40.6	40.4	10.90	10.94	11.48	442.54	444.16	463.79
South Carolina	41.9	41.8	42.1	10.20	10.32	10.33	427.38	431.38	434.89
South Dakota	41.3	41.6	41.6	9.52	9.67	9.70	393.18	402.27	403.52
Rapid City	41.3	40.4	40.3	9.57	9.55	9.61	395.24	385.82	387.28
Sioux Falls	41.7	41.7	41.7	9.96	10.02	10.05	415.33	417.83	419.09
Tennessee	40.7	40.7	40.8	10.87	11.30	11.36	442.41	459.91	463.49
Chattanooga	39.8	41.5	41.7	10.81	10.76	10.88	430.24	446.54	453.70
Johnson City-Kingsport-Bristol	38.7	40.6	40.3	11.43	11.82	11.90	442.34	479.89	479.57
Knoxville	39.9	40.0	40.5	10.75	11.17	11.06	428.93	446.80	447.93
Memphis	40.1	42.6	42.4	11.41	11.42	11.69	457.54	486.49	495.66
Nashville	41.2	41.1	41.3	11.41	11.98	11.92	470.09	492.38	492.30
Texas	43.2	43.1	43.3	11.65	11.89	11.91	503.28	512.46	515.70
Dallas	43.8	43.6	44.3	11.30	11.80	11.95	494.94	514.48	529.39
Ft. Worth-Arlington	43.2	42.8	43.4	12.16	12.47	12.55	525.31	533.72	544.67
Houston	45.0	44.4	44.5	14.08	13.77	13.73	633.60	611.39	610.99
San Antonio	42.3	41.9	42.1	9.49	9.61	9.65	401.43	402.66	406.27
Utah	40.4	40.7	41.2	11.83	12.41	12.37	477.93	505.09	509.64
Salt Lake City-Ogden	40.9	39.9	40.8	12.17	12.40	12.39	497.75	494.76	505.51
Vermont	40.8	40.0	40.6	12.34	12.48	12.46	503.47	499.20	505.88
Burlington	43.2	43.0	43.2	12.59	12.32	12.53	543.89	529.76	541.30
Virginia	41.8	42.1	42.7	11.97	12.19	12.22	500.35	513.20	521.79
Bristol	40.3	39.1	42.9	10.00	10.17	10.03	403.00	397.65	430.29
Charlottesville	41.2	39.0	41.5	10.16	10.37	9.94	418.59	404.43	412.51
Danville	42.4	43.0	43.3	11.38	11.62	11.73	482.51	499.68	507.91
Lynchburg	39.8	40.4	42.4	11.62	11.70	12.02	462.48	472.68	509.65
Northern Virginia	42.0	39.8	40.2	12.33	12.55	12.49	517.86	499.49	502.10
Richmond-Petersburg	46.4	43.0	44.0	15.42	15.78	15.61	715.49	678.54	686.84
Roanoke	41.8	40.0	40.6	13.65	13.33	13.66	567.84	533.20	554.60
Washington	40.7	41.4	40.5	13.32	14.79	15.06	542.12	612.31	615.95
West Virginia	41.5	41.8	42.6	12.87	12.97	13.12	534.11	542.15	558.91
Charleston	48.4	48.3	47.1	13.90	14.06	14.15	672.76	650.98	666.47
Huntington-Ashland	42.3	40.8	40.9	14.35	14.54	14.80	607.01	590.32	605.32
Parkersburg-Marietta	43.7	43.5	44.1	16.13	16.60	16.50	704.88	722.10	727.65
Wheeling	41.5	42.6	45.2	16.22	14.98	14.57	673.13	638.15	658.58
Wisconsin	42.0	42.4	42.8	12.91	13.21	13.37	542.22	560.10	572.24
Appleton-Oshkosh-Neenah	43.9	45.4	45.5	14.12	14.19	14.65	619.87	644.23	666.58
Eau Claire	47.3	44.5	45.5	13.24	12.90	12.90	626.25	574.05	586.95
Green Bay	42.7	43.0	44.2	13.96	13.65	13.67	598.09	586.95	604.21
Janesville-Beloit	42.4	46.5	47.8	15.93	17.01	17.25	675.43	790.97	824.55
Kenosha	41.8	39.7	41.5	14.15	14.35	14.65	591.47	569.70	607.98
La Crosse	41.2	39.8	42.0	11.14	11.05	11.47	458.97	439.79	481.74
Madison	40.1	40.5	40.6	12.15	12.39	12.52	487.22	501.80	508.31
Milwaukee-Waukesha	41.9	42.0	42.8	14.01	14.15	14.30	587.02	594.30	612.04
Racine	40.4	41.9	43.2	13.31	13.86	13.85	537.72	580.73	598.32
Sheboygan	42.8	44.3	44.8	12.65	13.15	13.24	541.42	582.55	593.15
Wausau	44.1	43.6	43.9	12.32	12.92	13.04	543.31	563.31	572.46
Wyoming	38.8	40.3	40.7	11.29	13.20	13.37	438.05	531.96	544.16
Puerto Rico	40.8	40.7	40.8	7.56	7.93	7.98	308.45	322.75	325.58
Virgin Islands	43.8	41.3	44.3	16.04	17.28	18.04	702.55	713.66	799.17

¹ Not available.
P = preliminary.

NOTE: Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 1995 benchmarks.

**HOUSEHOLD DATA
REGIONS AND DIVISIONS
SEASONALLY ADJUSTED**

C-1. Employment status of the civilian population for census regions and divisions, seasonally adjusted¹

(Numbers in thousands)

Census region and division	1995	1996											
	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
NORTHEAST													
Civilian noninstitutional population ²	39,605	39,631	39,603	39,603	39,609	39,615	39,622	39,625	39,639	39,652	39,664	39,673	39,676
Civilian labor force	25,241	25,228	25,175	25,481	25,614	25,821	25,610	25,667	25,732	25,766	25,738	25,816	25,764
Employed	23,706	23,776	23,740	23,874	24,133	24,269	24,204	24,222	24,417	24,417	24,359	24,396	24,321
Unemployed	1,535	1,452	1,435	1,607	1,481	1,551	1,406	1,445	1,315	1,349	1,379	1,420	1,443
Unemployment rate	6.1	5.8	5.7	6.3	5.8	6.0	5.5	5.6	5.1	5.2	5.4	5.5	5.6
New England													
Civilian noninstitutional population ²	10,259	10,230	10,263	10,265	10,270	10,273	10,278	10,280	10,287	10,292	10,298	10,304	10,305
Civilian labor force	6,965	6,907	6,887	6,933	7,027	7,093	7,047	6,912	6,983	7,072	7,032	7,094	7,015
Employed	6,612	6,554	6,542	6,581	6,695	6,714	6,698	6,607	6,698	6,736	6,700	6,772	6,666
Unemployed	354	353	345	353	333	380	348	305	285	336	332	322	349
Unemployment rate	5.1	5.1	5.0	5.1	4.7	5.4	4.9	4.4	4.1	4.8	4.7	4.5	5.0
Middle Atlantic													
Civilian noninstitutional population ²	29,346	29,401	29,340	29,338	29,340	29,342	29,344	29,345	29,352	29,359	29,366	29,369	29,370
Civilian labor force	18,276	18,321	18,288	18,548	18,587	18,727	18,564	18,755	18,749	18,694	18,706	18,722	18,749
Employed	17,095	17,222	17,199	17,294	17,439	17,556	17,506	17,615	17,719	17,681	17,659	17,625	17,655
Unemployed	1,181	1,099	1,089	1,254	1,148	1,172	1,058	1,140	1,030	1,013	1,048	1,098	1,094
Unemployment rate	6.5	6.0	6.0	6.8	6.2	6.3	5.7	6.1	5.5	5.4	5.6	5.9	5.8
SOUTH													
Civilian noninstitutional population ²	69,939	70,106	70,088	70,164	70,250	70,337	70,425	70,515	70,607	70,708	70,808	70,898	70,983
Civilian labor force	45,980	46,097	46,116	46,082	45,970	46,139	46,143	46,576	46,387	46,692	47,062	46,914	47,172
Employed	43,422	43,589	43,647	43,635	43,576	43,642	43,808	44,134	44,103	44,340	44,601	44,391	44,733
Unemployed	2,558	2,508	2,470	2,448	2,394	2,497	2,335	2,441	2,284	2,352	2,461	2,524	2,439
Unemployment rate	5.6	5.4	5.4	5.3	5.2	5.4	5.1	5.2	4.9	5.0	5.2	5.4	5.2
South Atlantic													
Civilian noninstitutional population ²	36,157	36,262	36,235	36,276	36,322	36,369	36,415	36,462	36,509	36,563	36,616	36,664	36,709
Civilian labor force	23,609	23,642	23,678	23,706	23,768	23,996	23,979	24,141	24,065	24,071	24,209	24,134	24,243
Employed	22,350	22,435	22,505	22,512	22,623	22,762	22,823	22,905	22,917	22,868	23,034	23,001	23,038
Unemployed	1,259	1,207	1,173	1,194	1,145	1,234	1,157	1,236	1,148	1,203	1,175	1,133	1,205
Unemployment rate	5.3	5.1	5.0	5.0	4.8	5.1	4.8	5.1	4.8	5.0	4.9	4.7	5.0
East South Central													
Civilian noninstitutional population ²	12,335	12,339	12,360	12,371	12,386	12,400	12,414	12,429	12,446	12,462	12,479	12,494	12,508
Civilian labor force	7,961	7,994	7,917	7,932	7,821	7,772	7,866	8,076	7,969	8,034	8,151	8,113	8,172
Employed	7,519	7,568	7,450	7,514	7,380	7,348	7,487	7,653	7,634	7,651	7,623	7,571	7,706
Unemployed	443	426	468	419	440	424	378	423	335	383	528	543	467
Unemployment rate	5.6	5.3	5.9	5.3	5.6	5.5	4.8	5.2	4.2	4.8	6.5	6.7	5.7
West South Central													
Civilian noninstitutional population ²	21,447	21,506	21,494	21,517	21,543	21,569	21,596	21,624	21,652	21,682	21,714	21,741	21,766
Civilian labor force	14,409	14,462	14,521	14,444	14,382	14,372	14,298	14,359	14,354	14,586	14,701	14,667	14,757
Employed	13,554	13,586	13,692	13,609	13,573	13,532	13,498	13,577	13,553	13,821	13,943	13,819	13,989
Unemployed	856	876	829	835	809	840	800	782	801	765	758	848	768
Unemployment rate	5.9	6.1	5.7	5.8	5.6	5.8	5.6	5.4	5.6	5.2	5.2	5.8	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 adjusted¹—Continued

(Numbers in thousands)

Census region and division	1995	1996											
	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MIDWEST													
Civilian noninstitutional population ²	46,737	46,604	46,790	46,817	46,852	46,887	46,921	46,958	46,999	47,040	47,083	47,120	47,154
Civilian labor force	32,377	32,187	32,446	32,655	32,739	32,753	32,809	32,906	32,658	32,694	32,739	32,844	32,773
Employed	30,872	30,687	31,030	31,240	31,290	31,266	31,302	31,338	31,226	31,237	31,320	31,328	31,285
Unemployed	1,505	1,500	1,415	1,415	1,449	1,486	1,507	1,568	1,432	1,457	1,419	1,515	1,488
Unemployment rate	4.6	4.7	4.4	4.3	4.4	4.5	4.6	4.8	4.4	4.5	4.3	4.6	4.5
East North Central													
Civilian noninstitutional population ²	32,963	32,896	32,998	33,015	33,039	33,061	33,084	33,107	33,134	33,162	33,190	33,214	33,237
Civilian labor force	22,348	22,286	22,470	22,618	22,693	22,684	22,710	22,730	22,559	22,551	22,616	22,710	22,689
Employed	21,214	21,137	21,424	21,618	21,673	21,595	21,610	21,635	21,535	21,469	21,598	21,663	21,591
Unemployed	1,134	1,149	1,046	1,000	1,020	1,089	1,101	1,094	1,024	1,082	1,018	1,048	1,099
Unemployment rate	5.1	5.2	4.7	4.4	4.5	4.8	4.8	4.8	4.5	4.8	4.5	4.6	4.8
West North Central													
Civilian noninstitutional population ²	13,774	13,709	13,793	13,802	13,814	13,826	13,837	13,851	13,865	13,877	13,893	13,906	13,917
Civilian labor force	10,029	9,900	9,976	10,037	10,046	10,069	10,099	10,176	10,098	10,142	10,123	10,134	10,083
Employed	9,658	9,550	9,607	9,622	9,617	9,671	9,692	9,703	9,691	9,768	9,722	9,666	9,694
Unemployed	371	351	369	415	429	397	407	473	408	375	401	468	389
Unemployment rate	3.7	3.5	3.7	4.1	4.3	3.9	4.0	4.7	4.0	3.7	4.0	4.6	3.9
WEST													
Civilian noninstitutional population ²	43,203	43,292	43,291	43,338	43,389	43,440	43,491	43,543	43,602	43,661	43,719	43,772	43,824
Civilian labor force	28,945	29,131	29,137	29,201	28,902	29,169	29,182	29,120	29,097	29,310	29,263	29,498	29,456
Employed	27,060	27,138	27,164	27,251	26,990	27,253	27,367	27,234	27,261	27,475	27,432	27,628	27,553
Unemployed	1,885	1,993	1,974	1,951	1,913	1,916	1,815	1,886	1,836	1,835	1,831	1,870	1,903
Unemployment rate	6.5	6.8	6.8	6.7	6.6	6.6	6.2	6.5	6.3	6.3	6.3	6.3	6.5
Mountain													
Civilian noninstitutional population ²	11,735	11,755	11,790	11,818	11,847	11,875	11,904	11,932	11,965	11,995	12,026	12,055	12,084
Civilian labor force	8,169	8,214	8,251	8,140	8,105	8,222	8,181	8,131	8,182	8,205	8,178	8,281	8,330
Employed	7,788	7,781	7,826	7,747	7,726	7,763	7,760	7,680	7,721	7,769	7,765	7,885	7,920
Unemployed	381	432	425	392	378	458	421	451	461	436	413	395	410
Unemployment rate	4.7	5.3	5.1	4.8	4.7	5.6	5.1	5.5	5.6	5.3	5.1	4.8	4.9
Pacific													
Civilian noninstitutional population ²	31,468	31,538	31,502	31,520	31,542	31,565	31,587	31,611	31,637	31,666	31,693	31,718	31,739
Civilian labor force	20,776	20,917	20,887	21,062	20,798	20,947	21,000	20,989	20,915	21,105	21,084	21,218	21,126
Employed	19,272	19,356	19,338	19,503	19,263	19,489	19,606	19,554	19,540	19,707	19,667	19,743	19,633
Unemployed	1,504	1,561	1,549	1,558	1,534	1,458	1,394	1,435	1,375	1,398	1,417	1,475	1,493
Unemployment rate	7.2	7.5	7.4	7.4	7.4	7.0	6.6	6.8	6.6	6.6	6.7	7.0	7.1

¹ 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.

² 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										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
Alabama													
Civilian labor force	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	2,090.4	2,091.9	2,103.8	2,114.8
Employed	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	1,996.3	1,993.4	1,999.3	2,009.9
Unemployed	131.3	130.9	97.3	102.9	107.3	112.8	114.4	95.7	100.8	94.1	98.5	104.5	104.9
Unemployment rate	6.3	6.3	4.7	5.0	5.2	5.5	5.6	4.7	4.8	4.5	4.7	5.0	5.0
Alaska													
Civilian labor force	304.3	305.4	309.1	311.0	313.7	311.8	307.9	310.0	310.8	312.6	312.3	315.4	312.4
Employed	281.3	281.4	285.3	287.6	289.0	289.4	286.9	286.7	287.2	289.7	289.5	292.6	289.1
Unemployed	23.0	24.0	23.8	23.3	24.7	22.4	21.0	23.3	23.7	22.9	22.7	22.8	23.3
Unemployment rate	7.6	7.8	7.7	7.5	7.9	7.2	6.8	7.5	7.6	7.3	7.3	7.2	7.5
Arizona													
Civilian labor force	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	2,157.9	2,164.3	2,152.3	2,180.7
Employed	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	2,041.8	2,043.7	2,034.1	2,067.5
Unemployed	100.1	98.1	103.8	106.1	105.3	99.9	110.8	113.4	112.0	116.0	120.6	118.2	113.2
Unemployment rate	4.6	4.6	4.8	4.9	4.9	4.7	5.2	5.3	5.2	5.4	5.6	5.5	5.2
Arkansas													
Civilian labor force	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	1,248.7	1,252.9	1,248.9
Employed	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	1,179.6	1,182.3	1,183.7	1,184.2
Unemployed	58.8	58.6	61.4	60.3	61.0	56.8	57.3	62.5	66.4	65.6	66.4	69.1	64.7
Unemployment rate	4.8	4.8	5.0	4.9	4.9	4.6	4.7	5.0	5.3	5.3	5.3	5.5	5.2
California													
Civilian labor force	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	15,523.0	15,597.5	15,580.8	15,585.3
Employed	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	14,420.6	14,489.9	14,497.3	14,505.6
Unemployed	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	1,102.4	1,107.6	1,083.5	1,079.8
Unemployment rate	8.0	7.8	7.6	7.7	7.7	7.5	7.3	7.2	7.2	7.1	7.1	7.0	6.9
Colorado													
Civilian labor force	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	2,089.6	2,085.9	2,079.3	2,077.3
Employed	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	2,004.8	2,000.0	2,000.0	1,999.5
Unemployed	89.3	87.8	73.1	79.5	83.5	82.4	88.0	88.7	88.1	84.8	85.9	79.3	77.8
Unemployment rate	4.2	4.1	3.4	3.7	3.9	3.8	4.1	4.1	4.2	4.1	4.1	3.8	3.7
Connecticut													
Civilian labor force	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	1,733.6	1,746.0	1,754.1	1,753.5
Employed	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	1,652.7	1,661.1	1,666.4	1,664.5
Unemployed	95.8	95.2	93.0	89.7	89.0	86.3	84.0	83.1	81.9	81.0	84.9	87.7	88.9
Unemployment rate	5.6	5.6	5.3	5.1	5.1	4.9	4.8	4.8	4.7	4.7	4.9	5.0	5.1
Delaware													
Civilian labor force	382.2	381.9	383.5	383.8	383.9	384.9	380.4	383.4	384.3	383.2	382.6	386.3	388.4
Employed	363.8	363.6	365.3	368.0	366.5	366.9	362.3	365.5	364.5	362.9	362.7	366.4	367.2
Unemployed	18.3	18.3	18.2	15.7	17.4	18.1	18.1	17.9	19.8	20.4	19.9	19.9	21.1
Unemployment rate	4.8	4.8	4.7	4.1	4.5	4.7	4.8	4.7	5.1	5.3	5.2	5.2	5.4
District of Columbia													
Civilian labor force	279.9	280.2	280.8	282.4	277.4	267.0	269.4	263.1	266.5	263.2	267.4	266.5	266.0
Employed	255.0	255.3	257.4	259.4	253.0	244.6	245.2	241.8	242.6	239.2	244.2	244.1	246.7
Unemployed	24.8	24.9	23.4	23.0	24.3	22.4	24.2	21.3	23.9	24.0	23.2	22.4	19.4
Unemployment rate	8.9	8.9	8.3	8.1	8.8	8.4	9.0	8.1	9.0	9.1	8.7	8.4	7.3
Florida													
Civilian labor force	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	7,007.4	7,022.2	7,049.4	7,047.9
Employed	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	6,648.0	6,641.3	6,684.8	6,700.6
Unemployed	373.4	372.8	394.1	394.1	376.5	369.7	369.5	350.4	366.4	359.5	380.9	364.6	347.2
Unemployment rate	5.4	5.4	5.6	5.7	5.4	5.3	5.3	5.0	5.2	5.1	5.4	5.2	4.9

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1995		1996										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
Georgia													
Civilian labor force	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	3,775.6	3,788.8	3,797.8	3,817.9
Employed	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	3,607.7	3,621.9	3,634.3	3,644.8
Unemployed	177.0	174.7	182.2	166.9	169.5	173.2	173.6	164.7	164.4	167.8	166.9	163.4	173.2
Unemployment rate	4.9	4.8	4.9	4.5	4.5	4.6	4.6	4.4	4.3	4.4	4.4	4.3	4.5
Hawaii													
Civilian labor force	578.6	579.6	584.9	585.9	587.1	588.8	590.5	592.7	590.3	590.3	592.3	593.0	595.4
Employed	544.9	545.2	550.8	551.5	552.7	554.5	554.9	556.0	555.1	554.7	560.3	560.5	559.8
Unemployed	33.7	34.4	34.0	34.4	34.4	34.3	35.5	36.7	35.2	35.6	32.0	32.5	35.6
Unemployment rate	5.8	5.9	5.8	5.9	5.9	5.8	6.0	6.2	6.0	6.0	5.4	5.5	6.0
Idaho													
Civilian labor force	604.7	604.7	610.9	617.2	616.8	614.4	612.8	609.6	609.7	618.0	623.4	626.9	628.9
Employed	570.6	571.8	580.4	587.2	585.4	583.8	582.0	578.2	580.2	578.2	592.1	596.7	597.6
Unemployed	34.2	32.9	30.6	30.0	31.4	30.6	30.9	31.4	29.5	30.8	31.3	30.2	31.3
Unemployment rate	5.7	5.4	5.0	4.9	5.1	5.0	5.0	5.2	4.8	5.0	5.0	4.8	5.0
Illinois													
Civilian labor force	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	6,160.8	6,143.0	6,160.2	6,163.2
Employed	5,792.2	5,786.9	5,811.4	5,830.2	5,837.8	5,825.1	5,828.8	5,829.9	5,831.1	5,829.9	5,820.1	5,843.4	5,857.2
Unemployed	316.4	322.9	330.4	316.3	313.0	315.5	321.0	327.5	330.8	330.9	322.9	316.8	305.9
Unemployment rate	5.2	5.3	5.4	5.1	5.1	5.1	5.2	5.3	5.4	5.4	5.3	5.1	5.0
Indiana													
Civilian labor force	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	3,093.1	3,081.6	3,096.3	3,080.9
Employed	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	2,965.7	2,950.1	2,976.2	2,970.4
Unemployed	147.9	143.2	139.8	139.4	132.4	130.2	127.7	133.2	127.8	127.4	131.5	120.1	110.6
Unemployment rate	4.7	4.6	4.5	4.5	4.3	4.2	4.1	4.3	4.1	4.1	4.3	3.9	3.6
Iowa													
Civilian labor force	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	1,600.1	1,603.5	1,579.2	1,584.1
Employed	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	1,551.5	1,554.2	1,526.4	1,529.9
Unemployed	55.4	53.7	52.7	56.3	53.4	55.6	56.6	49.5	53.0	48.6	49.3	52.8	54.2
Unemployment rate	3.5	3.4	3.4	3.5	3.3	3.5	3.5	3.1	3.3	3.0	3.1	3.3	3.4
Kansas													
Civilian labor force	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	1,359.2	1,361.4	1,370.4	1,370.8
Employed	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	1,306.3	1,314.5	1,316.1
Unemployed	56.1	54.9	51.3	50.2	50.8	54.6	55.7	52.8	54.7	56.3	55.0	55.9	54.7
Unemployment rate	4.2	4.1	3.8	3.7	3.8	4.0	4.1	3.9	4.0	4.1	4.0	4.1	4.0
Kentucky													
Civilian labor force	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	1,854.2	1,868.2	1,883.1	1,877.9
Employed	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	1,770.4	1,780.8	1,792.6	1,783.8
Unemployed	102.9	100.8	102.5	94.8	93.8	95.6	93.8	94.9	92.6	83.8	87.4	90.6	94.1
Unemployment rate	5.5	5.4	5.5	5.1	5.1	5.2	5.1	5.2	5.0	4.5	4.7	4.8	5.0
Louisiana													
Civilian labor force	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	1,992.7	2,025.2	2,020.7	2,010.9
Employed	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	1,856.8	1,884.8	1,874.1	1,888.8
Unemployed	127.4	127.9	130.9	131.5	123.8	124.6	132.2	132.6	136.4	135.9	140.4	146.6	122.1
Unemployment rate	6.5	6.5	6.6	6.7	6.2	6.3	6.7	6.7	6.8	6.8	6.9	7.3	6.1
Maine													
Civilian labor force	653.8	654.0	648.9	651.5	656.1	657.0	655.2	658.1	660.4	667.0	671.9	669.4	666.1
Employed	618.4	619.4	615.9	618.1	622.7	622.6	618.7	622.2	623.7	630.6	637.4	635.6	638.5
Unemployed	35.4	34.5	33.0	33.3	33.4	34.4	36.5	36.0	36.7	36.4	34.5	33.8	27.7
Unemployment rate	5.4	5.3	5.1	5.1	5.1	5.2	5.6	5.5	5.6	5.5	5.1	5.0	4.2

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										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
Maryland													
Civilian labor force	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	2,784.2	2,803.9	2,814.7	2,818.0
Employed	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	2,651.5	2,667.2	2,686.3	2,695.0
Unemployed	141.0	138.3	138.8	130.5	133.6	135.5	137.0	132.5	134.8	132.7	136.6	128.4	123.0
Unemployment rate	5.2	5.1	5.1	4.8	4.9	5.0	5.0	4.8	4.9	4.8	4.9	4.6	4.4
Massachusetts													
Civilian labor force	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	3,166.0	3,176.3	3,176.6	3,177.1
Employed	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	3,039.3	3,042.5	3,047.3	3,051.9
Unemployed	167.6	166.5	162.4	158.9	153.5	157.7	155.5	152.2	142.0	126.8	133.7	129.2	125.2
Unemployment rate	5.3	5.2	5.1	5.0	4.8	4.9	4.9	4.8	4.5	4.0	4.2	4.1	3.9
Michigan													
Civilian labor force	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	4,828.6	4,862.2	4,880.5	4,894.2
Employed	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	4,611.8	4,635.8	4,645.8	4,665.2
Unemployed	245.7	242.6	238.3	233.2	222.3	222.3	225.4	219.9	231.7	216.8	226.4	234.7	228.9
Unemployment rate	5.2	5.1	4.9	4.8	4.6	4.6	4.7	4.5	4.8	4.5	4.7	4.8	4.7
Minnesota													
Civilian labor force	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	2,645.4	2,635.2	2,618.1	2,610.1
Employed	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	2,543.3	2,533.1	2,523.8	2,513.2
Unemployed	98.4	99.0	82.4	80.9	90.0	96.5	90.7	95.7	99.8	102.1	102.2	94.3	96.9
Unemployment rate	3.8	3.8	3.2	3.1	3.5	3.7	3.5	3.7	3.8	3.9	3.9	3.6	3.7
Mississippi													
Civilian labor force	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	1,262.7	1,258.8	1,266.2	1,261.5
Employed	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	1,185.0	1,195.0	1,192.8	1,191.9
Unemployed	78.0	76.2	81.4	79.2	74.7	80.4	80.5	71.0	76.5	77.7	63.9	73.3	69.6
Unemployment rate	6.2	6.1	6.4	6.3	5.9	6.3	6.3	5.7	6.0	6.2	5.1	5.8	5.5
Missouri													
Civilian labor force	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	2,841.9	2,856.1	2,877.2	2,890.1
Employed	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	2,731.4	2,745.7	2,759.6	2,760.5
Unemployed	119.2	118.7	97.7	102.5	111.1	122.0	122.1	119.4	126.5	110.5	110.4	117.5	129.6
Unemployment rate	4.2	4.2	3.5	3.6	3.9	4.3	4.3	4.2	4.4	3.9	3.9	4.1	4.5
Montana													
Civilian labor force	436.6	438.8	445.8	448.6	445.9	446.6	447.6	449.4	448.6	449.3	453.4	457.1	454.9
Employed	409.6	412.0	420.1	423.2	422.6	421.0	422.7	425.6	424.4	424.4	428.6	434.7	434.0
Unemployed	27.0	26.8	25.7	25.3	23.3	25.6	24.9	23.8	24.2	24.8	24.7	22.3	20.9
Unemployment rate	6.2	6.1	5.8	5.6	5.2	5.7	5.6	5.3	5.4	5.5	5.5	4.9	4.6
Nebraska													
Civilian labor force	903.3	903.8	906.6	905.6	900.3	903.5	903.5	904.2	907.1	904.6	907.7	912.0	917.4
Employed	879.1	879.1	882.9	879.7	876.1	877.7	876.5	877.3	880.8	880.9	885.6	887.1	892.2
Unemployed	24.2	24.7	23.7	25.9	24.2	25.8	27.0	26.9	26.3	23.7	22.0	24.9	25.2
Unemployment rate	2.7	2.7	2.6	2.9	2.7	2.9	3.0	3.0	2.9	2.6	2.4	2.7	2.7
Nevada													
Civilian labor force	814.6	815.5	827.3	834.0	835.3	835.1	838.7	839.3	840.5	845.4	857.3	854.5	858.5
Employed	772.4	773.9	784.9	792.0	796.1	793.3	793.3	799.5	799.9	801.8	811.0	810.2	815.8
Unemployed	42.2	41.6	42.4	41.9	39.2	41.8	45.4	39.8	40.6	43.7	46.3	44.4	42.8
Unemployment rate	5.2	5.1	5.1	5.0	4.7	5.0	5.4	4.7	4.8	5.2	5.4	5.2	5.0
New Hampshire													
Civilian labor force	632.4	632.2	629.4	631.0	631.4	629.5	628.2	625.8	628.8	625.2	632.2	629.4	633.4
Employed	609.8	610.2	608.7	608.5	608.4	607.1	603.3	600.0	604.2	601.7	604.7	601.6	608.6
Unemployed	22.6	22.0	20.7	22.5	23.0	22.4	24.9	25.7	24.6	23.6	27.4	27.8	24.9
Unemployment rate	3.6	3.5	3.3	3.6	3.6	3.6	4.0	4.1	3.9	3.8	4.3	4.4	3.9

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1995		1996										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
New Jersey													
Civilian labor force	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	4,095.0	4,100.2	4,108.8	4,115.7
Employed	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	3,844.6	3,844.2	3,856.4	3,860.0
Unemployed	265.3	263.8	260.7	261.4	262.3	270.3	249.6	251.5	248.9	250.4	256.1	252.5	255.7
Unemployment rate	6.5	6.5	6.4	6.4	6.4	6.6	6.1	6.2	6.1	6.1	6.2	6.1	6.2
New Mexico													
Civilian labor force	795.9	798.3	812.2	812.7	811.0	810.0	810.4	815.2	818.3	819.7	815.8	814.9	818.7
Employed	744.2	746.6	759.8	759.2	756.9	755.4	755.3	758.4	760.5	761.5	758.2	758.8	761.0
Unemployed	51.6	51.7	52.4	53.5	54.1	54.6	55.2	56.8	57.8	58.2	57.6	56.2	57.7
Unemployment rate	6.5	6.5	6.5	6.6	6.7	6.7	6.8	7.0	7.1	7.1	7.1	6.9	7.1
New York													
Civilian labor force	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	8,580.5	8,583.8	8,586.7	8,587.8
Employed	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	8,056.0	8,074.8	8,081.4	8,074.1
Unemployed	533.4	534.5	529.5	508.5	556.5	547.0	546.7	541.1	558.5	524.5	509.0	505.4	513.8
Unemployment rate	6.3	6.3	6.2	6.0	6.5	6.4	6.4	6.3	6.5	6.1	5.9	5.9	6.0
North Carolina													
Civilian labor force	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	3,718.7	3,723.3	3,751.9	3,745.2
Employed	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	3,565.2	3,566.2	3,593.4	3,593.7
Unemployed	162.8	167.9	184.2	163.8	162.9	164.6	159.6	155.5	158.7	153.5	157.1	158.6	151.5
Unemployment rate	4.5	4.6	5.0	4.4	4.4	4.4	4.3	4.2	4.3	4.1	4.2	4.2	4.0
North Dakota													
Civilian labor force	335.2	335.0	343.2	345.0	343.8	341.2	341.7	341.8	340.1	339.6	341.3	343.7	344.1
Employed	324.6	324.5	332.6	334.7	333.8	330.0	331.1	331.2	330.6	330.5	331.7	335.0	334.8
Unemployed	10.6	10.5	10.6	10.3	10.0	11.1	10.6	10.6	9.5	9.1	9.5	8.7	9.4
Unemployment rate	3.2	3.1	3.1	3.0	2.9	3.3	3.1	3.1	2.8	2.7	2.8	2.5	2.7
Ohio													
Civilian labor force	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	5,725.2	5,730.7	5,725.9	5,750.8
Employed	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	5,461.3	5,453.8	5,455.0	5,465.8
Unemployed	291.6	283.8	302.2	285.8	289.3	259.8	280.3	282.6	273.6	263.8	276.8	270.9	285.0
Unemployment rate	5.2	5.0	5.3	5.0	5.1	4.6	4.9	4.9	4.8	4.6	4.8	4.7	5.0
Oklahoma													
Civilian labor force	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	1,580.9	1,586.6	1,592.3	1,586.9
Employed	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	1,512.1	1,517.6	1,527.0	1,519.4
Unemployed	69.2	67.2	73.3	74.1	69.6	70.1	68.4	68.2	68.6	68.9	69.0	65.3	67.5
Unemployment rate	4.5	4.3	4.7	4.7	4.5	4.5	4.3	4.3	4.3	4.4	4.3	4.1	4.3
Oregon													
Civilian labor force	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	1,707.1	1,725.3	1,725.7	1,735.0
Employed	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	1,615.3	1,638.7	1,635.5	1,640.2
Unemployed	83.1	80.9	82.2	83.6	88.3	92.7	90.5	87.3	91.6	91.8	86.7	90.2	94.8
Unemployment rate	5.0	4.9	4.9	4.9	5.1	5.3	5.2	5.1	5.3	5.4	5.0	5.2	5.5
Pennsylvania													
Civilian labor force	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	5,898.9	5,877.5	5,883.3	5,883.5
Employed	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	5,586.5	5,583.5	5,590.0	5,605.5
Unemployed	354.0	348.0	361.3	324.1	330.2	333.9	345.6	303.1	304.2	312.4	294.0	293.3	278.0
Unemployment rate	6.0	6.0	6.2	5.5	5.6	5.7	5.9	5.1	5.2	5.3	5.0	5.0	4.7
Rhode Island													
Civilian labor force	482.8	483.1	489.2	487.8	488.2	488.3	487.8	490.0	488.9	492.9	493.0	493.1	495.0
Employed	449.8	449.8	458.3	458.9	463.2	463.1	465.2	466.6	465.4	467.2	467.8	471.6	470.8
Unemployed	33.0	33.3	30.9	28.8	25.0	25.1	22.6	23.4	23.5	25.7	25.2	21.5	24.2
Unemployment rate	6.8	6.9	6.3	5.9	5.1	5.1	4.6	4.8	4.8	5.2	5.1	4.4	4.9

See footnotes at end of table.

STATE LABOR FORCE DATA
SEASONALLY ADJUSTED

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

(Numbers in thousands)

State	1995		1996										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
South Carolina													
Civilian labor force	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	1,860.7	1,854.2	1,865.8	1,872.4
Employed	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	1,751.6	1,744.4	1,752.3	1,757.4
Unemployed	98.7	99.1	101.2	86.7	89.8	103.2	100.0	112.1	111.2	109.1	109.8	113.4	114.9
Unemployment rate	5.3	5.3	5.4	4.7	4.9	5.5	5.4	6.0	6.0	5.9	5.9	6.1	6.1
South Dakota													
Civilian labor force	384.7	385.2	387.1	388.5	389.6	389.5	389.7	388.7	389.4	390.0	389.1	390.8	393.4
Employed	373.4	373.9	376.2	377.3	377.9	376.9	378.8	377.9	377.8	378.9	377.8	379.9	382.1
Unemployed	11.3	11.3	10.9	11.2	11.7	12.5	10.9	10.7	11.6	11.0	11.3	11.0	11.3
Unemployment rate	2.9	2.9	2.8	2.9	3.0	3.2	2.8	2.8	3.0	2.8	2.9	2.8	2.9
Tennessee													
Civilian labor force	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	2,752.5	2,753.3	2,777.3	2,783.9
Employed	2,581.4	2,585.5	2,600.7	2,599.3	2,630.1	2,617.3	2,614.3	2,619.5	2,626.6	2,631.4	2,628.5	2,641.5	2,642.8
Unemployed	151.4	152.8	153.0	148.8	139.9	133.5	130.3	128.4	136.4	121.1	124.8	135.8	141.1
Unemployment rate	5.5	5.6	5.6	5.4	5.0	4.9	4.7	4.7	4.9	4.4	4.5	4.9	5.1
Texas													
Civilian labor force	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	9,680.6	9,690.8	9,731.4	9,754.1
Employed	9,063.1	9,079.6	9,108.5	9,145.2	9,130.3	9,125.0	9,126.7	9,120.5	9,120.2	9,135.5	9,169.1	9,220.8	9,216.3
Unemployed	599.3	588.8	596.0	581.8	586.0	589.2	572.1	571.1	556.9	545.1	521.6	510.6	537.8
Unemployment rate	6.2	6.1	6.1	6.0	6.0	6.1	5.9	5.9	5.8	5.6	5.4	5.2	5.5
Utah													
Civilian labor force	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	1,010.7	1,012.3	1,018.4	1,020.6
Employed	940.9	944.4	975.3	975.9	973.2	978.4	981.4	979.1	975.2	981.0	981.5	986.4	989.6
Unemployed	32.9	30.6	31.1	32.0	32.1	31.1	33.5	35.1	31.5	29.7	30.8	32.0	31.0
Unemployment rate	3.4	3.1	3.1	3.2	3.2	3.1	3.3	3.5	3.1	2.9	3.0	3.1	3.0
Vermont													
Civilian labor force	322.5	322.2	325.3	324.8	326.0	323.5	323.7	321.9	322.9	325.4	326.5	326.4	327.7
Employed	308.2	308.7	311.7	311.6	313.1	310.7	310.9	308.8	309.3	311.4	312.1	311.7	313.1
Unemployed	14.3	13.5	13.7	13.2	12.9	12.7	12.8	13.1	13.6	14.0	14.4	14.7	14.7
Unemployment rate	4.4	4.2	4.2	4.1	3.9	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.5
Virginia													
Civilian labor force	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	3,494.5	3,480.2	3,471.4	3,483.2
Employed	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	3,353.3	3,333.7	3,323.7	3,345.5
Unemployed	159.2	154.4	155.2	141.7	137.4	149.0	148.1	153.3	154.7	141.2	146.5	147.7	137.7
Unemployment rate	4.5	4.4	4.4	4.1	4.0	4.3	4.3	4.4	4.4	4.0	4.2	4.3	4.0
Washington													
Civilian labor force	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	2,874.0	2,867.6	2,871.0	2,892.5
Employed	2,645.5	2,647.1	2,661.2	2,656.7	2,671.0	2,663.1	2,686.9	2,711.7	2,743.0	2,704.4	2,694.8	2,706.3	2,724.6
Unemployed	182.3	176.6	167.2	168.4	174.8	179.2	178.7	176.3	171.3	169.6	172.8	164.7	167.9
Unemployment rate	6.4	6.3	5.9	6.0	6.1	6.3	6.2	6.1	5.9	5.9	6.0	5.7	5.8
West Virginia													
Civilian labor force	796.3	792.8	805.3	802.9	805.3	804.2	809.1	805.8	801.5	800.5	803.9	806.1	807.6
Employed	731.4	732.0	737.5	743.3	740.9	742.5	751.2	746.6	747.9	745.4	745.6	747.7	749.1
Unemployed	65.0	60.8	67.8	59.6	64.4	61.7	57.9	59.2	53.6	55.1	58.3	58.3	58.5
Unemployment rate	8.2	7.7	8.4	7.4	8.0	7.7	7.2	7.3	6.7	6.9	7.2	7.2	7.2
Wisconsin													
Civilian labor force	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	2,905.4	2,900.0	2,924.3	2,921.1
Employed	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	2,804.2	2,803.7	2,833.8	2,830.1
Unemployed	108.0	106.2	112.1	113.6	106.9	105.6	104.1	99.7	102.7	101.2	96.3	90.5	91.0
Unemployment rate	3.8	3.7	3.9	3.9	3.7	3.6	3.6	3.4	3.5	3.5	3.3	3.1	3.1
Wyoming													
Civilian labor force	256.6	256.5	256.1	256.2	257.3	259.5	260.1	257.8	256.6	257.0	257.1	255.8	256.5
Employed	244.7	245.2	245.3	245.6	245.3	246.4	248.3	246.9	245.1	244.9	244.9	243.6	244.8
Unemployed	11.9	11.2	10.8	10.6	12.0	13.0	11.8	10.9	11.5	12.1	12.2	12.1	11.7
Unemployment rate	4.6	4.4	4.2	4.1	4.7	5.0	4.5	4.2	4.5	4.7	4.7	4.7	4.6

^P = 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		
	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P
Alabama	2,088.0	2,112.5	2,132.2	126.5	107.3	102.4	6.1	5.1	4.8
Birmingham	445.9	451.6	457.6	17.6	14.8	14.3	3.9	3.3	3.1
Huntsville	161.4	161.6	163.4	6.7	5.1	4.9	4.1	3.2	3.0
Mobile	260.3	269.2	270.7	16.8	13.3	12.2	6.4	4.9	4.5
Montgomery	153.8	157.5	159.6	7.5	7.0	6.6	4.9	4.4	4.2
Tuscaloosa	77.3	78.4	79.6	3.0	2.7	2.6	3.9	3.5	3.3
Alaska	302.1	313.0	309.6	23.0	21.2	23.3	7.6	6.8	7.5
Anchorage	135.4	135.7	136.0	7.1	6.7	7.3	5.3	4.9	5.3
Arizona	2,160.8	2,172.4	2,185.3	93.3	128.1	105.4	4.3	5.9	4.8
Phoenix-Mesa	1,385.7	1,397.3	1,417.0	40.9	55.4	46.3	3.0	4.0	3.3
Tucson	377.6	371.2	371.4	11.4	15.0	12.7	3.0	4.0	3.4
Arkansas	1,227.1	1,252.9	1,247.6	53.7	60.1	59.0	4.4	4.8	4.7
Fayetteville-Springdale-Rogers	135.9	141.7	141.2	2.9	4.3	3.4	2.2	3.0	2.4
Fort Smith	95.8	95.8	95.4	4.5	4.5	4.3	4.7	4.7	4.6
Little Rock-North Little Rock	296.5	303.8	303.2	9.3	10.7	10.4	3.1	3.5	3.4
Pine Bluff	36.6	37.4	37.2	2.3	2.8	2.7	6.2	7.6	7.3
California	15,461.4	15,646.9	15,578.9	1,196.8	1,035.4	1,043.1	7.7	6.6	6.7
Bakersfield	278.4	281.2	279.9	41.1	36.0	37.6	14.8	12.8	13.4
Fresno	413.1	408.8	401.5	65.9	53.3	58.7	16.0	13.0	14.6
Los Angeles-Long Beach	4,391.9	4,447.0	4,414.5	339.1	329.0	319.3	7.7	7.4	7.2
Modesto	193.7	194.1	193.3	29.3	24.7	27.1	15.1	12.7	14.0
Oakland	1,134.5	1,154.1	1,149.0	61.1	53.8	50.3	5.4	4.7	4.4
Orange County	1,323.0	1,355.8	1,350.3	63.9	51.7	47.8	4.8	3.8	3.5
Riverside-San Bernardino	1,287.1	1,314.1	1,314.6	109.6	98.2	94.5	8.5	7.5	7.2
Sacramento	723.3	733.8	736.0	46.3	39.7	39.2	6.4	5.4	5.3
Salinas	177.7	179.8	183.4	22.4	12.4	19.5	12.6	6.9	10.6
San Diego	1,231.0	1,238.7	1,234.0	77.1	61.6	56.8	6.3	5.0	4.6
San Francisco	895.5	890.2	891.8	41.1	32.6	30.3	4.6	3.7	3.4
San Jose	863.8	894.3	892.3	36.4	31.9	29.9	4.2	3.6	3.3
Santa Barbara-Santa Maria-Lompoc	194.1	193.2	193.4	13.2	10.2	11.4	6.8	5.3	5.9
Santa Rosa	227.5	230.7	227.9	10.9	8.6	8.6	4.8	3.7	3.8
Stockton-Lodi	240.8	244.0	240.8	30.5	23.5	26.9	12.7	9.7	11.2
Vallejo-Fairfield-Napa	230.6	236.7	234.3	17.3	15.7	16.1	7.5	6.6	6.9
Ventura	387.8	388.5	388.4	32.4	27.3	28.6	8.4	7.0	7.4
Colorado	2,134.7	2,101.1	2,093.6	84.8	73.8	73.9	4.0	3.5	3.5
Boulder-Longmont	166.5	166.3	165.3	6.5	5.3	5.2	3.9	3.2	3.2
Colorado Springs	242.2	243.5	241.3	9.8	9.6	9.2	4.1	4.0	3.8
Denver	1,077.5	1,055.3	1,051.8	38.7	33.5	32.7	3.6	3.2	3.1
Connecticut	1,697.9	1,747.9	1,741.8	86.6	79.9	80.6	5.1	4.6	4.6
Bridgeport	217.4	222.4	221.7	12.9	12.0	11.9	5.9	5.4	5.3
Danbury	107.1	107.9	107.8	3.6	3.3	3.4	3.3	3.1	3.1
Hartford	589.0	598.9	596.7	32.1	28.8	28.9	5.4	4.8	4.8
New Haven-Meriden	267.5	276.9	276.7	14.2	12.9	13.1	5.3	4.7	4.7
New London-Norwich	147.9	157.3	155.7	7.3	7.7	7.9	4.9	4.9	5.1
Stamford-Newark	185.0	193.6	193.2	6.6	5.7	5.9	3.6	3.0	3.0
Waterbury	115.9	121.1	120.7	6.6	6.1	6.1	5.7	5.0	5.0
Delaware	383.8	383.9	389.8	17.0	18.9	19.9	4.4	4.9	5.1
Dover	70.4	71.1	72.9	3.1	3.2	3.4	4.3	4.5	4.7
Wilmington-Newark	284.7	286.7	290.7	13.7	17.5	17.5	4.8	6.1	6.0
District of Columbia	277.5	265.1	263.7	24.8	20.7	19.5	9.0	7.8	7.4
Washington	2,559.6	2,575.5	2,583.0	103.6	94.7	86.9	4.0	3.7	3.4
Florida	6,872.6	7,065.7	7,041.3	370.2	367.5	340.6	5.4	5.2	4.8
Daytona Beach	186.4	191.5	189.8	8.6	7.8	7.2	4.6	4.0	3.8
Fort Lauderdale	723.9	753.2	749.9	40.5	38.8	36.7	5.6	5.1	4.9
Fort Myers-Cape Coral	172.7	174.9	175.1	7.3	6.4	5.7	4.2	3.6	3.2
Gainesville	101.6	103.7	103.1	2.9	2.8	2.8	2.8	2.7	2.7
Jacksonville	505.3	524.6	519.8	17.9	19.3	18.3	3.6	3.7	3.5
Lakeland-Winter Haven	198.2	198.2	201.1	12.8	14.5	12.5	6.5	7.3	6.2
Melbourne-Titusville-Palm Bay	198.6	200.8	198.6	12.9	10.6	10.0	6.5	5.3	5.0
Miami	1,039.6	1,063.8	1,059.6	76.0	78.8	76.5	7.3	7.4	7.2
Orlando	752.1	775.8	769.8	32.5	29.2	26.0	4.3	3.8	3.4
Pensacola	167.5	173.1	172.0	7.9	6.2	6.2	4.7	3.6	3.6
Sarasota-Bradenton	229.6	237.9	238.2	8.2	8.4	7.3	3.6	3.5	3.1
Tallahassee	144.5	151.0	149.7	4.1	4.5	4.4	2.8	3.0	2.9
Tampa-St. Petersburg-Clearwater	1,100.5	1,128.9	1,125.8	47.2	42.6	40.7	4.3	3.8	3.6
West Palm Beach-Boca Raton	454.2	467.1	465.6	31.1	35.6	29.9	6.9	7.6	6.4

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		
	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P
Georgia	3,665.3	3,814.3	3,825.6	167.1	176.3	162.6	4.6	4.6	4.3
Albany	54.1	56.4	56.4	3.1	3.4	3.0	5.7	6.1	5.3
Athens	70.0	73.6	74.1	2.2	2.2	2.0	3.2	2.9	2.7
Atlanta	1,912.3	2,003.8	2,014.1	75.0	79.2	73.0	3.9	4.0	3.6
Augusta-Aiken	199.9	202.9	201.7	12.7	13.8	12.5	6.4	6.8	6.2
Columbus	116.4	120.2	120.4	6.9	6.1	5.3	5.9	5.1	4.4
Macon	143.2	147.7	147.3	6.9	7.3	6.2	4.8	4.9	4.2
Savannah	126.7	134.3	134.4	5.8	6.3	6.0	4.6	4.7	4.5
Hawaii	580.7	589.6	596.8	32.5	32.4	34.6	5.6	5.5	5.8
Honolulu	422.8	427.9	433.3	19.0	19.8	21.3	4.5	4.6	4.9
Idaho	603.5	624.4	626.7	32.0	24.9	29.6	5.3	4.0	4.7
Boise City	203.0	212.9	213.2	8.5	6.9	7.4	4.2	3.2	3.5
Illinois	6,113.5	6,159.2	6,163.4	285.6	292.4	276.9	4.7	4.7	4.5
Bloomington-Normal	80.8	79.9	80.0	2.1	1.9	1.8	2.6	2.4	2.3
Champaign-Urbana	94.0	91.5	94.0	2.5	2.6	2.6	2.6	2.9	2.8
Chicago	4,051.8	4,103.1	4,110.9	187.7	190.0	176.6	4.6	4.6	4.3
Davenport-Moline-Rock Island	182.3	181.2	182.1	7.6	6.3	6.8	4.2	3.5	3.8
Decatur	60.3	59.7	59.7	4.1	4.8	4.7	6.8	8.0	7.9
Kankakee	51.6	51.5	51.4	2.9	2.6	2.6	5.6	5.1	5.0
Peoria-Pekin	181.0	179.9	179.7	7.1	9.1	8.7	3.9	5.1	4.8
Rockford	194.0	194.0	194.4	6.6	7.4	7.3	3.4	3.8	3.8
Springfield	106.4	106.5	106.5	4.1	4.3	4.2	3.9	4.0	4.0
Indiana	3,125.9	3,099.0	3,078.8	138.9	109.6	102.3	4.4	3.5	3.3
Bloomington	63.2	64.7	64.5	1.6	1.3	1.2	2.5	2.0	1.8
Elkhart-Goshen	96.4	97.7	97.1	4.0	3.4	3.6	4.2	3.5	3.7
Evansville-Henderson	156.9	152.9	152.2	7.0	5.8	5.6	4.4	3.8	3.7
Fort Wayne	265.9	264.5	262.4	9.9	7.7	7.0	3.7	2.9	2.7
Gary	305.8	304.3	301.7	19.0	13.7	11.6	6.2	4.5	3.8
Indianapolis	818.3	809.1	805.9	30.0	23.3	21.2	3.7	2.9	2.6
Kokomo	56.4	56.1	55.8	2.1	1.7	1.6	3.7	3.0	2.9
Lafayette	84.4	87.3	86.8	2.3	1.9	1.9	2.7	2.2	2.2
Muncie	64.6	64.3	64.8	3.1	2.4	2.3	4.9	3.8	3.5
South Bend	140.0	135.4	134.9	5.9	4.8	4.4	4.2	3.5	3.3
Terre Haute	78.0	77.2	76.9	4.9	3.9	3.8	6.3	5.0	4.9
Iowa	1,578.9	1,588.4	1,595.4	52.4	43.6	51.2	3.3	2.7	3.2
Cedar Rapids	109.7	109.0	110.5	2.8	2.3	2.8	2.5	2.1	2.5
Des Moines	256.4	253.6	258.2	5.9	6.2	7.0	2.3	2.4	2.7
Dubuque	50.7	49.6	50.2	2.4	1.8	2.0	4.7	3.6	4.0
Iowa City	67.8	66.3	67.7	1.8	1.6	1.7	2.7	2.4	2.5
Sioux City	66.1	65.2	65.6	2.1	1.9	2.1	3.1	3.0	3.3
Waterloo-Cedar Falls	70.0	68.6	69.6	2.8	2.4	2.6	4.0	3.5	3.7
Kansas	1,341.2	1,364.6	1,374.2	55.3	54.0	54.1	4.1	4.0	3.9
Lawrence	52.0	51.9	52.6	2.2	2.2	2.2	4.3	4.3	4.2
Topeka	89.5	89.7	90.9	4.1	4.8	4.8	4.6	5.3	5.3
Wichita	259.1	270.2	273.0	10.9	10.2	9.8	4.2	3.8	3.6
Kentucky	1,862.1	1,875.7	1,881.7	99.3	87.2	91.2	5.3	4.6	4.8
Lexington	245.2	248.9	248.1	7.2	5.9	5.7	2.9	2.4	2.3
Louisville	527.5	532.5	534.4	21.9	19.8	19.7	4.2	3.7	3.7
Owensboro	49.1	49.7	50.2	2.5	2.3	2.4	5.1	4.5	4.8
Louisiana	1,959.1	2,022.4	2,006.3	118.8	138.1	112.7	6.1	6.8	5.6
Alexandria	58.5	59.5	59.3	3.3	4.1	3.5	5.7	6.9	5.9
Baton Rouge	281.3	293.4	292.4	14.8	17.0	13.9	5.3	5.8	4.7
Houma	81.0	84.4	84.6	3.6	3.4	3.0	4.5	4.0	3.5
Lafayette	162.7	170.1	169.2	9.6	10.3	8.2	5.9	6.1	4.9
Lake Charles	86.1	89.8	89.4	4.9	6.4	5.2	5.7	7.1	5.9
Monroe	68.3	70.9	70.6	3.8	4.7	3.9	5.6	6.6	5.6
New Orleans	605.3	619.8	616.7	34.5	41.5	32.7	5.7	6.7	5.3
Shreveport-Bossier City	177.9	186.9	185.9	11.9	13.6	11.1	6.7	7.3	6.0
Maine	647.5	669.0	660.3	36.6	28.3	28.9	5.7	4.2	4.4
Lewiston-Auburn	52.5	52.5	52.9	2.9	2.6	2.3	5.5	5.0	4.3
Portland	126.2	131.6	132.6	4.0	3.3	3.0	3.1	2.5	2.3

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		
	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P
Maryland	2,727.2	2,821.1	2,820.8	141.2	128.8	123.3	5.2	4.6	4.4
Baltimore	1,276.8	1,322.4	1,320.8	72.4	67.6	63.1	5.7	5.1	4.8
Massachusetts	3,175.0	3,171.5	3,176.2	153.9	115.1	112.1	4.8	3.6	3.5
Barnstable-Yarmouth	68.6	71.7	69.0	4.7	2.6	3.6	6.9	3.6	5.2
Boston	1,754.3	1,746.3	1,753.6	72.9	56.6	52.8	4.2	3.2	3.0
Brockton	128.8	127.7	127.1	7.0	5.6	5.2	5.4	4.4	4.1
Fitchburg-Leominster	69.8	70.3	70.7	4.2	3.1	3.0	6.0	4.4	4.3
Lawrence	193.9	194.5	195.5	10.2	10.7	10.0	5.3	5.5	5.1
Lowell	153.3	152.9	153.4	7.3	5.9	5.6	4.8	3.9	3.7
New Bedford	83.8	82.7	82.5	7.4	5.3	5.2	8.9	6.5	6.4
Pittsfield	40.1	40.6	40.6	2.4	1.8	1.9	6.0	4.3	4.6
Springfield	281.8	281.5	282.8	15.1	10.3	10.3	5.3	3.7	3.6
Worcester	244.9	246.0	248.2	10.8	7.9	7.7	4.4	3.2	3.1
Michigan	4,737.1	4,881.0	4,889.4	222.4	202.7	205.5	4.7	4.2	4.2
Ann Arbor	272.3	278.7	281.1	7.8	7.0	7.3	2.9	2.5	2.6
Benton Harbor	81.7	83.6	83.6	4.2	4.7	4.6	5.1	5.6	5.5
Detroit	2,127.7	2,204.6	2,208.0	91.4	85.0	84.1	4.3	3.9	3.8
Flint	201.0	201.0	201.5	12.8	11.9	10.8	6.4	5.9	5.3
Grand Rapids-Muskegon-Holland	537.8	562.1	562.9	19.6	20.2	19.9	3.6	3.6	3.5
Jackson	73.0	74.3	74.6	3.1	3.4	3.2	4.2	4.6	4.3
Kalamazoo-Battle-Creek	223.3	225.2	226.2	9.3	8.7	8.8	4.2	3.8	3.9
Lansing-East Lansing	233.1	236.9	238.1	7.0	7.4	7.1	3.0	3.1	3.0
Saginaw-Bay City-Midland	191.0	193.8	195.5	9.3	7.6	7.8	4.9	3.9	4.0
Minnesota	2,600.7	2,628.0	2,615.6	85.6	85.4	83.8	3.3	3.3	3.2
Duluth-Superior	122.0	122.4	123.6	6.3	5.4	5.5	5.1	4.4	4.5
Minneapolis-St.Paul	1,611.8	1,628.7	1,622.6	42.5	46.8	40.5	2.6	2.9	2.5
Rochester	63.3	65.1	64.4	1.6	1.5	1.5	2.5	2.4	2.3
St. Cloud	92.6	93.7	93.9	3.0	3.7	3.8	3.3	3.9	4.0
Mississippi	1,266.3	1,262.1	1,262.9	70.0	65.6	60.8	5.5	5.2	4.8
Jackson	219.9	217.0	220.1	7.3	7.0	6.2	3.3	3.2	2.8
Missouri	2,841.3	2,872.1	2,884.8	107.0	100.3	116.1	3.8	3.5	4.0
Kansas City	931.6	949.7	956.8	35.1	32.7	33.5	3.8	3.4	3.5
St. Louis LMA	1,339.9	1,350.6	1,353.5	49.9	49.9	54.6	3.7	3.7	4.0
Springfield	165.2	167.6	168.4	4.6	4.5	5.3	2.8	2.7	3.1
Montana	433.8	453.5	452.1	26.9	20.0	21.0	6.2	4.4	4.7
Nebraska	902.9	914.1	917.0	21.1	23.0	22.0	2.3	2.5	2.4
Lincoln	138.1	138.8	140.5	2.8	3.3	2.9	2.0	2.4	2.1
Omaha	371.7	372.2	374.3	9.0	9.9	9.5	2.4	2.7	2.5
Nevada	816.1	858.0	858.6	39.7	41.4	40.0	4.9	4.8	4.7
Las Vegas	610.8	648.5	649.4	30.7	35.0	30.3	5.0	5.4	4.7
Reno	164.6	169.7	169.3	6.8	6.6	6.9	4.1	3.9	4.1
New Hampshire	634.9	628.4	636.0	22.2	24.5	24.2	3.5	3.9	3.8
Manchester	99.7	95.8	98.6	3.2	3.5	3.2	3.2	3.6	3.3
Nashua	96.7	96.8	97.3	3.5	4.0	3.6	3.6	4.2	3.7
Portsmouth-Rochester	121.5	117.8	119.8	3.6	4.1	3.9	3.0	3.5	3.2
New Jersey	4,082.4	4,107.0	4,117.1	248.4	236.4	239.0	6.1	5.8	5.8
Atlantic-Cape May	165.2	170.8	169.3	16.6	14.3	17.0	10.1	8.4	10.0
Bergen-Passaic	669.0	666.9	667.2	42.3	39.3	39.1	6.3	5.9	5.9
Jersey City	287.3	288.2	289.6	25.4	25.1	24.7	8.8	8.7	8.5
Middlesex-Somerset-Hunterdon	606.0	611.1	615.0	26.4	25.9	25.1	4.4	4.2	4.1
Monmouth-Ocean	500.0	512.5	512.4	27.2	26.4	26.9	5.4	5.1	5.2
Newark	1,008.8	1,010.2	1,011.6	59.7	58.1	56.3	5.9	5.8	5.6
Trenton	170.3	170.4	170.2	9.6	9.0	8.9	5.6	5.3	5.2
Vineland-Millville-Bridgeton	65.0	65.0	65.7	5.9	5.4	6.3	9.1	8.4	9.6
New Mexico	798.4	815.8	820.2	47.9	53.8	53.9	6.0	6.6	6.6
Albuquerque	344.2	352.7	356.1	13.4	16.2	15.3	3.9	4.6	4.3
Las Cruces	64.3	66.5	66.9	4.8	5.2	5.2	7.5	7.8	7.9
Santa Fe	73.3	72.6	73.6	3.0	3.1	3.2	4.1	4.3	4.3

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		
	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P
New York	8,461.9	8,568.7	8,564.6	509.0	485.2	488.3	6.0	5.7	5.7
Albany-Schenectady-Troy	447.7	448.2	446.3	21.1	17.6	16.7	4.7	3.9	3.7
Binghamton	121.8	122.2	123.2	5.8	4.3	4.4	4.8	3.6	3.6
Buffalo-Niagara Falls	567.3	570.2	568.1	27.8	26.1	25.9	4.9	4.6	4.6
Dutchess County	115.8	118.0	117.8	4.8	4.7	4.3	4.1	4.0	3.7
Elmira	42.6	43.4	44.0	1.8	1.6	1.6	4.3	3.8	3.6
Glens Falls	59.6	61.6	60.3	3.8	3.1	3.6	6.5	5.0	6.0
Nassau-Suffolk	1,350.3	1,372.8	1,368.2	59.4	50.2	45.5	4.4	3.7	3.3
New York	3,792.9	3,843.6	3,859.6	280.2	292.5	298.1	7.4	7.6	7.7
New York City	3,177.2	3,217.1	3,235.2	255.5	268.3	276.5	8.0	8.3	8.5
Newburgh	166.9	167.4	166.1	7.4	6.5	5.9	4.4	3.9	3.6
Rochester	560.2	569.0	568.1	22.2	19.7	19.2	4.0	3.5	3.4
Syracuse	359.5	364.4	361.7	19.1	15.1	15.2	5.3	4.2	4.2
Utica-Rome	142.8	143.1	142.9	7.5	6.2	6.5	5.2	4.3	4.6
North Carolina	3,659.5	3,760.5	3,745.0	155.6	149.2	144.1	4.3	4.0	3.8
Asheville	104.6	107.1	107.6	3.4	3.1	3.0	3.2	2.9	2.8
Charlotte-Gastonia-Rock Hill	711.2	727.3	723.3	23.5	26.5	24.8	3.3	3.6	3.4
Greensboro-Winston-Salem-High Point	612.7	625.8	622.0	20.0	20.4	18.0	3.3	3.3	2.9
Raleigh-Durham-Chapel Hill	558.5	571.9	569.4	13.1	13.1	12.0	2.3	2.3	2.1
North Dakota	330.5	343.5	338.8	10.1	6.6	8.9	3.1	1.9	2.6
Bismarck	48.6	49.8	49.8	1.6	1.0	1.4	3.3	2.1	2.7
Fargo-Moorhead	94.1	96.6	96.0	2.1	1.4	1.7	2.2	1.5	1.8
Grand Forks	67.6	69.1	68.2	1.7	1.1	1.4	2.5	1.6	2.0
Ohio	5,656.6	5,754.0	5,763.9	276.9	249.9	270.8	4.9	4.3	4.7
Akron	359.0	363.1	365.1	16.6	15.1	17.3	4.6	4.2	4.7
Canton-Massillon	200.1	201.8	202.7	10.8	9.4	10.2	5.4	4.7	5.0
Cincinnati	812.8	825.9	823.2	36.2	31.6	30.8	4.4	3.8	3.7
Cleveland-Lorain-Elyria	1,101.9	1,123.2	1,124.7	56.8	55.1	58.1	5.2	4.9	5.2
Columbus	793.2	809.2	810.0	24.4	23.0	23.1	3.1	2.8	2.9
Dayton-Springfield	479.9	481.0	483.4	19.8	19.4	20.3	4.1	4.0	4.2
Hamilton-Middletown	168.8	172.2	172.5	6.8	6.3	6.0	4.0	3.7	3.5
Lima	76.1	77.3	77.6	4.5	4.3	4.2	5.9	5.5	5.4
Mansfield	84.1	85.1	85.7	5.3	4.5	5.0	6.2	5.3	5.8
Steubenville-Weirton	57.7	57.2	57.2	3.7	2.9	3.3	6.4	5.0	5.8
Toledo	314.7	317.6	321.5	14.5	13.0	18.2	4.6	4.1	5.7
Youngstown-Warren	291.1	289.5	290.4	19.7	15.5	16.9	6.8	5.4	5.8
Oklahoma	1,555.3	1,604.4	1,592.9	65.6	65.2	62.9	4.2	4.1	4.0
Enid	27.3	27.8	27.5	1.1	.9	.9	4.0	3.2	3.2
Lawton	41.1	43.2	42.7	2.2	2.1	2.0	5.3	4.8	4.7
Oklahoma City	507.5	529.5	527.3	16.3	17.9	16.8	3.2	3.4	3.2
Tulsa	383.6	396.4	395.3	13.9	13.1	12.8	3.6	3.3	3.2
Oregon	1,651.7	1,726.4	1,728.2	78.0	81.9	89.7	4.7	4.7	5.2
Eugene-Springfield	154.2	158.5	159.0	7.2	7.4	8.1	4.7	4.6	5.1
Medford-Ashland	83.4	85.9	85.5	5.2	5.4	6.0	6.2	6.3	7.0
Portland-Vancouver	965.0	1,004.7	1,016.0	34.3	40.5	41.3	3.6	4.0	4.1
Salem	155.5	162.3	159.2	7.5	6.9	7.6	4.8	4.2	4.8
Pennsylvania	5,885.2	5,921.2	5,917.6	341.9	268.7	268.2	5.8	4.5	4.5
Allentown-Bethlehem-Easton	303.8	307.8	306.7	16.0	14.4	13.6	5.3	4.7	4.4
Altoona	62.3	63.0	63.0	4.0	2.8	3.1	6.4	4.5	4.8
Erie	142.6	142.7	142.5	8.6	6.5	7.2	6.1	4.5	5.0
Harrisburg-Lebanon-Carlisle	339.7	346.6	347.8	11.9	9.2	9.2	3.5	2.7	2.6
Johnstown	106.9	106.0	105.9	10.2	7.2	7.7	9.6	6.8	7.2
Lancaster	234.3	240.2	239.7	7.8	6.3	6.1	3.3	2.6	2.6
Philadelphia	2,422.0	2,443.0	2,443.6	138.2	122.9	117.7	5.7	5.0	4.8
Pittsburgh	1,151.5	1,147.8	1,150.1	66.5	47.0	48.3	5.8	4.1	4.2
Reading	179.1	183.1	182.5	7.7	6.6	6.4	4.3	3.6	3.5
Scranton-Wilkes-Barre-Hazleton	315.6	315.7	316.5	25.9	18.5	19.1	8.2	5.9	6.0
Sharon	55.0	55.2	55.3	2.5	1.9	2.4	4.6	3.5	4.3
State College	64.1	66.1	65.9	2.2	1.6	1.6	3.4	2.4	2.5
Williamsport	57.4	58.3	58.9	3.9	3.0	3.3	6.7	5.1	5.6
York	190.9	192.4	192.9	7.5	6.8	6.8	3.9	3.6	3.5
Rhode Island	485.7	495.8	498.1	30.4	22.3	22.2	6.3	4.5	4.5
Providence-Fall River-Warwick	563.7	569.6	573.4	36.7	26.9	26.6	6.5	4.7	4.6

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P
South Carolina	1,860.3	1,869.0	1,862.2	90.1	114.3	107.7	4.8	6.1	5.8
Charleston-North Charleston	243.8	245.2	245.2	11.0	14.2	12.6	4.5	5.8	5.1
Columbia	258.8	261.8	262.7	8.4	9.8	9.4	3.2	3.7	3.6
Greenville-Spartanburg-Anderson	475.3	480.8	482.7	14.8	20.0	20.3	3.1	4.2	4.2
South Dakota	382.3	390.0	390.5	10.5	8.9	10.5	2.7	2.3	2.7
Rapid City	43.9	44.4	44.6	1.3	1.1	1.3	3.1	2.5	3.0
Sioux Falls	90.6	93.2	94.2	1.6	1.5	1.6	1.7	1.6	1.7
Tennessee	2,764.8	2,811.2	2,815.3	146.2	131.8	137.4	5.3	4.7	4.9
Chattanooga	224.8	224.6	225.1	12.4	8.9	9.2	5.5	4.0	4.1
Johnson City-Kingsport-Bristol	232.6	232.3	232.7	11.6	9.6	9.6	5.0	4.1	4.1
Knoxville	346.3	349.5	349.2	14.9	11.8	13.5	4.3	3.4	3.9
Memphis	536.1	543.1	543.5	26.9	22.4	22.3	5.0	4.1	4.1
Nashville	621.3	637.5	637.8	20.3	20.6	20.0	3.3	3.2	3.1
Texas	9,686.0	9,741.2	9,783.5	579.5	474.3	521.1	6.0	4.9	5.3
Arlington	60.1	59.4	59.8	3.0	2.4	2.5	5.0	4.0	4.2
Amarillo	111.8	113.8	114.7	4.3	4.0	4.6	3.8	3.5	4.0
Austin-San Marcos	627.1	638.1	640.9	18.3	18.7	21.0	2.9	2.9	3.3
Beaumont-Port Arthur	182.8	179.2	180.6	17.8	14.1	15.7	9.8	7.9	8.7
Brazoria	105.4	105.1	105.3	7.5	6.2	7.3	7.1	5.9	6.9
Brownsville-Harlingen-San Benito	123.8	123.6	125.0	15.8	13.1	14.5	12.7	10.6	11.6
Bryan-College Station	70.3	71.8	71.6	1.8	1.4	1.6	2.6	2.0	2.2
Corpus Christi	174.7	177.4	177.4	16.1	14.1	15.0	9.2	7.9	8.5
Dallas	1,730.8	1,765.6	1,770.6	76.9	62.0	66.9	4.4	3.5	3.8
El Paso	290.4	285.4	281.5	35.6	30.4	27.6	12.3	10.6	9.8
Fort Worth-Arlington	823.2	835.1	835.5	38.3	27.9	30.1	4.6	3.3	3.6
Galveston-Texas City	126.7	125.0	126.6	9.6	9.0	10.8	7.6	7.2	8.5
Houston	2,001.7	2,002.7	2,020.3	110.1	91.9	102.3	5.5	4.6	5.1
Killeen-Temple	113.4	114.1	114.4	5.7	4.8	5.3	5.1	4.2	4.6
Laredo	70.3	66.7	67.4	11.3	7.0	7.8	16.0	10.5	11.6
Longview-Marshall	102.2	101.9	101.9	7.8	6.9	7.7	7.6	6.8	7.6
Lubbock	121.9	123.0	123.4	4.5	3.8	4.1	3.7	3.1	3.3
McAllen-Edinburg-Mission	195.6	185.2	192.2	41.1	29.6	34.5	21.0	16.0	17.9
Odessa-Midland	120.4	121.3	121.4	7.0	5.8	6.2	5.8	4.8	5.1
San Angelo	50.7	49.3	49.3	2.1	1.5	1.6	4.1	3.0	3.2
San Antonio	730.9	733.9	737.8	32.6	27.4	29.7	4.5	3.7	4.0
Sherman-Denison	48.7	48.9	48.7	2.3	2.0	2.1	4.8	4.0	4.4
Texarkana	57.0	57.3	57.4	4.3	3.9	4.3	7.5	6.8	7.5
Tyler	84.9	84.6	84.6	5.5	5.1	5.4	6.5	6.0	6.4
Victoria	42.8	41.2	41.5	2.5	1.8	2.0	5.8	4.4	4.8
Waco	101.0	101.1	100.6	4.4	3.8	4.1	4.4	3.8	4.1
Wichita Falls	65.4	66.1	66.9	3.0	2.5	3.7	4.6	3.8	5.6
Utah	981.3	1,022.7	1,026.8	33.3	30.4	31.3	3.4	3.0	3.1
Provo-Orem	146.5	153.4	154.3	3.9	3.9	3.9	2.6	2.5	2.5
Salt Lake City-Ogden	633.5	658.1	661.2	19.9	18.8	18.7	3.1	2.9	2.8
Vermont	323.5	328.5	328.4	14.1	12.9	14.5	4.3	3.9	4.4
Burlington	97.2	97.4	98.2	2.7	2.8	3.0	2.8	2.8	3.0
Virginia	3,493.3	3,446.6	3,460.3	151.0	142.8	131.5	4.3	4.1	3.8
Charlottesville	73.6	74.5	74.7	1.6	1.7	1.6	2.2	2.3	2.1
Danville	59.5	57.8	58.5	4.9	3.5	3.7	8.3	6.0	6.3
Lynchburg	107.4	105.3	106.4	3.5	3.4	3.3	3.2	3.3	3.1
Norfolk-Virginia Beach-Newport News	727.7	710.5	712.6	36.0	34.1	31.3	4.9	4.8	4.4
Richmond-Petersburg	507.1	502.9	507.3	17.6	18.8	17.0	3.5	3.7	3.3
Roanoke	131.3	128.9	129.5	3.4	3.5	3.3	2.6	2.7	2.6
Washington	2,814.9	2,888.9	2,878.3	182.5	153.4	167.2	6.5	5.3	5.8
Spokane	201.0	200.0	200.8	10.5	9.3	10.0	5.2	4.7	5.0
Tacoma	315.7	315.9	318.8	19.1	17.4	17.1	6.1	5.5	5.4
Seattle-Bellevue-Everett	1,251.7	1,281.9	1,301.5	64.6	54.2	53.9	5.2	4.2	4.1

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		
	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P	Nov. 1995	Oct. 1996	Nov. 1996 ^P
West Virginia	794.6	802.7	805.1	60.8	51.4	54.5	7.7	6.4	6.8
Charleston	127.5	129.6	129.9	7.0	6.0	6.1	5.5	4.6	4.7
Huntington-Ashland	136.3	138.9	138.8	9.3	8.9	8.3	6.8	6.4	6.0
Parkersburg-Marietta	76.4	77.8	77.7	4.7	4.0	4.3	6.1	5.2	5.5
Wheeling	71.3	71.5	72.4	4.3	2.9	3.5	6.0	4.1	4.9
Wisconsin	2,842.8	2,914.3	2,900.4	96.3	74.8	78.9	3.4	2.6	2.7
Appleton-Oshkosh-Neenah	216.3	221.0	220.3	6.2	4.3	4.7	2.9	2.0	2.1
Eau Claire	76.2	77.4	77.5	2.6	1.8	2.2	3.4	2.3	2.8
Green Bay	125.9	131.0	130.5	3.5	3.1	3.1	2.8	2.4	2.4
Janesville-Beloit	79.8	81.9	81.5	2.7	2.4	2.4	3.4	3.0	3.0
Kenosha	75.1	74.5	74.0	2.4	2.2	2.0	3.2	2.9	2.6
La Crosse	69.7	70.3	70.0	2.2	1.4	1.5	3.2	2.0	2.2
Madison	251.1	258.4	258.9	3.9	3.2	3.4	1.6	1.2	1.3
Milwaukee-Waukesha	776.8	791.8	789.9	25.6	23.4	22.3	3.3	3.0	2.8
Racine	92.2	94.0	94.0	3.8	3.0	3.0	4.1	3.2	3.2
Sheboygan	60.9	63.8	63.4	1.7	1.4	1.3	2.7	2.2	2.1
Wausau	70.4	71.6	71.4	2.7	1.6	1.8	3.8	2.2	2.6
Wyoming	255.6	257.1	255.5	11.0	10.4	10.8	4.3	4.0	4.2
Casper	34.0	32.7	33.0	1.8	1.7	1.7	5.3	5.2	5.2
Puerto Rico	1,273.4	1,304.9	1,317.4	162.9	167.9	154.1	12.8	12.9	11.7
Caguas	111.0	116.0	117.1	13.1	13.6	12.0	11.8	11.7	10.2
Mayaguez	92.5	94.5	95.4	12.5	13.3	12.3	13.5	14.1	12.8
Ponce	107.5	110.4	111.4	17.7	19.5	18.9	16.5	17.7	17.0
San Juan-Bayamon	694.8	707.5	714.6	74.1	73.5	66.6	10.7	10.4	9.3

^P = preliminary.

be revised when new benchmark and population information becomes available.

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

**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			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
TOTAL													
Civilian noninstitutional population ¹	195,621	196,085	196,522	197,050	197,600	197,882	198,296	198,807	199,352	199,776	200,280	200,850	201,457
Civilian labor force	129,742	130,632	130,687	131,050	131,790	132,203	132,175	132,332	132,506	133,144	133,632	134,118	134,830
Percent of population	66.3	66.6	66.5	66.5	66.7	66.8	66.7	66.6	66.5	66.6	66.6	66.8	66.9
Employed	121,152	122,035	122,648	123,178	124,405	124,924	124,711	124,820	125,142	125,693	126,381	127,042	127,705
Employment-population ratio ²	61.9	62.2	62.4	62.5	63.0	63.1	62.9	62.8	62.8	62.9	63.1	63.3	63.4
Unemployed	8,590	8,597	8,039	7,872	7,385	7,279	7,464	7,512	7,364	7,451	7,251	7,076	7,124
Unemployment rate	6.6	6.6	6.2	6.0	5.6	5.5	5.6	5.7	5.6	5.6	5.4	5.3	5.3
Men, 16 years and over													
Civilian noninstitutional population ¹	93,735	93,978	94,203	94,474	94,764	94,815	95,029	95,292	95,578	95,787	96,048	96,337	96,651
Civilian labor force	70,439	70,625	70,517	70,744	71,319	71,522	71,355	71,278	71,306	71,755	72,051	72,122	72,380
Percent of population	75.1	75.2	74.9	74.9	75.3	75.4	75.1	74.8	74.6	74.9	75.0	74.9	74.9
Employed	65,688	65,894	66,171	66,450	67,304	67,606	67,347	67,252	67,319	67,708	68,124	68,349	68,648
Employment-population ratio ²	70.1	70.1	70.2	70.3	71.0	71.3	70.9	70.6	70.4	70.7	70.9	70.9	71.0
Agriculture	2,483	2,526	2,540	2,546	2,629	2,665	2,559	2,528	2,492	2,589	2,550	2,576	2,583
Nonagricultural industries	63,205	63,368	63,631	63,904	64,675	64,941	64,788	64,724	64,828	65,120	65,573	65,774	66,064
Unemployed	4,751	4,731	4,346	4,294	4,015	3,917	4,009	4,025	3,987	4,047	3,927	3,772	3,732
Unemployment rate	6.7	6.7	6.2	6.1	5.6	5.5	5.6	5.6	5.6	5.6	5.5	5.2	5.2
Not in labor force	23,296	23,353	23,686	23,730	23,445	23,293	23,673	24,014	24,271	24,032	23,997	24,216	24,271
Men, 20 years and over													
Civilian noninstitutional population ¹	86,593	86,833	87,014	87,231	87,528	87,574	87,702	87,888	88,082	88,295	88,513	88,666	88,950
Civilian labor force	66,712	66,731	66,641	66,836	67,395	67,519	67,320	67,208	67,272	67,710	67,971	68,107	68,344
Percent of population	77.0	76.8	76.6	76.6	77.0	77.1	76.8	76.5	76.4	76.7	76.8	76.8	76.8
Employed	62,702	62,772	63,061	63,279	64,064	64,315	64,052	63,947	64,043	64,412	64,765	65,071	65,338
Employment-population ratio ²	72.4	72.3	72.5	72.5	73.2	73.4	73.0	72.8	72.7	73.0	73.2	73.4	73.5
Agriculture	2,323	2,319	2,363	2,338	2,391	2,432	2,328	2,309	2,284	2,376	2,323	2,360	2,370
Nonagricultural industries	60,379	60,453	60,698	60,940	61,673	61,884	61,724	61,638	61,759	62,036	62,441	62,712	62,968
Unemployed	4,010	3,959	3,579	3,558	3,332	3,204	3,269	3,261	3,230	3,298	3,206	3,036	3,006
Unemployment rate	6.0	5.9	5.4	5.3	4.9	4.7	4.9	4.9	4.8	4.9	4.7	4.5	4.4
Not in labor force	19,881	20,102	20,373	20,395	20,133	20,055	20,382	20,680	20,809	20,585	20,542	20,559	20,606
Women, 16 years and over													
Civilian noninstitutional population ¹	101,886	102,107	102,319	102,576	102,837	103,067	103,267	103,515	103,774	103,988	104,232	104,512	104,807
Civilian labor force	59,302	60,006	60,171	60,306	60,471	60,681	60,820	61,054	61,200	61,389	61,581	61,996	62,450
Percent of population	58.2	58.8	58.8	58.8	58.8	58.9	58.9	59.0	59.0	59.0	59.1	59.3	59.6
Employed	55,464	56,140	56,478	56,729	57,101	57,319	57,364	57,568	57,823	57,985	58,257	58,692	59,058
Employment-population ratio ²	54.4	55.0	55.2	55.3	55.5	55.6	55.5	55.6	55.7	55.8	55.9	56.2	56.3
Agriculture	636	803	837	869	917	913	900	836	879	900	881	880	827
Nonagricultural industries	54,828	55,338	55,640	55,860	56,184	56,405	56,464	56,732	56,944	57,084	57,376	57,812	58,231
Unemployed	3,839	3,866	3,693	3,578	3,370	3,362	3,456	3,487	3,377	3,404	3,324	3,304	3,392
Unemployment rate	6.5	6.4	6.1	5.9	5.6	5.5	5.7	5.7	5.5	5.5	5.4	5.3	5.4
Not in labor force	42,584	42,101	42,148	42,270	42,366	42,386	42,447	42,461	42,574	42,599	42,651	42,516	42,357
Women, 20 years and over													
Civilian noninstitutional population ¹	94,980	95,164	95,339	95,557	95,808	96,006	96,148	96,334	96,558	96,757	96,927	97,145	97,371
Civilian labor force	55,831	56,440	56,526	56,761	56,880	56,966	57,081	57,323	57,474	57,672	57,870	58,239	58,578
Percent of population	58.8	59.3	59.3	59.4	59.4	59.3	59.4	59.5	59.5	59.6	59.7	60.0	60.2
Employed	52,574	53,154	53,439	53,751	54,076	54,181	54,232	54,457	54,702	54,861	55,113	55,486	55,768
Employment-population ratio ²	55.4	55.9	56.1	56.2	56.4	56.4	56.4	56.5	56.7	56.7	56.9	57.1	57.3
Agriculture	596	748	788	825	873	873	849	785	823	845	836	839	786
Nonagricultural industries	51,979	52,406	52,651	52,925	53,203	53,308	53,383	53,672	53,879	54,016	54,277	54,647	54,982
Unemployed	3,256	3,286	3,087	3,010	2,804	2,785	2,849	2,866	2,772	2,811	2,758	2,754	2,810
Unemployment rate	5.8	5.8	5.5	5.3	4.9	4.9	5.0	5.0	4.8	4.9	4.8	4.7	4.8
Not in labor force	39,149	38,724	38,813	38,796	38,927	39,040	39,067	39,011	39,084	39,086	39,057	38,906	38,793
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	14,048	14,088	14,169	14,262	14,264	14,302	14,446	14,585	14,712	14,723	14,839	15,038	15,136
Civilian labor force	7,199	7,461	7,521	7,453	7,514	7,718	7,774	7,801	7,760	7,763	7,790	7,771	7,907
Percent of population	51.2	53.0	53.1	52.3	52.7	54.0	53.8	53.5	52.7	52.7	52.5	51.7	52.2
Employed	5,876	6,108	6,148	6,149	6,265	6,428	6,427	6,416	6,397	6,420	6,504	6,485	6,599
Employment-population ratio ²	41.8	43.4	43.4	43.1	43.9	44.9	44.5	44.0	43.5	43.6	43.8	43.1	43.6
Agriculture	201	261	226	251	282	273	282	270	263	267	272	257	254
Nonagricultural industries	5,675	5,847	5,922	5,898	5,983	6,155	6,145	6,146	6,134	6,153	6,232	6,227	6,345
Unemployed	1,323	1,352	1,372	1,304	1,249	1,290	1,347	1,385	1,362	1,343	1,287	1,287	1,309
Unemployment rate	18.4	18.1	18.2	17.5	16.6	16.7	17.3	17.8	17.6	17.3	16.5	16.6	16.6
Not in labor force	6,849	6,627	6,648	6,809	6,750	6,584	6,672	6,784	6,952	6,961	7,049	7,267	7,229

¹ The population figures are not adjusted for seasonal variation.

² 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. Seasonally adjusted data have been revised based on the experience through December 1996. See the article in this issue for additional information.

**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			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
WHITE													
Civilian noninstitutional population ¹	164,801	165,093	165,361	165,701	166,067	166,442	166,715	167,063	167,438	167,760	168,098	168,491	168,918
Civilian labor force	110,219	110,702	110,758	111,142	111,667	111,831	111,823	112,062	112,093	112,562	112,895	113,126	113,811
Percent of population	66.9	67.1	67.0	67.1	67.2	67.2	67.1	67.1	66.9	67.1	67.2	67.1	67.4
Employed	103,728	104,393	104,833	105,315	106,239	106,489	106,301	106,589	106,584	107,074	107,558	107,977	108,610
Employment-population ratio ²	62.9	63.2	63.4	63.6	64.0	64.0	63.8	63.8	63.7	63.8	64.0	64.1	64.3
Unemployed	6,491	6,309	5,925	5,827	5,428	5,343	5,522	5,473	5,509	5,488	5,337	5,148	5,200
Unemployment rate	5.9	5.7	5.3	5.2	4.9	4.8	4.9	4.9	4.9	4.9	4.7	4.6	4.6
Men, 20 years and over													
Civilian labor force	57,341	57,257	57,159	57,420	57,748	57,817	57,649	57,662	57,763	58,104	58,273	58,374	58,570
Percent of population	77.5	77.3	77.0	77.2	77.4	77.4	77.1	76.9	76.9	77.2	77.3	77.3	77.4
Employed	54,258	54,279	54,447	54,748	55,236	55,376	55,143	55,209	55,299	55,631	55,873	56,090	56,309
Employment-population ratio ²	73.4	73.3	73.4	73.6	74.1	74.2	73.7	73.7	73.6	73.9	74.1	74.3	74.4
Unemployed	3,083	2,978	2,712	2,672	2,512	2,441	2,505	2,453	2,464	2,473	2,401	2,284	2,262
Unemployment rate	5.4	5.2	4.7	4.7	4.3	4.2	4.3	4.3	4.3	4.3	4.1	3.9	3.9
Women, 20 years and over													
Civilian labor force	46,663	47,120	47,179	47,418	47,531	47,468	47,586	47,861	47,813	47,888	48,028	48,183	48,541
Percent of population	58.6	59.0	59.0	59.2	59.3	59.0	59.1	59.4	59.2	59.2	59.3	59.4	59.7
Employed	44,252	44,787	44,972	45,203	45,508	45,487	45,511	45,799	45,759	45,851	46,023	46,241	46,528
Employment-population ratio ²	55.5	56.1	56.3	56.5	56.8	56.6	56.5	56.8	56.7	56.7	56.8	57.0	57.3
Unemployed	2,411	2,333	2,206	2,215	2,023	1,981	2,075	2,062	2,054	2,037	2,005	1,942	2,014
Unemployment rate	5.2	5.0	4.7	4.7	4.3	4.2	4.4	4.3	4.3	4.3	4.2	4.0	4.1
Both sexes, 16 to 19 years													
Civilian labor force	6,215	6,325	6,421	6,304	6,388	6,546	6,588	6,539	6,516	6,569	6,594	6,568	6,699
Percent of population	55.7	56.5	57.1	55.8	56.5	57.6	57.6	56.9	56.3	56.4	56.0	55.3	55.9
Employed	5,217	5,327	5,414	5,364	5,495	5,626	5,647	5,581	5,525	5,591	5,662	5,646	5,774
Employment-population ratio ²	46.8	47.6	48.1	47.5	48.6	49.5	49.4	48.5	47.7	48.0	48.1	47.5	48.2
Unemployed	997	998	1,007	940	893	920	941	958	991	978	932	922	925
Unemployment rate	16.0	15.8	15.7	14.9	14.0	14.1	14.3	14.6	15.2	14.9	14.1	14.0	13.8
Men	17.6	17.1	17.0	16.1	14.9	15.2	15.3	15.5	16.4	15.9	15.2	15.5	15.2
Women	14.3	14.3	14.2	13.6	13.0	12.8	13.2	13.7	13.9	13.8	12.9	12.4	12.3
BLACK													
Civilian noninstitutional population ¹	22,662	22,749	22,826	22,918	23,022	23,116	23,194	23,285	23,388	23,454	23,549	23,650	23,761
Civilian labor force	14,263	14,455	14,496	14,458	14,584	14,772	14,813	14,745	14,939	14,954	15,051	15,231	15,291
Percent of population	62.9	63.5	63.5	63.1	63.3	63.9	63.9	63.3	63.9	63.8	63.9	64.4	64.4
Employed	12,543	12,594	12,809	12,892	13,039	13,269	13,268	13,125	13,456	13,372	13,498	13,626	13,671
Employment-population ratio ²	55.3	55.4	56.1	56.3	56.6	57.4	57.2	56.4	57.5	57.0	57.3	57.6	57.5
Unemployed	1,719	1,861	1,687	1,566	1,545	1,503	1,545	1,620	1,483	1,583	1,553	1,605	1,620
Unemployment rate	12.1	12.9	11.6	10.8	10.6	10.2	10.4	11.0	9.9	10.6	10.3	10.5	10.6
Men, 20 years and over													
Civilian labor force	6,569	6,604	6,646	6,602	6,716	6,790	6,764	6,693	6,681	6,753	6,758	6,852	6,857
Percent of population	72.5	72.4	72.6	71.9	72.7	73.4	73.0	72.0	71.7	72.1	71.9	72.8	72.4
Employed	5,838	5,834	5,969	5,947	6,104	6,220	6,165	6,071	6,099	6,088	6,119	6,229	6,233
Employment-population ratio ²	64.4	64.0	65.2	64.8	66.1	67.3	66.6	65.3	65.5	65.0	65.1	66.1	65.8
Unemployed	731	770	677	655	613	570	599	622	582	665	639	623	624
Unemployment rate	11.1	11.7	10.2	9.9	9.1	8.4	8.9	9.3	8.7	9.8	9.5	9.1	9.1
Women, 20 years and over													
Civilian labor force	6,928	6,989	7,022	7,009	7,002	7,129	7,153	7,109	7,307	7,294	7,357	7,456	7,510
Percent of population	60.8	61.1	61.2	60.9	60.6	61.3	61.3	60.8	62.2	61.9	62.3	62.9	63.1
Employed	6,233	6,197	6,317	6,388	6,374	6,494	6,534	6,471	6,722	6,678	6,736	6,796	6,835
Employment-population ratio ²	54.7	54.2	55.1	55.5	55.1	55.9	56.0	55.3	57.2	56.7	57.0	57.3	57.5
Unemployed	695	792	705	621	628	635	619	638	586	616	620	661	675
Unemployment rate	10.0	11.3	10.0	8.9	9.0	8.9	8.7	9.0	8.0	8.4	8.4	8.9	9.0

See footnotes at end of table.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	766	862	828	847	866	853	897	943	951	907	936	923	924
Percent of population	34.8	39.3	37.6	38.1	38.9	38.0	39.4	41.3	40.8	39.2	40.0	38.7	38.7
Employed	472	562	523	558	561	555	569	583	636	605	642	601	603
Employment-population ratio ²	21.4	25.6	23.7	25.1	25.2	24.7	25.0	25.5	27.3	26.2	27.5	25.2	25.2
Unemployed	294	299	305	290	304	298	328	360	315	302	294	322	321
Unemployment rate	38.4	34.7	36.8	34.2	35.2	34.9	36.5	38.1	33.2	33.3	31.4	34.9	34.7
Men	40.8	39.4	40.3	36.9	34.0	35.6	38.6	39.4	35.1	35.7	33.7	39.5	38.7
Women	36.0	29.9	33.0	31.2	36.5	34.2	34.5	36.9	31.3	30.9	29.0	30.0	31.0
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	17,751	17,895	18,042	18,193	18,338	18,413	18,555	18,702	18,845	18,977	19,132	19,292	19,452
Civilian labor force	11,795	11,815	11,958	11,967	12,146	12,072	12,243	12,365	12,379	12,563	12,593	12,811	13,107
Percent of population	66.4	66.0	66.3	65.8	66.2	65.6	66.0	66.1	65.7	66.2	65.8	66.4	67.4
Employed	10,515	10,608	10,736	10,767	11,024	10,941	11,116	11,229	11,209	11,361	11,435	11,701	12,054
Employment-population ratio ²	59.2	59.3	59.5	59.2	60.1	59.4	59.9	60.0	59.5	59.9	59.8	60.7	62.0
Unemployed	1,280	1,207	1,222	1,200	1,122	1,130	1,127	1,137	1,170	1,202	1,158	1,109	1,053
Unemployment rate	10.9	10.2	10.2	10.0	9.2	9.4	9.2	9.2	9.5	9.6	9.2	8.7	8.0

¹ The population figures are not adjusted for seasonal variation.

² 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. Seasonally adjusted data have been revised based on the experience through December 1996. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
EMPLOYED													
Full-time workers	99,952	98,361	99,433	100,258	100,960	101,404	101,491	101,659	102,146	102,457	103,174	103,895	104,632
Men, 16 years and over	58,538	58,033	58,602	59,019	59,675	60,016	59,865	59,870	59,994	60,134	60,631	60,987	61,293
Men, 20 years and over	57,407	56,962	57,492	57,860	58,503	58,815	58,631	58,637	58,752	58,936	59,400	59,754	60,065
Women, 16 years and over	41,397	40,379	40,841	41,225	41,295	41,356	41,639	41,817	42,142	42,274	42,555	42,929	43,334
Women, 20 years and over	40,609	39,574	40,068	40,511	40,549	40,603	40,819	41,003	41,326	41,488	41,735	42,109	42,465
Both sexes, 16 to 19 years	1,936	1,824	1,873	1,887	1,908	1,987	2,041	2,018	2,067	2,034	2,038	2,032	2,102
Part-time workers	21,282	23,565	23,145	23,011	23,457	23,458	23,157	23,222	23,054	23,195	23,143	23,222	23,135
Men, 16 years and over	7,206	7,841	7,511	7,483	7,649	7,523	7,441	7,462	7,347	7,512	7,458	7,452	7,367
Men, 20 years and over	5,366	5,752	5,524	5,493	5,575	5,454	5,362	5,379	5,312	5,431	5,312	5,395	5,289
Women, 16 years and over	14,066	15,739	15,645	15,510	15,816	15,933	15,734	15,755	15,700	15,679	15,703	15,762	15,758
Women, 20 years and over	11,977	13,564	13,359	13,246	13,548	13,557	13,402	13,451	13,403	13,364	13,364	13,364	13,338
Both sexes, 16 to 19 years	3,939	4,249	4,261	4,272	4,335	4,447	4,393	4,392	4,339	4,400	4,467	4,463	4,507
UNEMPLOYED													
Looking for full-time work	6,999	7,033	6,551	6,404	5,970	5,783	5,946	6,003	5,909	5,963	5,822	5,645	5,739
Men, 16 years and over	4,129	4,069	3,743	3,693	3,456	3,240	3,409	3,453	3,378	3,352	3,321	3,213	3,209
Men, 20 years and over	3,773	3,657	3,328	3,287	3,079	2,945	3,007	3,023	2,982	3,028	2,946	2,802	2,780
Women, 16 years and over	2,857	2,982	2,817	2,739	2,537	2,457	2,555	2,572	2,557	2,560	2,523	2,462	2,561
Women, 20 years and over	2,613	2,732	2,532	2,478	2,278	2,221	2,290	2,284	2,264	2,277	2,263	2,214	2,279
Both sexes, 16 to 19 years	613	644	692	639	614	617	649	695	663	658	613	630	681
Looking for part-time work	1,620	1,548	1,484	1,468	1,431	1,485	1,520	1,510	1,464	1,483	1,428	1,434	1,392
Men, 16 years and over	657	667	621	617	588	585	618	598	638	639	623	598	557
Men, 20 years and over	266	290	252	272	260	249	265	240	252	263	262	241	230
Women, 16 years and over	983	877	867	844	856	890	903	910	844	831	808	830	850
Women, 20 years and over	639	548	553	536	533	558	562	583	511	529	497	538	535
Both sexes, 16 to 19 years	715	710	679	660	638	678	694	687	701	691	670	655	627
UNEMPLOYMENT RATES¹													
Full-time workers	6.5	6.7	6.2	6.0	5.6	5.4	5.5	5.6	5.5	5.5	5.3	5.2	5.2
Men, 16 years and over	6.6	6.6	6.0	5.9	5.5	5.1	5.4	5.5	5.3	5.3	5.2	5.0	5.0
Men, 20 years and over	6.2	6.0	5.5	5.4	5.0	4.8	4.9	4.9	4.8	4.9	4.7	4.5	4.4
Women, 16 years and over	6.5	6.9	6.5	6.2	5.8	5.6	5.8	5.8	5.7	5.7	5.6	5.4	5.6
Women, 20 years and over	6.0	6.5	5.9	5.8	5.3	5.2	5.3	5.3	5.2	5.2	5.1	5.0	5.1
Both sexes, 16 to 19 years	24.0	26.1	27.0	25.3	24.3	23.7	24.1	25.6	24.3	24.4	23.1	23.7	24.5
Part-time workers	7.1	6.2	6.0	6.0	5.7	6.0	6.2	6.1	6.0	6.0	5.8	5.8	5.7
Men, 16 years and over	8.4	7.8	7.6	7.6	7.1	7.2	7.7	7.4	8.0	7.8	7.7	7.4	7.0
Men, 20 years and over	4.7	4.8	4.4	4.7	4.5	4.4	4.7	4.3	4.5	4.6	4.7	4.3	4.2
Women, 16 years and over	6.5	5.3	5.3	5.2	5.1	5.3	5.4	5.5	5.1	5.0	4.9	5.0	5.1
Women, 20 years and over	5.1	3.9	4.0	3.9	3.8	4.0	4.0	4.2	3.7	3.8	3.6	3.9	3.9
Both sexes, 16 to 19 years	15.4	14.3	13.7	13.4	12.8	13.2	13.6	13.5	13.9	13.6	13.0	12.8	12.2

¹ 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.

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

**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			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
MARITAL STATUS													
Total	121,152	122,035	122,648	123,178	124,405	124,924	124,711	124,820	125,142	125,693	126,381	127,042	127,705
Married men, spouse present	40,942	41,359	41,327	41,426	41,576	41,976	41,963	42,105	42,155	42,233	42,347	42,474	42,618
Married women, spouse present	30,809	31,508	31,321	31,561	31,777	31,970	32,019	32,093	32,162	32,146	32,259	32,659	32,559
Women who maintain families	6,811	7,065	7,051	7,036	7,094	7,098	7,165	7,181	7,214	7,317	7,351	7,337	7,445
OCCUPATION													
Managerial and professional specialty	32,628	33,179	33,851	33,971	34,373	34,784	35,145	35,635	35,695	35,897	36,351	36,623	37,109
Technical, sales, and administrative support	37,131	37,253	36,964	37,299	37,680	37,449	37,397	37,525	37,274	37,418	37,612	37,797	37,891
Service occupations	17,041	17,006	16,969	16,827	16,867	17,036	16,957	16,815	16,912	16,844	17,181	17,353	17,325
Precision production, craft, and repair	13,571	13,483	13,402	13,464	13,617	13,698	13,550	13,432	13,436	13,662	13,533	13,608	13,556
Operators, fabricators, and laborers	17,400	17,552	17,894	18,004	18,068	18,179	18,087	17,875	18,141	18,166	18,225	18,131	18,268
Farming, forestry, and fishing	3,373	3,548	3,590	3,644	3,742	3,768	3,633	3,574	3,628	3,692	3,546	3,546	3,502
CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,746	1,656	1,677	1,715	1,813	1,889	1,793	1,792	1,799	1,913	1,897	1,836	1,840
Self-employed workers	1,276	1,610	1,655	1,636	1,680	1,653	1,618	1,530	1,527	1,543	1,488	1,543	1,500
Unpaid family workers	95	56	44	53	50	40	55	44	41	42	45	69	68
Nonagricultural industries:													
Wage and salary workers	108,818	109,470	110,120	110,623	111,809	112,344	112,322	112,358	112,754	113,175	113,839	114,527	115,121
Private industries	90,170	91,198	91,831	92,341	93,474	93,842	93,876	94,086	94,519	95,012	95,563	96,315	96,898
Private households	1,162	969	1,006	922	971	1,026	952	924	955	914	876	961	961
Other industries	89,008	90,229	90,824	91,419	92,503	92,816	92,924	93,162	93,564	94,098	94,688	95,354	95,938
Government	18,647	18,273	18,289	18,282	18,335	18,502	18,446	18,272	18,235	18,163	18,276	18,212	18,223
Self-employed workers	8,998	9,087	9,027	8,998	8,911	8,912	8,819	8,982	8,899	8,972	8,985	8,897	9,033
Unpaid family workers	222	137	137	132	124	117	113	108	103	103	117	126	142
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	6,306	4,880	4,789	4,378	4,445	4,525	4,469	4,475	4,423	4,363	4,367	4,326	4,202
Slack work or business conditions	3,163	2,463	2,480	2,390	2,394	2,406	2,459	2,499	2,527	2,435	2,409	2,462	2,239
Could only find part-time work	2,918	2,079	1,976	1,692	1,748	1,791	1,718	1,686	1,607	1,587	1,622	1,587	1,632
Part time for noneconomic reasons	15,471	17,626	17,427	17,686	17,791	17,898	17,821	17,890	17,491	17,600	17,772	17,961	17,860
Nonagricultural industries:													
Part time for economic reasons	6,073	4,616	4,601	4,187	4,237	4,297	4,259	4,298	4,261	4,129	4,174	4,154	4,032
Slack work or business conditions	3,001	2,337	2,379	2,268	2,256	2,275	2,320	2,374	2,420	2,293	2,293	2,339	2,121
Could only find part-time work	2,828	2,007	1,938	1,658	1,702	1,739	1,679	1,655	1,574	1,557	1,585	1,562	1,604
Part time for noneconomic reasons	15,041	17,010	16,832	17,040	17,111	17,244	17,128	17,286	16,868	16,965	17,135	17,336	17,224

¹Persons at work excludes employed persons who were absent from their jobs during the entire reference week for reasons such as vacation, illness, or industrial dispute. Part time for noneconomic reasons excludes persons who usually work full time but worked only 1 to 34 hours during

the reference week for reasons such as holidays, illness, and bad weather.

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

**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			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Total, 16 years and over	121,152	122,035	122,648	123,178	124,405	124,924	124,711	124,820	125,142	125,693	126,381	127,042	127,705
16 to 24 years	18,655	18,771	18,917	18,918	19,095	19,162	18,988	18,733	18,573	18,576	18,676	18,547	18,764
16 to 19 years	5,876	6,108	6,148	6,149	6,265	6,428	6,427	6,416	6,397	6,420	6,504	6,485	6,599
16 to 17 years	2,281	2,418	2,472	2,535	2,610	2,574	2,595	2,567	2,555	2,589	2,647	2,644	2,703
18 to 19 years	3,602	3,677	3,681	3,613	3,640	3,840	3,853	3,863	3,832	3,818	3,870	3,845	3,884
20 to 24 years	12,779	12,663	12,769	12,769	12,830	12,734	12,560	12,317	12,175	12,156	12,173	12,062	12,165
25 years and over	102,516	103,272	103,711	104,271	105,307	105,762	105,717	106,106	106,560	107,092	107,709	108,530	108,931
25 to 54 years	88,083	88,472	88,824	89,402	90,235	90,697	90,724	90,975	91,346	91,793	92,349	93,040	93,376
55 years and over	14,428	14,806	14,865	14,877	15,088	15,053	14,968	15,132	15,242	15,282	15,333	15,502	15,593
Men, 16 years and over	65,688	65,894	66,171	66,450	67,304	67,606	67,347	67,252	67,319	67,708	68,124	68,349	68,648
16 to 24 years	9,778	9,804	9,872	9,952	10,100	10,115	10,042	9,917	9,760	9,762	9,783	9,677	9,741
16 to 19 years	2,986	3,122	3,109	3,171	3,240	3,290	3,295	3,306	3,277	3,296	3,359	3,278	3,309
16 to 17 years	1,172	1,227	1,253	1,305	1,366	1,313	1,334	1,323	1,292	1,307	1,331	1,293	1,341
18 to 19 years	1,823	1,895	1,859	1,857	1,865	1,971	1,977	1,982	1,981	1,990	2,040	1,978	1,963
20 to 24 years	6,791	6,682	6,763	6,781	6,860	6,824	6,747	6,611	6,484	6,465	6,424	6,399	6,431
25 years and over	55,925	56,094	56,271	56,523	57,203	57,491	57,278	57,370	57,552	57,929	58,318	58,724	58,897
25 to 54 years	47,902	47,941	48,136	48,254	48,845	49,101	49,003	48,991	49,081	49,394	49,688	50,012	50,214
55 years and over	8,028	8,154	8,133	8,246	8,385	8,384	8,271	8,353	8,505	8,525	8,626	8,691	8,719
Women, 16 years and over	55,464	56,140	56,478	56,729	57,101	57,319	57,364	57,568	57,823	57,985	58,257	58,692	59,058
16 to 24 years	8,877	8,967	9,045	8,966	8,995	9,047	8,946	8,816	8,812	8,815	8,893	8,869	9,023
16 to 19 years	2,889	2,986	3,039	2,978	3,025	3,138	3,132	3,110	3,121	3,124	3,145	3,207	3,289
16 to 17 years	1,109	1,192	1,219	1,230	1,245	1,261	1,261	1,244	1,263	1,282	1,316	1,351	1,363
18 to 19 years	1,779	1,782	1,821	1,756	1,775	1,869	1,876	1,881	1,850	1,828	1,830	1,867	1,921
20 to 24 years	5,988	5,981	6,006	5,988	5,970	5,909	5,814	5,706	5,692	5,691	5,749	5,663	5,734
25 years and over	46,591	47,178	47,440	47,748	48,104	48,272	48,439	48,736	49,008	49,163	49,391	49,806	50,034
25 to 54 years	40,182	40,531	40,687	41,148	41,390	41,595	41,721	41,984	42,265	42,399	42,661	43,027	43,162
55 years and over	6,400	6,652	6,732	6,630	6,703	6,669	6,679	6,779	6,737	6,757	6,707	6,811	6,874

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

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

(In thousands)

Age and sex	1993	1994				1995				1996			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Total, 16 years and over	8,590	8,597	8,039	7,872	7,385	7,279	7,464	7,512	7,364	7,451	7,251	7,076	7,124
16 to 24 years	2,738	2,844	2,754	2,661	2,505	2,511	2,563	2,700	2,592	2,647	2,532	2,478	2,512
16 to 19 years	1,323	1,352	1,372	1,304	1,249	1,290	1,347	1,385	1,362	1,343	1,287	1,287	1,309
16 to 17 years	599	627	668	625	580	634	650	668	657	638	626	607	598
18 to 19 years	726	716	714	673	677	646	701	713	717	694	662	678	724
20 to 24 years	1,415	1,491	1,382	1,357	1,256	1,221	1,217	1,315	1,230	1,304	1,245	1,192	1,204
25 years and over	5,892	5,739	5,285	5,216	4,895	4,753	4,902	4,815	4,783	4,792	4,719	4,605	4,621
25 to 54 years	5,240	5,055	4,639	4,593	4,304	4,192	4,309	4,228	4,211	4,219	4,158	4,064	4,110
55 years and over	657	697	633	619	597	567	586	584	574	574	548	543	514
Men, 16 years and over	4,751	4,731	4,346	4,294	4,015	3,917	4,009	4,025	3,987	4,047	3,927	3,772	3,732
16 to 24 years	1,531	1,594	1,531	1,502	1,391	1,362	1,392	1,481	1,440	1,458	1,420	1,371	1,371
16 to 19 years	741	772	767	737	683	713	740	764	757	749	721	736	726
16 to 17 years	328	353	375	335	308	340	352	361	359	358	348	352	329
18 to 19 years	410	411	403	395	382	363	395	400	407	381	376	381	407
20 to 24 years	790	822	765	765	707	650	652	717	683	709	700	634	645
25 years and over	3,250	3,121	2,817	2,800	2,629	2,541	2,619	2,553	2,548	2,578	2,507	2,411	2,359
25 to 54 years	2,842	2,732	2,453	2,437	2,278	2,223	2,277	2,224	2,234	2,271	2,212	2,106	2,070
55 years and over	399	400	363	361	346	325	343	329	307	309	293	307	285
Women, 16 years and over	3,839	3,866	3,693	3,578	3,370	3,362	3,456	3,487	3,377	3,404	3,324	3,304	3,392
16 to 24 years	1,207	1,249	1,223	1,159	1,114	1,149	1,171	1,219	1,152	1,188	1,111	1,108	1,141
16 to 19 years	582	580	606	567	565	577	607	621	605	594	566	550	583
16 to 17 years	270	275	293	290	272	294	298	307	298	281	278	254	269
18 to 19 years	316	305	311	277	295	283	306	314	310	313	285	297	317
20 to 24 years	625	669	617	592	549	572	565	598	547	595	545	557	558
25 years and over	2,642	2,618	2,468	2,415	2,266	2,212	2,283	2,262	2,235	2,214	2,212	2,193	2,262
25 to 54 years	2,398	2,323	2,187	2,156	2,026	1,969	2,032	2,004	1,977	1,948	1,946	1,958	2,041
55 years and over	258	296	270	258	251	242	243	256	267	265	255	236	229

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

D-7. Unemployment rates by age and sex, seasonally adjusted

Age and sex	1993	1994				1995				1996			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Total, 16 years and over	6.6	6.6	6.2	6.0	5.6	5.5	5.6	5.7	5.6	5.6	5.4	5.3	5.3
16 to 24 years	12.8	13.2	12.7	12.3	11.6	11.6	11.9	12.6	12.2	12.5	11.9	11.8	11.8
16 to 19 years	18.4	18.1	18.2	17.5	16.6	16.7	17.3	17.6	17.6	17.3	16.5	16.6	16.6
16 to 17 years	20.8	20.6	21.3	19.8	18.2	19.8	20.0	20.7	20.5	19.8	19.1	18.7	18.1
18 to 19 years	16.8	16.3	16.2	15.7	15.7	14.4	15.4	15.6	15.8	15.4	14.6	15.0	15.7
20 to 24 years	10.0	10.5	9.8	9.6	8.9	8.8	8.8	9.6	9.2	9.7	9.3	9.0	9.0
25 years and over	5.4	5.3	4.8	4.8	4.4	4.3	4.4	4.3	4.3	4.3	4.2	4.1	4.1
25 to 54 years	5.6	5.4	5.0	4.9	4.6	4.4	4.5	4.4	4.4	4.4	4.3	4.2	4.2
55 years and over	4.4	4.5	4.1	4.0	3.8	3.6	3.8	3.7	3.6	3.6	3.5	3.4	3.2
Men, 16 years and over	6.7	6.7	6.2	6.1	5.6	5.5	5.6	5.6	5.6	5.6	5.5	5.2	5.2
16 to 24 years	13.5	14.0	13.4	13.1	12.1	11.9	12.2	13.0	12.9	13.0	12.7	12.4	12.3
16 to 19 years	19.9	19.8	19.8	18.9	17.4	17.8	18.3	18.8	18.8	18.5	17.7	18.3	18.0
16 to 17 years	21.9	22.3	23.1	20.4	18.4	20.6	20.9	21.4	21.7	21.5	20.7	21.4	19.7
18 to 19 years	18.4	17.8	17.8	17.6	17.0	15.5	16.6	16.8	17.1	16.1	15.6	16.1	17.2
20 to 24 years	10.4	11.0	10.2	10.1	9.3	8.7	8.8	9.8	9.5	9.9	9.8	9.0	9.1
25 years and over	5.5	5.3	4.8	4.7	4.4	4.2	4.4	4.3	4.2	4.3	4.1	3.9	3.9
25 to 54 years	5.6	5.4	4.8	4.8	4.5	4.3	4.4	4.3	4.4	4.4	4.3	4.0	4.0
55 years and over	4.7	4.7	4.3	4.2	4.0	3.7	4.0	3.8	3.5	3.5	3.3	3.4	3.2
Women, 16 years and over	6.5	6.4	6.1	5.9	5.6	5.5	5.7	5.7	5.5	5.5	5.4	5.3	5.4
16 to 24 years	12.0	12.2	11.9	11.4	11.0	11.3	11.6	12.1	11.6	11.9	11.1	11.1	11.2
16 to 19 years	16.8	16.3	16.6	16.0	15.7	15.5	16.2	16.6	16.2	16.0	15.3	14.6	15.0
16 to 17 years	19.6	18.7	19.4	19.1	18.0	18.9	19.1	19.8	19.1	18.0	17.5	15.8	16.5
18 to 19 years	15.1	14.6	14.6	13.6	14.3	13.2	14.0	14.3	14.3	14.6	13.5	13.7	14.2
20 to 24 years	9.4	10.1	9.3	9.0	8.4	8.8	8.9	9.5	8.8	9.5	8.7	9.0	8.9
25 years and over	5.4	5.3	4.9	4.8	4.5	4.4	4.5	4.4	4.4	4.3	4.3	4.2	4.3
25 to 54 years	5.6	5.4	5.1	5.0	4.7	4.5	4.6	4.6	4.5	4.4	4.4	4.4	4.5
55 years and over	3.9	4.3	3.9	3.8	3.6	3.5	3.5	3.6	3.8	3.8	3.7	3.3	3.2

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

Category	1993	1994				1995				1996			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
CHARACTERISTIC													
Total	6.6	6.6	6.2	6.0	5.6	5.5	5.6	5.7	5.6	5.6	5.4	5.3	5.3
Men, 20 years and over	6.0	5.9	5.4	5.3	4.9	4.7	4.9	4.9	4.8	4.9	4.7	4.5	4.4
Women, 20 years and over	5.8	5.8	5.5	5.3	4.9	4.9	5.0	5.0	4.8	4.9	4.8	4.7	4.8
Both sexes, 16 to 19 years	18.4	18.1	18.2	17.5	16.6	16.7	17.3	17.8	17.6	17.3	16.5	16.6	16.6
White	5.9	5.7	5.3	5.2	4.9	4.8	4.9	4.9	4.9	4.9	4.7	4.6	4.6
Black and other	11.0	11.4	10.6	10.2	9.8	9.4	9.6	10.0	9.2	9.5	9.3	9.2	9.2
Black	12.1	12.9	11.6	10.8	10.6	10.2	10.4	11.0	9.9	10.6	10.3	10.5	10.6
Hispanic origin	10.9	10.2	10.2	10.0	9.2	9.4	9.2	9.2	9.5	9.6	9.2	8.7	8.0
Married men, spouse present	4.2	4.2	3.7	3.5	3.3	3.2	3.4	3.4	3.2	3.1	3.0	3.0	3.0
Married women, spouse present	4.6	4.4	4.1	4.1	3.8	3.8	3.9	4.1	3.8	3.7	3.7	3.4	3.6
Women who maintain families	9.6	9.6	9.0	8.5	8.7	8.4	8.5	7.7	7.5	7.8	7.8	8.6	8.5
OCCUPATION													
Managerial and professional specialty	2.9	2.8	2.6	2.5	2.4	2.4	2.4	2.5	2.5	2.4	2.4	2.3	2.3
Technical, sales, and administrative support	5.3	5.5	5.1	4.8	4.5	4.4	4.6	4.4	4.3	4.5	4.4	4.5	4.6
Precision production, craft, and repair	7.4	7.1	6.5	5.9	5.6	5.7	6.1	6.4	5.9	5.7	5.4	5.4	5.5
Operators, fabricators, and laborers	9.4	9.5	9.0	8.9	8.4	7.9	8.3	8.5	8.2	8.3	8.0	7.8	7.7
Farming, forestry, and fishing	8.5	9.1	7.3	9.1	8.0	7.7	8.2	7.6	8.0	7.9	8.0	6.7	7.5
INDUSTRY													
Nonagricultural private wage and salary workers	6.8	6.9	6.4	6.2	5.8	5.6	5.8	5.9	5.8	5.7	5.6	5.4	5.4
Goods-producing industries	8.2	7.7	6.9	6.7	6.3	6.1	6.5	6.6	6.5	6.3	6.1	5.7	5.9
Mining	7.2	5.1	6.3	5.9	4.3	5.0	4.5	4.0	7.4	6.0	3.9	4.2	6.1
Construction	13.3	13.3	11.9	10.9	10.8	11.1	11.7	12.0	11.5	10.7	10.0	9.4	9.7
Manufacturing	6.7	6.2	5.5	5.5	5.0	4.6	5.0	5.1	5.0	5.0	4.9	4.6	4.7
Durable goods	6.5	5.6	5.2	5.5	4.5	4.1	4.4	4.5	4.5	4.8	4.6	4.1	4.5
Nondurable goods	6.9	7.1	5.9	5.5	5.6	5.3	5.9	5.9	5.7	5.3	5.3	5.3	5.1
Service-producing industries	6.3	6.6	6.1	6.0	5.6	5.4	5.5	5.6	5.5	5.5	5.4	5.3	5.2
Transportation and public utilities	5.4	5.1	5.0	4.7	4.5	4.7	4.4	4.4	4.3	4.0	4.3	4.1	4.0
Wholesale and retail trade	7.7	8.0	7.4	7.3	7.0	6.4	6.5	6.7	6.4	6.6	6.5	6.3	6.2
Finance, insurance, and real estate	3.8	3.6	3.6	3.8	3.3	3.3	3.5	3.2	3.0	2.6	2.6	2.8	3.0
Services	6.0	6.4	6.0	5.7	5.4	5.3	5.5	5.5	5.5	5.6	5.5	5.3	5.1
Government workers	3.2	3.7	3.5	3.4	3.0	3.0	3.0	2.9	2.8	2.8	3.0	2.9	2.9
Agricultural wage and salary workers	11.6	13.3	9.3	12.0	10.0	10.3	11.7	10.4	11.9	10.6	10.3	9.2	10.4

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

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

(Numbers in thousands)

Reason	1993	1994				1995				1996			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
NUMBER OF UNEMPLOYED													
Job losers and persons who completed temporary jobs	4,590	4,204	3,694	3,733	3,541	3,438	3,460	3,495	3,525	3,546	3,448	3,226	3,218
On temporary layoff	1,114	1,061	888	973	930	1,016	1,027	1,039	1,043	1,059	1,054	967	979
Not on temporary layoff	3,476	3,143	2,806	2,760	2,611	2,422	2,432	2,455	2,482	2,486	2,394	2,260	2,238
Job leavers	989	840	803	801	716	767	854	857	819	789	704	776	822
Reentrants	2,130	2,945	2,925	2,699	2,574	2,491	2,582	2,547	2,485	2,506	2,544	2,477	2,523
New entrants	872	630	604	607	581	582	580	581	576	605	553	567	596
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs	53.5	48.8	46.0	47.6	47.8	47.2	46.3	46.7	47.6	47.6	47.6	45.8	44.9
On temporary layoff	13.0	12.3	11.1	12.4	12.5	14.0	13.7	13.9	14.1	14.2	14.5	13.7	13.7
Not on temporary layoff	40.5	36.5	35.0	35.2	35.2	33.3	32.5	32.8	33.5	33.4	33.0	32.1	31.3
Job leavers	11.5	9.7	10.0	10.2	9.7	10.5	11.4	11.5	11.1	10.6	9.7	11.0	11.5
Reentrants	24.8	34.2	36.4	34.4	34.7	34.2	34.5	34.0	33.6	33.7	35.1	35.1	35.2
New entrants	10.2	7.3	7.5	7.7	7.8	8.0	7.8	7.8	7.8	8.1	7.6	8.0	8.3
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers and persons who completed temporary jobs	3.5	3.2	2.8	2.8	2.7	2.6	2.6	2.6	2.7	2.7	2.6	2.4	2.4
Job leavers .....	.8	.6	.6	.6	.5	.6	.6	.6	.6	.6	.5	.6	.6
Reentrants	1.6	2.3	2.2	2.1	2.0	1.9	2.0	1.9	1.9	1.9	1.9	1.8	1.9
New entrants .....	.7	.5	.5	.5	.4	.4	.4	.4	.4	.5	.4	.4	.4

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

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

(Numbers in thousands)

Duration	1993	1994				1995				1996			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
NUMBER OF UNEMPLOYED													
Less than 5 weeks	3,223	2,890	2,736	2,702	2,555	2,661	2,669	2,723	2,743	2,714	2,583	2,553	2,682
5 to 14 weeks	2,465	2,550	2,449	2,403	2,191	2,222	2,346	2,435	2,367	2,322	2,280	2,250	2,291
15 weeks and over	2,994	3,078	2,813	2,783	2,718	2,336	2,419	2,354	2,336	2,366	2,365	2,292	2,219
15 to 26 weeks	1,197	1,307	1,172	1,221	1,223	1,023	1,136	1,100	1,079	1,104	1,066	1,012	1,019
27 weeks and over	1,797	1,771	1,640	1,562	1,495	1,313	1,283	1,254	1,257	1,261	1,299	1,280	1,200
Average (mean) duration, in weeks	18.3	18.9	19.0	18.9	18.5	17.1	16.7	16.3	16.4	16.7	17.1	17.0	16.2
Median duration, in weeks	8.2	9.1	9.1	9.1	9.3	8.1	8.3	8.3	8.1	8.2	8.4	8.5	7.9
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	37.1	33.9	34.2	34.3	34.2	36.9	35.9	36.2	36.8	36.7	35.7	36.0	37.3
5 to 14 weeks	28.4	29.9	30.6	30.5	29.4	30.8	31.6	32.4	31.8	31.4	31.6	31.7	31.9
15 weeks and over	34.5	36.1	35.2	35.3	36.4	32.4	32.5	31.3	31.4	32.0	32.7	32.3	30.9
15 to 26 weeks	13.8	15.3	14.7	15.5	16.4	14.2	15.3	14.6	14.5	14.9	14.7	14.3	14.2
27 weeks and over	20.7	20.8	20.5	19.8	20.0	18.2	17.3	16.7	16.9	17.0	18.0	18.0	16.7

NOTE: Data have been revised based on the experience through December 1996. See the article in this issue for additional information.

**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	
	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996
TOTAL								
Civilian noninstitutional population	199,352	201,457	167,438	168,918	23,388	23,761	18,845	19,452
Civilian labor force	132,498	134,857	112,009	113,761	14,951	15,307	12,416	13,169
Percent of population	66.5	66.9	66.9	67.3	63.9	64.4	65.9	67.7
Employed	125,571	128,166	106,871	108,916	13,557	13,783	11,297	12,165
Agriculture	3,264	3,300	3,058	3,119	83	110	545	555
Nonagricultural industries	122,307	124,867	103,813	105,797	13,473	13,674	10,752	11,610
Unemployed	6,927	6,691	5,138	4,845	1,395	1,524	1,119	1,004
Unemployment rate	5.2	5.0	4.6	4.3	9.3	10.0	9.0	7.6
Not in labor force	66,854	66,600	55,429	55,157	8,437	8,454	6,429	6,283
Men, 16 years and over								
Civilian noninstitutional population	95,578	96,651	81,019	81,811	10,479	10,651	9,431	9,716
Civilian labor force	71,091	72,172	60,971	61,827	7,132	7,287	7,412	7,789
Percent of population	74.4	74.7	75.3	75.6	68.1	68.4	78.6	80.2
Employed	67,373	68,699	58,169	59,247	6,441	6,547	6,771	7,273
Agriculture	2,414	2,498	2,237	2,348	76	95	467	492
Nonagricultural industries	64,959	66,201	55,932	56,899	6,365	6,452	6,304	6,781
Unemployed	3,719	3,472	2,802	2,580	692	740	640	516
Unemployment rate	5.2	4.8	4.6	4.2	9.7	10.2	8.6	6.6
Not in labor force	24,486	24,479	20,047	19,985	3,347	3,364	2,020	1,927
Men, 20 years and over								
Civilian noninstitutional population	88,082	88,950	75,110	75,698	9,312	9,476	8,463	8,709
Civilian labor force	67,280	68,366	57,755	58,581	6,695	6,871	6,957	7,305
Percent of population	76.4	76.9	76.9	77.4	71.9	72.5	82.2	83.9
Employed	64,259	65,560	55,467	56,484	6,147	6,283	6,433	6,889
Agriculture	2,254	2,338	2,086	2,196	73	93	449	475
Nonagricultural industries	62,004	63,222	53,381	54,288	6,074	6,190	5,984	6,415
Unemployed	3,022	2,805	2,288	2,098	547	588	524	416
Unemployment rate	4.5	4.1	4.0	3.6	8.2	8.6	7.5	5.7
Not in labor force	20,802	20,585	17,355	17,116	2,618	2,605	1,505	1,404
Women, 16 years and over								
Civilian noninstitutional population	103,774	104,807	86,419	87,107	12,909	13,110	9,413	9,736
Civilian labor force	61,406	62,686	51,037	51,935	7,819	8,020	5,004	5,380
Percent of population	59.2	59.8	59.1	59.6	60.6	61.2	53.2	55.3
Employed	58,198	59,467	48,702	49,669	7,116	7,237	4,526	4,892
Agriculture	850	802	821	771	8	15	78	64
Nonagricultural industries	57,348	58,665	47,881	48,898	7,108	7,222	4,448	4,829
Unemployed	3,208	3,219	2,336	2,266	703	784	478	488
Unemployment rate	5.2	5.1	4.6	4.4	9.0	9.8	9.6	9.1
Not in labor force	42,368	42,121	35,382	35,173	5,090	5,090	4,409	4,356
Women, 20 years and over								
Civilian noninstitutional population	96,558	97,371	80,752	81,241	11,745	11,897	8,482	8,764
Civilian labor force	57,837	58,965	48,071	48,818	7,361	7,565	4,663	5,015
Percent of population	59.9	60.6	59.5	60.1	62.7	63.6	55.0	57.2
Employed	55,179	56,276	46,125	46,912	6,795	6,917	4,258	4,612
Agriculture	803	766	775	739	8	14	74	61
Nonagricultural industries	54,376	55,510	45,351	46,174	6,787	6,903	4,185	4,551
Unemployed	2,658	2,690	1,946	1,906	566	649	405	403
Unemployment rate	4.6	4.6	4.0	3.9	7.7	8.6	8.7	8.0
Not in labor force	38,722	38,406	32,681	32,423	4,384	4,331	3,819	3,749
Both sexes, 16 to 19 years								
Civilian noninstitutional population	14,712	15,136	11,575	11,980	2,331	2,389	1,900	1,979
Civilian labor force	7,381	7,526	6,183	6,362	896	871	795	849
Percent of population	50.2	49.7	53.4	53.1	38.4	36.5	41.8	42.9
Employed	6,133	6,330	5,279	5,520	614	584	606	664
Agriculture	207	195	197	185	2	3	22	20
Nonagricultural industries	5,926	6,135	5,081	5,336	612	581	584	644
Unemployed	1,248	1,196	904	842	282	287	189	185
Unemployment rate	16.9	15.9	14.6	13.2	31.4	33.0	23.8	21.8
Not in labor force	7,330	7,610	5,393	5,618	1,435	1,518	1,105	1,130

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 ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	IV	IV	IV	IV	IV	IV	IV	IV
	1995	1996	1995	1996	1995	1996	1995	1996
TOTAL								
Civilian noninstitutional population	18,845	19,452	11,788	11,879	1,908	2,123	1,007	1,027
Civilian labor force	12,416	13,169	7,900	8,163	1,102	1,229	624	677
Percent of population	65.9	67.7	67.0	68.7	57.7	57.9	61.9	65.9
Employed	11,297	12,165	7,160	7,521	982	1,112	572	638
Agriculture	545	555	480	499	9	9	11	-
Nonagricultural industries	10,752	11,610	6,680	7,022	973	1,104	561	638
Unemployed	1,119	1,004	740	642	120	116	52	39
Unemployment rate	9.0	7.6	9.4	7.9	10.9	9.5	8.3	5.8
Not in labor force	6,429	6,283	3,888	3,716	806	894	384	350
Men, 16 years and over								
Civilian noninstitutional population	9,431	9,716	6,126	6,130	866	998	501	522
Civilian labor force	7,412	7,789	4,908	5,011	608	687	354	395
Percent of population	78.6	80.2	80.1	81.8	70.2	68.8	70.8	75.7
Employed	6,771	7,273	4,481	4,664	531	632	329	373
Agriculture	467	492	416	442	9	9	9	-
Nonagricultural industries	6,304	6,781	4,066	4,222	522	623	320	374
Unemployed	640	516	427	347	77	55	25	21
Unemployment rate	8.6	6.6	8.7	6.9	12.8	8.1	7.1	5.4
Not in labor force	2,020	1,927	1,218	1,118	258	311	147	127
Men, 20 years and over								
Civilian noninstitutional population	8,463	8,709	5,458	5,497	758	863	484	505
Civilian labor force	6,957	7,305	4,586	4,701	557	629	346	387
Percent of population	82.2	83.9	84.0	85.5	73.5	72.9	71.7	76.6
Employed	6,433	6,889	4,235	4,421	503	593	324	366
Agriculture	449	475	399	426	8	9	9	-
Nonagricultural industries	5,984	6,415	3,836	3,995	495	585	315	366
Unemployed	524	416	352	280	54	36	23	21
Unemployment rate	7.5	5.7	7.7	6.0	9.7	5.7	6.5	5.3
Not in labor force	1,505	1,404	871	797	201	234	137	118
Women, 16 years and over								
Civilian noninstitutional population	9,413	9,736	5,662	5,750	1,042	1,124	506	505
Civilian labor force	5,004	5,380	2,992	3,152	493	541	270	283
Percent of population	53.2	55.3	52.8	54.8	47.3	48.2	53.2	55.9
Employed	4,526	4,892	2,679	2,857	451	480	243	265
Agriculture	78	64	65	57	-	-	2	-
Nonagricultural industries	4,448	4,829	2,614	2,800	451	480	241	265
Unemployed	478	488	313	295	43	61	26	18
Unemployment rate	9.6	9.1	10.5	9.4	8.7	11.3	9.7	6.4
Not in labor force	4,409	4,356	2,670	2,598	548	583	237	223
Women, 20 years and over								
Civilian noninstitutional population	8,482	8,764	5,069	5,121	936	996	477	483
Civilian labor force	4,663	5,015	2,776	2,909	458	497	255	272
Percent of population	55.0	57.2	54.8	56.8	48.9	49.9	53.3	56.4
Employed	4,258	4,612	2,516	2,671	426	446	229	255
Agriculture	74	61	61	54	-	-	2	-
Nonagricultural industries	4,185	4,551	2,455	2,617	426	446	227	255
Unemployed	405	403	260	237	32	51	25	17
Unemployment rate	8.7	8.0	9.4	8.2	7.1	10.3	9.9	6.4
Not in labor force	3,819	3,749	2,293	2,213	478	499	223	211
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,900	1,979	1,262	1,261	213	263	46	39
Civilian labor force	795	849	538	554	86	102	23	18
Percent of population	41.8	42.9	42.6	43.9	40.5	38.9	(²)	(²)
Employed	606	664	410	429	53	73	19	17
Agriculture	22	20	20	19	1	-	-	-
Nonagricultural industries	584	644	390	409	51	73	19	18
Unemployed	189	185	128	125	34	29	4	1
Unemployment rate	23.8	21.8	23.8	22.6	40.1	28.6	(²)	(²)
Not in labor force	1,105	1,130	724	707	127	161	23	21

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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	
	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996
SEX								
Total (all civilian workers)	125,571	128,166	106,871	108,916	13,557	13,783	11,297	12,165
Men	67,373	68,699	58,169	59,247	6,441	6,547	6,771	7,273
Women	58,198	59,467	48,702	49,669	7,116	7,237	4,526	4,892
OCCUPATION								
Managerial and professional specialty	35,957	37,378	31,692	32,827	2,891	2,800	1,590	1,704
Executive, administrative, and managerial	17,410	17,928	15,494	15,921	1,335	1,280	851	854
Professional specialty	18,547	19,450	16,198	16,906	1,555	1,520	739	850
Technical, sales, and administrative support	37,428	38,058	32,184	32,430	3,823	3,987	2,804	3,099
Technicians and related support	3,863	4,037	3,357	3,449	353	365	246	248
Sales occupations	15,346	15,531	13,571	13,556	1,231	1,287	1,119	1,207
Administrative support, including clerical	18,219	18,489	15,255	15,425	2,239	2,334	1,439	1,644
Service occupations	16,789	17,198	13,031	13,454	2,938	2,996	2,243	2,457
Private household	827	838	626	670	158	139	183	229
Protective service	2,188	2,136	1,705	1,688	418	395	161	177
Service, except private household and protective	13,775	14,224	10,701	11,096	2,362	2,461	1,899	2,052
Precision production, craft, and repair	13,558	13,673	11,938	12,092	1,115	1,061	1,361	1,527
Mechanics and repairers	4,468	4,529	3,987	4,006	354	341	357	439
Construction trades	5,100	5,195	4,553	4,703	395	360	524	596
Other precision production, craft, and repair	3,990	3,949	3,398	3,382	366	360	479	492
Operators, fabricators, and laborers	18,353	18,488	14,793	14,958	2,664	2,797	2,700	2,746
Machine operators, assemblers, and inspectors	8,078	7,956	6,338	6,415	1,228	1,130	1,356	1,364
Transportation and material moving occupations	5,223	5,398	4,352	4,483	723	797	539	567
Handlers, equipment cleaners, helpers, and laborers	5,051	5,135	4,103	4,060	713	870	805	814
Construction laborers	808	843	657	683	114	136	148	158
Other handlers, equipment cleaners, helpers, and laborers	4,243	4,292	3,446	3,377	599	734	657	657
Farming, forestry, and fishing	3,485	3,372	3,232	3,156	126	144	600	633
CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,737	1,772	1,585	1,657	57	73	478	487
Self-employed workers	1,491	1,467	1,436	1,405	26	37	65	66
Unpaid family workers	37	60	37	56	-	-	2	2
Nonagricultural industries:								
Wage and salary workers	113,278	115,667	95,665	97,526	12,924	13,184	10,244	11,012
Government	18,369	18,352	14,764	14,750	2,911	2,849	1,271	1,323
Private industries	94,908	97,315	80,901	82,776	10,013	10,334	8,973	9,689
Private households	961	974	714	759	198	177	213	251
Other industries	93,947	96,341	80,187	82,017	9,815	10,157	8,760	9,439
Self-employed workers	8,930	9,063	8,060	8,158	548	490	500	587
Unpaid family workers	100	137	89	113	1	-	8	11
FULL- OR PART-TIME STATUS								
Full-time workers	101,945	104,463	86,202	88,171	11,458	11,751	9,567	10,242
Part-time workers	23,626	23,704	20,668	20,745	2,099	2,033	1,730	1,923

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 ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996
SEX								
Total (all civilian workers)	11,297	12,165	7,160	7,521	982	1,112	572	638
Men	6,771	7,273	4,481	4,664	531	632	329	373
Women	4,526	4,892	2,679	2,857	451	480	243	265
OCCUPATION								
Managerial and professional specialty	1,590	1,704	839	869	175	180	133	143
Executive, administrative, and managerial	851	854	457	423	79	104	71	82
Professional specialty	739	850	382	446	96	76	63	60
Technical, sales, and administrative support	2,804	3,099	1,609	1,715	303	367	198	199
Technicians and related support	246	248	138	130	28	34	28	18
Sales occupations	1,119	1,207	630	644	109	119	86	93
Administrative support, including clerical	1,439	1,644	840	941	166	215	84	88
Service occupations	2,243	2,457	1,416	1,474	177	218	83	105
Private household	183	229	104	118	3	11	2	1
Protective service	161	177	82	97	36	32	9	15
Service, except private household and protective	1,899	2,052	1,231	1,259	138	175	73	89
Precision production, craft, and repair	1,361	1,527	901	1,034	101	110	61	86
Mechanics and repairers	357	439	213	251	36	38	28	41
Construction trades	524	596	358	446	23	28	17	23
Other precision production, craft, and repair	479	492	330	337	42	43	16	22
Operators, fabricators, and laborers	2,700	2,746	1,875	1,864	216	225	87	105
Machine operators, assemblers, and inspectors	1,356	1,364	944	919	118	97	28	42
Transportation and material moving occupations	539	567	352	367	51	65	31	36
Handlers, equipment cleaners, helpers, and laborers	805	814	579	578	47	62	29	27
Construction laborers	148	158	114	117	7	4	4	9
Other handlers, equipment cleaners, helpers, and laborers	657	657	465	461	40	58	25	18
Farming, forestry, and fishing	600	633	520	564	10	12	10	-
CLASS OF WORKER								
Agriculture:								
Wage and salary workers	478	487	436	444	9	9	3	-
Self-employed workers	65	66	43	53	-	-	8	-
Unpaid family workers	2	2	2	2	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	10,244	11,012	6,382	6,665	947	1,070	513	598
Government	1,271	1,323	789	835	159	153	72	74
Private industries	8,973	9,689	5,593	5,830	788	917	441	525
Private households	213	251	128	133	3	12	2	2
Other industries	8,760	9,439	5,465	5,697	785	905	440	523
Self-employed workers	500	587	290	348	26	34	48	40
Unpaid family workers	8	11	7	8	-	-	-	1
FULL- OR PART-TIME STATUS								
Full-time workers	9,567	10,242	6,060	6,383	834	913	507	538
Part time workers	1,730	1,923	1,101	1,139	148	199	65	100

¹ 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	
	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996
Total, 16 years and over	125,571	128,166	106,871	108,916	13,557	13,783	11,297	12,165
16 to 19 years	6,133	6,330	5,279	5,520	614	584	606	664
16 to 17 years	2,463	2,612	2,169	2,297	228	221	176	207
18 to 19 years	3,670	3,718	3,109	3,223	386	363	429	457
20 to 24 years	12,174	12,163	10,118	10,187	1,450	1,395	1,611	1,679
25 years and over	107,264	109,673	91,474	93,209	11,492	11,805	9,081	9,822
25 to 54 years	91,884	93,930	77,810	79,278	10,224	10,467	8,247	8,812
55 years and over	15,380	15,743	13,663	13,931	1,269	1,338	833	1,010
Men, 16 years and over	67,373	68,699	58,169	59,247	6,441	6,547	6,771	7,273
16 to 19 years	3,114	3,139	2,702	2,764	293	264	338	383
16 to 17 years	1,229	1,278	1,088	1,119	106	108	93	105
18 to 19 years	1,885	1,861	1,614	1,645	188	155	245	278
20 to 24 years	6,474	6,421	5,442	5,445	711	662	1,037	1,038
25 years and over	57,784	59,139	50,024	51,038	5,436	5,621	5,396	5,851
25 to 54 years	49,220	50,349	42,333	43,174	4,824	4,994	4,908	5,286
55 years and over	8,564	8,791	7,691	7,864	612	627	488	565
Women, 16 years and over	58,198	59,467	48,702	49,669	7,116	7,237	4,526	4,892
16 to 19 years	3,019	3,191	2,576	2,757	321	320	267	281
16 to 17 years	1,235	1,334	1,081	1,178	122	112	83	102
18 to 19 years	1,785	1,857	1,495	1,579	199	208	184	179
20 to 24 years	5,699	5,742	4,676	4,741	738	733	574	641
25 years and over	49,480	50,534	41,449	42,171	6,056	6,184	3,685	3,971
25 to 54 years	42,665	43,581	35,477	36,104	5,400	5,472	3,339	3,525
55 years and over	6,815	6,953	5,972	6,067	657	711	346	446

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

Age and sex	Total		White		Black		Hispanic origin	
	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996
Total, 16 years and over	5.2	5.0	4.6	4.3	9.3	10.0	9.0	7.6
16 to 19 years	16.9	15.9	14.6	13.2	31.4	33.0	23.8	21.8
16 to 17 years	18.8	16.3	16.4	13.5	33.3	34.5	34.9	26.9
18 to 19 years	15.6	15.6	13.3	13.0	30.3	32.0	18.1	19.2
20 to 24 years	8.5	8.3	7.3	6.6	15.3	19.1	11.8	10.0
25 years and over	4.1	3.9	3.6	3.4	6.9	7.1	7.3	6.1
25 to 54 years	4.2	4.0	3.7	3.5	7.3	7.6	7.2	6.0
55 years and over	3.4	2.9	3.2	2.9	3.8	3.0	7.7	6.7
Men, 16 years and over	5.2	4.8	4.6	4.2	9.7	10.2	8.6	6.6
16 to 19 years	18.3	17.5	16.0	14.9	33.0	36.6	25.6	20.8
16 to 17 years	20.1	17.7	17.9	14.9	33.9	37.7	36.1	27.0
18 to 19 years	17.1	17.4	14.6	14.8	32.5	35.9	20.1	18.1
20 to 24 years	8.8	8.4	7.8	6.7	14.7	20.3	10.9	8.9
25 years and over	4.0	3.6	3.5	3.2	7.2	6.9	6.9	5.1
25 to 54 years	4.1	3.7	3.6	3.3	7.6	7.4	6.8	4.9
55 years and over	3.2	2.9	3.1	2.9	4.6	2.8	7.9	7.1
Women, 16 years and over	5.2	5.1	4.6	4.4	9.0	9.8	9.6	9.1
16 to 19 years	15.4	14.2	13.2	11.5	29.9	29.6	21.6	23.1
16 to 17 years	17.5	14.8	14.9	12.2	32.9	31.0	33.0	26.7
18 to 19 years	13.9	13.8	11.8	11.1	28.0	28.9	15.1	20.9
20 to 24 years	8.1	8.2	6.8	6.6	16.0	18.0	13.4	11.7
25 years and over	4.2	4.1	3.7	3.6	6.6	7.3	7.9	7.4
25 to 54 years	4.3	4.3	3.8	3.7	7.0	7.8	7.9	7.6
55 years and over	3.5	3.0	3.4	2.9	3.1	3.1	7.4	6.3

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

(Numbers in thousands)

Reasons	Total		White		Black		Hispanic origin	
	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996
NUMBER OF UNEMPLOYED								
Total unemployed	6,927	6,691	5,138	4,845	1,395	1,524	1,119	1,004
Job losers and persons who completed temporary jobs ...	3,330	3,037	2,594	2,277	556	629	569	458
On temporary layoff	915	855	772	712	98	104	172	141
Not on temporary layoff	2,416	2,182	1,823	1,564	458	526	397	317
Permanent job losers	1,688	1,513	1,307	1,108	287	346	271	191
Persons who completed temporary jobs	728	669	516	456	171	179	126	126
Job leavers	812	819	657	645	117	138	87	106
Reentrants	2,312	2,342	1,587	1,617	591	624	351	338
New entrants	472	492	299	306	131	132	112	102
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs ..	48.1	45.4	50.5	47.0	39.9	41.3	50.9	45.6
On temporary layoff	13.2	12.8	15.0	14.7	7.0	6.8	15.4	14.1
Not on temporary layoff	34.9	32.6	35.5	32.3	32.8	34.5	35.5	31.6
Job leavers	11.7	12.2	12.8	13.3	8.4	9.1	7.7	10.6
Reentrants	33.4	35.0	30.9	33.4	42.4	41.0	31.4	33.6
New entrants	6.8	7.4	5.8	6.3	9.4	8.6	10.0	10.1
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers and persons who completed temporary jobs ..	2.5	2.3	2.3	2.0	3.7	4.1	4.6	3.5
Job leavers .....	.6	.6	.6	.6	.8	.9	.7	.8
Reentrants	1.7	1.7	1.4	1.4	4.0	4.1	2.8	2.6
New entrants .....	.4	.4	.3	.3	.9	.9	.9	.8

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	
	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996
NUMBER OF UNEMPLOYED								
Total, 16 years and over	6,927	6,691	5,138	4,845	1,395	1,524	1,119	1,004
Less than 5 weeks	2,495	2,442	1,956	1,896	407	435	410	377
5 to 14 weeks	2,303	2,229	1,728	1,593	441	530	389	353
15 weeks and over	2,129	2,020	1,454	1,356	547	558	320	274
15 to 26 weeks	978	924	677	644	247	232	152	118
27 weeks and over	1,151	1,096	777	712	300	326	169	156
Average (mean) duration, in weeks	16.2	16.0	15.3	14.9	19.3	18.9	15.4	14.9
Median duration, in weeks	8.0	7.7	7.2	6.9	10.8	9.8	7.8	7.4
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	36.0	36.5	38.1	39.1	29.2	28.6	36.6	37.6
5 to 14 weeks	33.2	33.3	33.6	32.9	31.6	34.8	34.7	35.2
15 weeks and over	30.7	30.2	28.3	28.0	39.2	36.6	28.6	27.3
15 to 26 weeks	14.1	13.8	13.2	13.3	17.7	15.2	13.6	11.7
27 weeks and over	16.6	16.4	15.1	14.7	21.5	21.4	15.1	15.5

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

HOUSEHOLD DATA
 NOT SEASONALLY ADJUSTED
 QUARTERLY AVERAGES

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	IV 1995	IV 1996	IV 1995	IV 1996
SEX AND AGE				
Total, 16 years and over	89,603	91,313	\$484	\$499
Men, 16 years and over	51,173	52,053	548	565
16 to 24 years	5,715	5,684	308	313
25 years and over	45,457	46,369	590	602
Women, 16 years and over	38,430	39,260	407	425
16 to 24 years	4,045	4,078	285	293
25 years and over	34,386	35,182	428	451
RACE, HISPANIC ORIGIN, AND SEX				
White	74,990	76,333	499	514
Men	43,686	44,488	574	586
Women	31,305	31,845	416	438
Black	10,814	11,026	397	390
Men	5,318	5,347	433	413
Women	5,496	5,679	363	362
Hispanic origin	8,891	9,481	325	342
Men	5,610	5,995	350	364
Women	3,281	3,485	302	316

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-20. Median 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	
	IV 1995	IV 1996	IV 1995	IV 1996
SEX AND AGE				
Total, 16 years and over	21,423	21,378	\$140	\$144
Men, 16 years and over	6,591	6,495	130	133
16 to 24 years	3,567	3,534	105	108
25 years and over	3,024	2,961	181	185
Women, 16 years and over	14,832	14,883	144	148
16 to 24 years	4,467	4,660	103	104
25 years and over	10,365	10,223	168	176
RACE, HISPANIC ORIGIN, AND SEX				
White	18,536	18,474	141	146
Men	5,622	5,444	131	132
Women	12,914	13,029	145	151
Black	2,062	2,035	134	132
Men	659	717	119	139
Women	1,403	1,317	140	129
Hispanic origin	1,657	1,751	137	136
Men	609	622	140	139
Women	1,049	1,128	136	134

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-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	
	IV 1995	IV 1996	IV 1995	IV 1996
TOTAL				
Managerial and professional specialty	26,753	27,314	\$706	\$729
Executive, administrative, and managerial	13,221	13,220	698	714
Professional specialty	13,532	14,094	713	739
Technical, sales, and administrative support	25,752	26,441	427	445
Technicians and related support	3,117	3,293	547	582
Sales occupations	8,831	9,040	462	474
Administrative support, including clerical	13,803	14,108	399	409
Service occupations	9,445	10,014	305	312
Private household	310	393	206	217
Protective service	1,934	1,945	521	544
Service, except private household and protective	7,200	7,675	282	292
Precision production, craft, and repair	10,904	11,114	518	542
Mechanics and repairers	3,838	3,933	539	556
Construction trades	3,540	3,671	509	525
Other precision production, craft, and repair	3,525	3,509	509	540
Operators, fabricators, and laborers	15,252	15,042	388	402
Machine operators, assemblers, and inspectors	7,386	6,986	374	396
Transportation and material moving occupations	4,207	4,242	490	488
Handlers, equipment cleaners, helpers, and laborers	3,660	3,814	327	338
Farming, forestry, and fishing	1,497	1,388	281	303
Men				
Managerial and professional specialty	13,898	13,991	825	859
Executive, administrative, and managerial	7,343	7,103	835	859
Professional specialty	6,555	6,888	817	859
Technical, sales, and administrative support	9,565	10,059	568	564
Technicians and related support	1,597	1,691	631	659
Sales occupations	4,935	5,031	584	584
Administrative support, including clerical	3,033	3,337	493	499
Service occupations	4,697	4,855	374	372
Private household	22	30	(¹)	(¹)
Protective service	1,681	1,630	\$558	\$556
Service, except private household and protective	2,994	3,196	309	307
Precision production, craft, and repair	9,990	10,181	531	559
Mechanics and repairers	3,698	3,754	537	558
Construction trades	3,476	3,612	510	528
Other precision production, craft, and repair	2,816	2,815	558	592
Operators, fabricators, and laborers	11,758	11,762	426	432
Machine operators, assemblers, and inspectors	4,822	4,590	436	455
Transportation and material moving occupations	3,940	3,960	497	497
Handlers, equipment cleaners, helpers, and laborers	2,996	3,213	344	346
Farming, forestry, and fishing	1,264	1,205	286	308
Women				
Managerial and professional specialty	12,855	13,323	604	631
Executive, administrative, and managerial	5,878	6,117	576	599
Professional specialty	6,977	7,206	627	660
Technical, sales, and administrative support	16,186	16,383	383	396
Technicians and related support	1,521	1,602	478	508
Sales occupations	3,896	4,009	337	360
Administrative support, including clerical	10,770	10,771	384	391
Service occupations	4,749	5,158	268	283
Private household	288	364	199	220
Protective service	253	315	407	488
Service, except private household and protective	4,207	4,479	266	281
Precision production, craft, and repair	913	933	371	374
Mechanics and repairers	140	179	559	532
Construction trades	64	60	(¹)	(¹)
Other precision production, craft, and repair	709	694	\$349	\$354
Operators, fabricators, and laborers	3,494	3,280	292	314
Machine operators, assemblers, and inspectors	2,564	2,397	289	311
Transportation and material moving occupations	266	283	333	365
Handlers, equipment cleaners, helpers, and laborers	664	601	286	299
Farming, forestry, and fishing	233	183	256	285

¹ 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							
	IV 1995	IV 1996	Total		Employed		Unemployed			
			IV 1995	IV 1996	IV 1995	IV 1996	Number		Percent of labor force	
							IV 1995	IV 1996	IV 1995	IV 1996
VIETNAM-ERA VETERANS										
Total, 40 years and over	7,650	7,758	6,540	6,609	6,345	6,413	195	195	3.0	3.0
40 to 54 years	6,520	6,436	5,885	5,814	5,706	5,635	179	179	3.0	3.1
40 to 44 years	1,374	1,151	1,220	1,048	1,172	1,019	48	29	4.0	2.8
45 to 49 years	3,200	2,973	2,922	2,679	2,839	2,596	83	83	2.8	3.1
50 to 54 years	1,946	2,313	1,743	2,088	1,695	2,020	48	67	2.8	3.2
55 years and over	1,130	1,322	655	794	638	778	16	16	2.5	2.0
NONVETERANS										
Total, 40 to 54 years	17,711	18,713	15,903	16,938	15,321	16,380	581	558	3.7	3.3
40 to 44 years	8,314	8,719	7,662	8,085	7,374	7,812	288	273	3.8	3.4
45 to 49 years	5,421	5,932	4,864	5,369	4,699	5,211	165	157	3.4	2.9
50 to 54 years	3,976	4,062	3,377	3,484	3,248	3,357	129	127	3.8	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.

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	
	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996	IV 1995	IV 1996
Total, 40 to 54 years												
Civilian noninstitutional population	5,784	5,707	601	592	262	275	14,952	15,830	1,871	1,966	1,702	1,819
Civilian labor force	5,284	5,219	487	478	230	240	13,620	14,524	1,489	1,592	1,509	1,632
Employed	5,139	5,066	461	454	220	233	13,166	14,116	1,400	1,475	1,388	1,560
Unemployed	145	153	26	24	10	7	454	408	89	118	121	72
Unemployment rate	2.7	2.9	5.4	5.0	4.2	3.0	3.3	2.8	6.0	7.4	8.0	4.4
40 to 44 years												
Civilian noninstitutional population	1,169	979	169	133	74	70	7,038	7,401	862	912	819	894
Civilian labor force	1,061	899	132	117	65	61	6,554	6,950	735	771	760	824
Employed	1,026	876	119	111	63	57	6,324	6,749	691	714	702	782
Unemployed	35	23	13	6	2	4	230	201	44	56	58	42
Unemployment rate	3.3	2.6	9.8	4.8	2.3	6.8	3.5	2.9	6.0	7.3	7.6	5.1
45 to 49 years												
Civilian noninstitutional population	2,873	2,638	278	287	119	106	4,541	5,008	597	633	500	535
Civilian labor force	2,644	2,406	233	234	105	88	4,135	4,588	479	517	438	484
Employed	2,576	2,333	220	225	102	86	4,017	4,476	449	478	405	469
Unemployed	68	73	13	9	4	1	118	111	30	40	33	15
Unemployment rate	2.6	3.1	5.4	3.9	3.5	1.7	2.9	2.4	6.3	7.7	7.6	3.1
50 to 54 years												
Civilian noninstitutional population	1,742	2,091	154	172	69	98	3,373	3,422	411	422	382	390
Civilian labor force	1,579	1,914	122	127	60	91	2,931	2,986	275	304	311	325
Employed	1,537	1,858	121	118	55	90	2,825	2,891	261	283	282	309
Unemployed	42	57	1	9	4	2	106	95	14	21	29	16
Unemployment rate	2.7	3.0	.5	7.2	7.5	1.7	3.6	3.2	5.2	7.0	9.5	4.8

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

Annual Averages

**HOUSEHOLD DATA
ANNUAL AVERAGES**

1. Employment status of the civilian noninstitutional population, 1933 to date

(Numbers in thousands)

Year	Civilian noninstitutional population	Civilian labor force							Not in labor force
		Total	Percent of population	Employed			Unemployed		
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
Persons 14 years of age and over									
1933	(¹)	51,590	(¹)	38,760	10,090	28,670	12,830	24.9	(¹)
1934	(¹)	52,230	(¹)	40,890	9,900	30,990	11,340	21.7	(¹)
1935	(¹)	52,870	(¹)	42,280	10,110	32,150	10,610	20.1	(¹)
1936	(¹)	53,440	(¹)	44,410	10,000	34,410	9,030	16.9	(¹)
1937	(¹)	54,000	(¹)	46,300	9,820	36,480	7,700	14.3	(¹)
1938	(¹)	54,610	(¹)	44,220	9,690	34,530	10,390	19.0	(¹)
1939	(¹)	55,230	(¹)	45,750	9,610	36,140	9,480	17.2	(¹)
1940	99,840	55,640	55.7	47,520	9,540	37,980	8,120	14.6	44,200
1941	99,900	55,910	56.0	50,350	9,100	41,250	5,560	9.9	43,990
1942	98,640	56,410	57.2	53,750	9,250	44,500	2,660	4.7	42,230
1943	94,640	55,540	58.7	54,470	9,080	45,390	1,070	1.9	39,100
1944	93,220	54,630	58.6	53,960	8,950	45,010	670	1.2	38,590
1945	94,090	53,860	57.2	52,820	8,580	44,240	1,040	1.9	40,230
1946	103,070	57,520	55.8	55,250	8,320	46,930	2,270	3.9	45,550
1947	106,018	60,168	56.8	57,812	8,256	49,557	2,356	3.9	45,850
Persons 16 years of age and over									
1947	101,827	59,350	58.3	57,038	7,890	49,148	2,311	3.9	42,477
1948	103,068	60,621	58.8	58,343	7,629	50,714	2,276	3.8	42,447
1949	103,994	61,286	58.9	57,651	7,658	49,993	3,637	5.9	42,708
1950	104,995	62,208	59.2	58,918	7,160	51,758	3,288	5.3	42,787
1951	104,621	62,017	59.2	59,961	6,726	53,235	2,055	3.3	42,604
1952	105,231	62,138	59.0	60,250	6,500	53,749	1,883	3.0	43,093
1953 ²	107,056	63,015	58.9	61,179	6,260	54,919	1,834	2.9	44,041
1954	108,321	63,643	58.8	60,109	6,205	53,904	3,532	5.5	44,678
1955	109,683	65,023	59.3	62,170	6,450	55,722	2,852	4.4	44,660
1956	110,954	66,552	60.0	63,799	6,283	57,514	2,750	4.1	44,402
1957	112,265	66,929	59.6	64,071	5,947	58,123	2,859	4.3	45,336
1958	113,727	67,639	59.5	63,036	5,586	57,450	4,602	6.8	46,088
1959	115,329	68,369	59.3	64,630	5,565	59,065	3,740	5.5	46,960
1960 ²	117,245	69,628	59.4	65,778	5,458	60,318	3,852	5.5	47,617
1961	118,771	70,459	59.3	65,746	5,200	60,546	4,714	6.7	48,312
1962 ²	120,153	70,614	58.8	66,702	4,944	61,759	3,911	5.5	49,539
1963	122,416	71,833	58.7	67,762	4,687	63,076	4,070	5.7	50,583
1964	124,485	73,091	58.7	69,305	4,523	64,782	3,786	5.2	51,394
1965	126,513	74,455	58.9	71,088	4,361	66,726	3,366	4.5	52,058
1966	128,058	75,770	59.2	72,895	3,979	68,915	2,875	3.8	52,288
1967	129,874	77,347	59.6	74,372	3,844	70,527	2,975	3.8	52,527
1968	132,028	78,737	59.6	75,920	3,817	72,103	2,817	3.6	53,291
1969	134,335	80,734	60.1	77,902	3,606	74,296	2,832	3.5	53,602
1970	137,085	82,771	60.4	78,678	3,463	75,215	4,093	4.9	54,315
1971	140,216	84,382	60.2	79,367	3,394	75,972	5,016	5.9	55,834
1972 ²	144,126	87,034	60.4	82,153	3,484	78,669	4,882	5.6	57,091
1973 ²	147,096	89,429	60.8	85,064	3,470	81,594	4,365	4.9	57,667
1974	150,120	91,949	61.3	86,794	3,515	83,279	5,156	5.6	58,171
1975	153,153	93,775	61.2	85,846	3,408	82,438	7,929	8.5	59,377
1976	156,150	96,158	61.6	88,752	3,331	85,421	7,406	7.7	59,991
1977	159,033	99,009	62.3	92,017	3,283	88,734	6,991	7.1	60,025
1978 ²	161,910	102,251	63.2	96,048	3,387	92,661	6,202	6.1	59,659
1979	164,863	104,962	63.7	98,824	3,347	95,477	6,137	5.8	59,900
1980	167,745	106,940	63.8	99,303	3,364	95,938	7,637	7.1	60,806
1981	170,130	108,670	63.9	100,397	3,368	97,030	8,273	7.6	61,460
1982	172,271	110,204	64.0	99,526	3,401	96,125	10,678	9.7	62,067
1983	174,215	111,550	64.0	100,834	3,383	97,450	10,717	9.6	62,665
1984	176,383	113,544	64.4	105,005	3,321	101,685	8,539	7.5	62,839
1985	178,206	115,461	64.8	107,150	3,179	103,971	8,312	7.2	62,744
1986 ²	180,587	117,834	65.3	109,597	3,163	106,434	8,237	7.0	62,752
1987	182,753	119,865	65.6	112,440	3,208	109,232	7,425	6.2	62,888
1988	184,613	121,669	65.9	114,968	3,169	111,800	6,701	5.5	62,944
1989	186,393	123,869	66.5	117,342	3,199	114,142	6,528	5.3	63,523
1990 ³	189,164	125,840	66.5	118,793	3,223	115,570	7,047	5.6	63,324
1991	190,925	126,346	66.2	117,718	3,269	114,449	8,628	6.8	64,578
1992	192,805	128,105	66.4	118,492	3,247	115,245	9,613	7.5	64,700
1993	194,838	129,200	66.3	120,259	3,115	117,144	8,940	6.9	65,638
1994 ⁴	196,814	131,056	66.6	123,060	3,409	119,651	7,996	6.1	65,758
1995	198,584	132,304	66.6	124,900	3,440	121,460	7,404	5.6	66,280
1996	200,591	133,943	66.8	126,708	3,443	123,264	7,236	5.4	66,647

¹ Not available.

² Not strictly comparable with data for prior years. For an explanation, see "Historical Comparability" under the Household Data section of the Explanatory Notes and Estimates of Error.

³ 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 the publication.

2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1964 to date

(Numbers in thousands)

Year	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	
Men										
1964	58,847	47,679	81.0	45,474	77.3	3,691	41,782	2,205	4.6	11,169
1965	59,782	48,255	80.7	46,340	77.5	3,547	42,792	1,914	4.0	11,527
1966	60,262	48,471	80.4	46,919	77.9	3,243	43,675	1,551	3.2	11,792
1967	60,905	48,987	80.4	47,479	78.0	3,164	44,315	1,508	3.1	11,919
1968	61,847	49,533	80.1	48,114	77.8	3,157	44,957	1,419	2.9	12,315
1969	62,898	50,221	79.8	48,818	77.6	2,963	45,855	1,403	2.8	12,677
1970	64,304	51,228	79.7	48,990	76.2	2,862	46,128	2,238	4.4	13,076
1971	65,942	52,180	79.1	49,390	74.9	2,795	46,595	2,789	5.3	13,762
1972 ¹	67,835	53,555	78.9	50,896	75.0	2,849	48,047	2,659	5.0	14,280
1973 ¹	69,292	54,624	78.8	52,349	75.5	2,847	49,502	2,275	4.2	14,667
1974	70,808	55,739	78.7	53,024	74.9	2,919	50,105	2,714	4.9	15,069
1975	72,291	56,299	77.9	51,857	71.7	2,824	49,032	4,442	7.9	15,993
1976	73,759	57,174	77.5	53,138	72.0	2,744	50,394	4,036	7.1	16,585
1977	75,193	58,396	77.7	54,728	72.8	2,671	52,057	3,667	6.3	16,797
1978 ¹	76,576	59,620	77.9	56,479	73.8	2,718	53,761	3,142	5.3	16,956
1979	78,020	60,726	77.8	57,607	73.8	2,686	54,921	3,120	5.1	17,293
1980	79,398	61,453	77.4	57,186	72.0	2,709	54,477	4,267	6.9	17,945
1981	80,511	61,974	77.0	57,397	71.3	2,700	54,697	4,577	7.4	18,537
1982	81,523	62,450	76.6	56,271	69.0	2,736	53,534	6,179	9.9	19,073
1983	82,531	63,047	76.4	56,787	68.8	2,704	54,083	6,260	9.9	19,484
1984	83,605	63,835	76.4	59,091	70.7	2,668	56,423	4,744	7.4	19,771
1985	84,469	64,411	76.3	59,891	70.9	2,535	57,356	4,521	7.0	20,058
1986 ¹	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 ²	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 ²	94,355	70,817	75.1	66,450	70.4	2,554	63,896	4,367	6.2	23,538
1995	95,176	71,360	75.0	67,377	70.8	2,559	64,818	3,983	5.6	23,818
1996	96,206	72,087	74.9	68,207	70.9	2,573	65,634	3,880	5.4	24,119
Women										
1964	65,637	25,412	38.7	23,831	36.3	832	23,000	1,581	6.2	40,225
1965	66,731	26,200	39.3	24,748	37.1	814	23,934	1,452	5.5	40,531
1966	67,795	27,299	40.3	25,976	38.3	736	25,240	1,324	4.8	40,496
1967	68,968	28,360	41.1	26,893	39.0	680	26,212	1,468	5.2	40,608
1968	70,179	29,204	41.6	27,807	39.6	660	27,147	1,397	4.8	40,976
1969	71,436	30,513	42.7	29,084	40.7	643	28,441	1,429	4.7	40,924
1970	72,782	31,543	43.3	29,688	40.8	601	29,087	1,855	5.9	41,239
1971	74,274	32,202	43.4	29,976	40.4	599	29,377	2,227	6.9	42,072
1972 ¹	76,290	33,479	43.9	31,257	41.0	635	30,622	2,222	6.6	42,811
1973 ¹	77,804	34,804	44.7	32,715	42.0	622	32,093	2,089	6.0	43,000
1974	79,312	36,211	45.7	33,769	42.6	596	33,173	2,441	6.7	43,101
1975	80,860	37,475	46.3	33,989	42.0	584	33,404	3,486	9.3	43,386
1976	82,390	38,983	47.3	35,615	43.2	588	35,027	3,369	8.6	43,406
1977	83,840	40,613	48.4	37,289	44.5	612	36,677	3,324	8.2	43,227
1978 ¹	85,334	42,631	50.0	39,569	46.4	669	38,900	3,061	7.2	42,703
1979	86,843	44,235	50.9	41,217	47.5	661	40,556	3,018	6.8	42,608
1980	88,348	45,487	51.5	42,117	47.7	656	41,461	3,370	7.4	42,861
1981	89,618	46,696	52.1	43,000	48.0	667	42,333	3,696	7.9	42,922
1982	90,748	47,755	52.6	43,256	47.7	665	42,591	4,499	9.4	42,993
1983	91,684	48,503	52.9	44,047	48.0	680	43,367	4,457	9.2	43,181
1984	92,778	49,709	53.6	45,915	49.5	653	45,262	3,794	7.6	43,068
1985	93,736	51,050	54.5	47,259	50.4	644	46,615	3,791	7.4	42,686
1986 ¹	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 ²	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 ²	102,460	60,239	58.8	56,610	55.3	855	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
1996	104,385	61,857	59.3	58,501	56.0	871	57,630	3,356	5.4	42,528

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

² 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 the publication.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Age, sex, and race	1996									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed				Unemployed		Not in labor force
				Total	Percent of population	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force	
TOTAL										
16 years and over	200,591	133,943	66.8	126,708	63.2	3,443	123,264	7,236	5.4	66,647
16 to 19 years	14,934	7,806	52.3	6,500	43.5	261	6,239	1,306	16.7	7,128
16 to 17 years	7,678	3,263	42.5	2,646	34.5	129	2,518	617	18.9	4,415
18 to 19 years	7,256	4,543	62.6	3,853	53.1	132	3,721	689	15.2	2,714
20 to 24 years	17,409	13,377	76.8	12,138	69.7	298	11,840	1,239	9.3	4,032
25 to 54 years	115,506	96,786	83.8	92,641	80.2	2,126	90,516	4,145	4.3	18,720
25 to 34 years	40,252	33,833	84.1	32,077	79.7	751	31,325	1,757	5.2	6,419
25 to 29 years	19,054	16,046	84.2	15,121	79.4	344	14,777	925	5.8	3,008
30 to 34 years	21,199	17,787	83.9	16,956	80.0	407	16,548	832	4.7	3,411
35 to 44 years	43,086	36,556	84.8	35,051	81.4	798	34,253	1,505	4.1	6,530
35 to 39 years	22,357	18,895	84.5	18,061	80.8	404	17,657	834	4.4	3,461
40 to 44 years	20,729	17,661	85.2	16,990	82.0	393	16,596	671	3.8	3,069
45 to 54 years	32,167	26,397	82.1	25,514	79.3	576	24,937	883	3.3	5,770
45 to 49 years	18,328	15,441	84.3	14,927	81.4	332	14,595	514	3.3	2,887
50 to 54 years	13,840	10,956	79.2	10,586	76.5	244	10,342	370	3.4	2,884
55 to 64 years	20,990	12,146	57.9	11,739	55.9	413	11,326	406	3.3	8,845
55 to 59 years	11,183	7,658	68.5	7,406	66.2	231	7,175	252	3.3	3,525
60 to 64 years	9,807	4,488	45.8	4,333	44.2	182	4,151	155	3.4	5,320
65 years and over	31,751	3,828	12.1	3,690	11.6	346	3,344	139	3.6	27,923
65 to 69 years	9,683	2,124	21.9	2,039	21.1	160	1,879	85	4.0	7,559
70 to 74 years	8,561	1,070	12.5	1,037	12.1	117	920	33	3.1	7,491
75 years and over	13,507	634	4.7	614	4.5	69	545	21	3.3	12,873
Men										
16 years and over	96,206	72,087	74.9	68,207	70.9	2,573	65,634	3,880	5.4	24,119
16 to 19 years	7,600	4,043	53.2	3,310	43.6	217	3,093	733	18.1	3,557
16 to 17 years	3,955	1,665	42.1	1,318	33.3	108	1,210	347	20.8	2,290
18 to 19 years	3,645	2,378	65.3	1,992	54.7	109	1,883	387	16.3	1,266
20 to 24 years	8,611	7,104	82.5	6,429	74.7	235	6,194	675	9.5	1,507
25 to 54 years	56,671	51,999	91.8	49,827	87.9	1,560	48,266	2,172	4.2	4,672
25 to 34 years	19,775	18,430	93.2	17,527	88.6	584	16,943	903	4.9	1,345
25 to 29 years	9,344	8,684	92.9	8,198	87.7	273	7,924	486	5.6	661
30 to 34 years	10,431	9,747	93.4	9,330	89.4	311	9,019	417	4.3	684
35 to 44 years	21,222	19,602	92.4	18,816	88.7	573	18,243	786	4.0	1,620
35 to 39 years	11,007	10,208	92.7	9,781	88.9	290	9,491	427	4.2	799
40 to 44 years	10,215	9,394	92.0	9,035	88.5	284	8,752	359	3.8	821
45 to 54 years	15,674	13,967	89.1	13,483	86.0	403	13,080	484	3.5	1,707
45 to 49 years	8,951	8,124	90.8	7,838	87.6	240	7,598	286	3.5	827
50 to 54 years	6,724	5,843	86.9	5,645	84.0	162	5,483	198	3.4	881
55 to 64 years	9,997	6,693	67.0	6,470	64.7	290	6,180	223	3.3	3,304
55 to 59 years	5,373	4,184	77.9	4,048	75.3	164	3,884	136	3.2	1,190
60 to 64 years	4,624	2,510	54.3	2,422	52.4	125	2,297	88	3.5	2,114
65 years and over	13,327	2,247	16.9	2,172	16.3	271	1,901	76	3.4	11,080
65 to 69 years	4,454	1,226	27.5	1,179	26.5	124	1,054	47	3.8	3,229
70 to 74 years	3,739	647	17.3	628	16.8	94	535	18	2.9	3,092
75 years and over	5,134	375	7.3	364	7.1	53	312	10	2.8	4,759
Women										
16 years and over	104,385	61,857	59.3	58,501	56.0	871	57,630	3,356	5.4	42,528
16 to 19 years	7,335	3,763	51.3	3,190	43.5	44	3,146	573	15.2	3,572
16 to 17 years	3,723	1,599	42.9	1,328	35.7	21	1,307	270	16.9	2,124
18 to 19 years	3,612	2,164	59.9	1,862	51.5	23	1,838	303	14.0	1,447
20 to 24 years	8,798	6,273	71.3	5,709	64.9	63	5,646	564	9.0	2,525
25 to 54 years	58,835	44,787	76.1	42,814	72.8	565	42,249	1,973	4.4	14,048
25 to 34 years	20,477	15,403	75.2	14,549	71.0	167	14,382	854	5.5	5,074
25 to 29 years	9,710	7,362	75.8	6,923	71.3	71	6,853	439	6.0	2,347
30 to 34 years	10,768	8,041	74.7	7,626	70.8	96	7,530	415	5.2	2,727
35 to 44 years	21,865	16,954	77.5	16,235	74.3	224	16,010	720	4.2	4,910
35 to 39 years	11,350	8,688	76.5	8,280	73.0	115	8,166	407	4.7	2,662
40 to 44 years	10,515	8,267	78.6	7,954	75.7	110	7,845	312	3.8	2,248
45 to 54 years	16,493	12,430	75.4	12,031	72.9	174	11,857	399	3.2	4,063
45 to 49 years	9,377	7,317	78.0	7,089	75.6	92	6,997	228	3.1	2,060
50 to 54 years	7,116	5,113	71.9	4,941	69.4	82	4,859	172	3.4	2,003
55 to 64 years	10,993	5,452	49.6	5,269	47.9	123	5,146	183	3.4	5,541
55 to 59 years	5,810	3,474	59.8	3,358	57.8	66	3,292	116	3.3	2,335
60 to 64 years	5,184	1,978	38.2	1,911	36.9	57	1,854	67	3.4	3,206
65 years and over	18,424	1,581	8.6	1,518	8.2	75	1,443	63	4.0	16,843
65 to 69 years	5,229	898	17.2	860	16.4	35	824	38	4.3	4,331
70 to 74 years	4,821	423	8.8	409	8.5	23	385	15	3.4	4,398
75 years and over	8,374	260	3.1	249	3.0	17	233	10	4.0	8,114

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

(Numbers in thousands)

Age, sex, and race	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	
WHITE										
16 years and over	168,317	113,108	67.2	107,808	64.1	3,276	104,532	5,300	4.7	55,209
16 to 19 years	11,822	6,607	55.9	5,667	47.9	254	5,413	939	14.2	5,215
16 to 17 years	6,026	2,780	46.1	2,325	38.6	126	2,198	456	16.4	3,246
18 to 19 years	5,796	3,826	66.0	3,343	57.7	128	3,215	484	12.6	1,970
20 to 24 years	13,907	11,003	79.1	10,149	73.0	284	9,865	854	7.8	2,903
25 to 54 years	96,065	81,364	84.7	78,315	81.5	2,009	76,306	3,049	3.7	14,701
25 to 34 years	32,852	27,901	84.9	26,678	81.2	718	25,960	1,223	4.4	4,951
25 to 29 years	15,466	13,189	85.3	12,548	81.1	327	12,221	641	4.9	2,277
30 to 34 years	17,386	14,712	84.6	14,130	81.3	391	13,739	582	4.0	2,674
35 to 44 years	35,810	30,683	85.7	29,566	82.6	751	28,815	1,117	3.6	5,127
35 to 39 years	18,515	15,793	85.3	15,189	82.0	382	14,807	603	3.8	2,723
40 to 44 years	17,295	14,890	86.1	14,377	83.1	369	14,008	513	3.4	2,405
45 to 54 years	27,403	22,781	83.1	22,071	80.5	540	21,532	709	3.1	4,622
45 to 49 years	15,512	13,228	85.3	12,819	82.6	313	12,506	409	3.1	2,284
50 to 54 years	11,891	9,553	80.3	9,252	77.8	226	9,025	301	3.1	2,338
55 to 64 years	18,136	10,648	58.7	10,313	56.9	394	9,919	336	3.2	7,487
55 to 59 years	9,622	6,680	69.4	6,474	67.3	219	6,255	206	3.1	2,942
60 to 64 years	8,514	3,968	46.6	3,839	45.1	175	3,664	130	3.3	4,545
65 years and over	28,387	3,485	12.3	3,364	11.8	335	3,029	122	3.5	24,902
65 to 69 years	8,502	1,926	22.7	1,851	21.8	156	1,695	75	3.9	6,575
70 to 74 years	7,643	975	12.8	947	12.4	113	834	28	2.9	6,669
75 years and over	12,242	584	4.8	566	4.6	66	500	19	3.2	11,657
Men										
16 years and over	81,489	61,783	75.8	58,888	72.3	2,436	56,452	2,896	4.7	19,706
16 to 19 years	6,035	3,444	57.1	2,911	48.2	212	2,699	532	15.5	2,591
16 to 17 years	3,099	1,421	45.8	1,161	37.5	106	1,055	260	18.3	1,679
18 to 19 years	2,936	2,023	68.9	1,750	59.6	106	1,645	273	13.5	913
20 to 24 years	6,971	5,922	85.0	5,444	78.1	224	5,219	478	8.1	1,049
25 to 54 years	47,781	44,421	93.0	42,780	89.6	1,463	41,327	1,630	3.7	3,360
25 to 34 years	16,395	15,475	94.4	14,820	90.4	556	14,264	655	4.2	920
25 to 29 years	7,707	7,257	94.2	6,904	89.6	259	6,645	353	4.9	450
30 to 34 years	8,688	8,218	94.6	7,916	91.1	298	7,618	302	3.7	470
35 to 44 years	17,868	16,728	93.6	16,136	90.3	536	15,601	592	3.5	1,139
35 to 39 years	9,252	8,697	94.0	8,378	90.6	271	8,107	319	3.7	556
40 to 44 years	8,615	8,031	93.2	7,758	90.1	265	7,494	273	3.4	584
45 to 54 years	13,518	12,217	90.4	11,834	87.5	372	11,462	383	3.1	1,301
45 to 49 years	7,686	7,066	91.9	6,842	89.0	223	6,619	224	3.2	620
50 to 54 years	5,832	5,151	88.3	4,992	85.6	148	4,843	160	3.1	681
55 to 64 years	8,734	5,943	68.0	5,755	65.9	274	5,481	188	3.2	2,791
55 to 59 years	4,669	3,698	79.2	3,589	76.9	155	3,434	109	2.9	971
60 to 64 years	4,065	2,245	55.2	2,166	53.3	119	2,047	79	3.5	1,820
65 years and over	11,968	2,054	17.2	1,987	16.6	262	1,725	67	3.2	9,913
65 to 69 years	3,916	1,113	28.4	1,072	27.4	121	951	41	3.7	2,803
70 to 74 years	3,362	592	17.6	576	17.1	91	485	16	2.6	2,770
75 years and over	4,690	349	7.4	340	7.2	50	289	10	2.8	4,341
Women										
16 years and over	86,828	51,325	59.1	48,920	56.3	840	48,080	2,404	4.7	35,503
16 to 19 years	5,787	3,163	54.7	2,756	47.6	42	2,714	407	12.9	2,624
16 to 17 years	2,927	1,360	46.4	1,164	39.8	20	1,144	196	14.4	1,567
18 to 19 years	2,860	1,803	63.1	1,592	55.7	22	1,570	211	11.7	1,057
20 to 24 years	6,936	5,081	73.3	4,705	67.8	60	4,645	376	7.4	1,854
25 to 54 years	48,284	36,944	76.5	35,525	73.6	546	34,979	1,419	3.8	11,341
25 to 34 years	16,457	12,426	75.5	11,858	72.1	162	11,696	568	4.6	4,032
25 to 29 years	7,759	5,932	76.5	5,644	72.7	68	5,576	288	4.9	1,827
30 to 34 years	8,698	6,493	74.7	6,214	71.4	94	6,120	279	4.3	2,205
35 to 44 years	17,943	13,955	77.8	13,430	74.8	216	13,214	525	3.8	3,988
35 to 39 years	9,263	7,096	76.6	6,811	73.5	111	6,700	285	4.0	2,167
40 to 44 years	8,680	6,859	79.0	6,619	76.3	104	6,514	240	3.5	1,821
45 to 54 years	13,884	10,563	76.1	10,237	73.7	168	10,069	326	3.1	3,321
45 to 49 years	7,826	6,162	78.7	5,977	76.4	90	5,887	185	3.0	1,664
50 to 54 years	6,058	4,401	72.6	4,260	70.3	78	4,182	141	3.2	1,657
55 to 64 years	9,402	4,706	50.1	4,558	48.5	120	4,438	148	3.1	4,696
55 to 59 years	4,953	2,982	60.2	2,885	58.3	64	2,821	97	3.2	1,971
60 to 64 years	4,449	1,724	38.7	1,672	37.6	56	1,617	51	3.0	2,725
65 years and over	16,419	1,431	8.7	1,376	8.4	73	1,304	55	3.8	14,988
65 to 69 years	4,586	813	17.7	780	17.0	35	744	34	4.1	3,773
70 to 74 years	4,281	383	8.9	370	8.7	22	349	12	3.3	3,898
75 years and over	7,552	235	3.1	226	3.0	16	210	9	3.8	7,317

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

(Numbers in thousands)

Age, sex, and race	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		
BLACK										
16 years and over	23,604	15,134	64.1	13,542	57.4	98	13,444	1,592	10.5	8,470
16 to 19 years	2,356	923	39.2	613	26.0	3	611	310	33.6	1,434
16 to 17 years	1,238	366	29.6	233	18.8	1	232	133	36.3	872
18 to 19 years	1,118	556	49.8	380	34.0	2	378	177	31.7	562
20 to 24 years	2,519	1,738	69.0	1,411	56.0	9	1,402	327	18.8	781
25 to 54 years	14,009	11,146	79.6	10,251	73.2	71	10,181	894	8.0	2,864
25 to 34 years	5,311	4,305	81.1	3,851	72.5	21	3,831	454	10.5	1,005
25 to 29 years	2,556	2,065	80.8	1,822	71.3	11	1,811	243	11.8	492
30 to 34 years	2,754	2,241	81.4	2,030	73.7	10	2,020	211	9.4	514
35 to 44 years	5,290	4,287	81.0	3,974	75.1	29	3,945	313	7.3	1,003
35 to 39 years	2,805	2,289	81.6	2,101	74.9	15	2,086	187	8.2	516
40 to 44 years	2,485	1,999	80.4	1,873	75.4	13	1,859	126	6.3	487
45 to 54 years	3,408	2,553	74.9	2,426	71.2	21	2,404	127	5.0	855
45 to 49 years	2,018	1,578	78.2	1,500	74.3	12	1,488	78	5.0	440
50 to 54 years	1,390	975	70.1	926	66.6	9	917	49	5.0	415
55 to 64 years	2,110	1,073	50.9	1,025	48.6	10	1,015	48	4.4	1,037
55 to 59 years	1,140	706	61.9	675	59.2	6	669	31	4.4	434
60 to 64 years	970	367	37.9	350	36.1	4	347	17	4.5	603
65 years and over	2,609	255	9.8	241	9.2	6	235	13	5.3	2,355
65 to 69 years	914	147	16.0	139	15.3	3	137	7	4.9	767
70 to 74 years	686	71	10.3	66	9.7	2	65	4	6.1	615
75 years and over	1,009	37	3.7	35	3.5	2	34	2	5.4	972
Men										
16 years and over	10,575	7,264	68.7	6,456	61.1	86	6,371	808	11.1	3,311
16 to 19 years	1,161	458	39.5	289	24.9	2	287	169	36.9	703
16 to 17 years	623	182	29.2	109	17.6	1	109	73	39.9	441
18 to 19 years	538	276	51.3	180	33.4	1	178	96	34.9	262
20 to 24 years	1,154	848	73.4	685	59.3	7	677	163	19.2	307
25 to 54 years	6,320	5,317	84.1	4,875	77.1	62	4,813	443	8.3	1,003
25 to 34 years	2,373	2,077	87.5	1,867	78.7	18	1,850	210	10.1	296
25 to 29 years	1,132	999	88.2	886	78.2	9	876	114	11.4	133
30 to 34 years	1,241	1,078	86.9	982	79.1	8	974	96	8.9	163
35 to 44 years	2,413	2,036	84.4	1,878	77.8	26	1,853	158	7.8	377
35 to 39 years	1,279	1,088	85.0	1,001	78.3	14	987	87	8.0	191
40 to 44 years	1,133	948	83.6	877	77.4	11	866	71	7.5	185
45 to 54 years	1,534	1,204	78.5	1,129	73.6	19	1,110	75	6.3	330
45 to 49 years	915	749	81.9	701	76.5	11	690	49	6.5	166
50 to 54 years	619	455	73.5	428	69.2	26	421	27	5.9	164
55 to 64 years	914	509	55.6	482	52.7	10	472	26	5.2	406
55 to 59 years	499	331	66.4	311	62.5	6	305	20	6.0	167
60 to 64 years	416	177	42.7	171	41.1	3	167	7	3.7	238
65 years and over	1,025	132	12.9	126	12.3	4	121	7	5.0	893
65 to 69 years	411	78	18.9	74	17.9	3	71	4	4.8	334
70 to 74 years	277	39	14.2	37	13.4	1	36	2	5.8	238
75 years and over	337	16	4.6	15	4.5	1	14	1	(¹)	322
Women										
16 years and over	13,029	7,869	60.4	7,086	54.4	13	7,073	784	10.0	5,159
16 to 19 years	1,195	464	38.9	324	27.1	-	324	141	30.3	731
16 to 17 years	615	184	29.9	124	20.1	-	124	60	32.8	431
18 to 19 years	580	280	48.3	200	34.5	-	200	80	28.6	300
20 to 24 years	1,364	890	65.2	726	53.2	2	725	164	18.4	475
25 to 54 years	7,689	5,828	75.8	5,377	69.9	9	5,368	451	7.7	1,861
25 to 34 years	2,938	2,228	75.9	1,984	67.5	3	1,981	244	11.0	709
25 to 29 years	1,424	1,065	74.8	936	65.7	1	935	130	12.2	358
30 to 34 years	1,514	1,163	76.8	1,048	69.2	2	1,046	115	9.9	351
35 to 44 years	2,877	2,251	78.2	2,096	72.8	3	2,093	155	6.9	626
35 to 39 years	1,526	1,201	78.7	1,100	72.1	1	1,099	101	8.4	325
40 to 44 years	1,352	1,051	77.7	996	73.7	2	994	55	5.2	301
45 to 54 years	1,874	1,349	72.0	1,297	69.2	3	1,294	52	3.8	525
45 to 49 years	1,103	829	75.2	799	72.5	1	798	30	3.6	274
50 to 54 years	771	520	67.4	498	64.6	2	496	22	4.3	251
55 to 64 years	1,196	565	47.2	543	45.4	1	543	21	3.8	631
55 to 59 years	641	375	58.4	364	56.7	-	364	11	3.0	267
60 to 64 years	555	190	34.3	180	32.4	1	179	10	5.3	365
65 years and over	1,584	122	7.7	115	7.3	1	114	7	5.6	1,462
65 to 69 years	503	69	13.7	66	13.1	-	66	3	4.9	434
70 to 74 years	409	32	7.7	30	7.2	1	29	2	(¹)	378
75 years and over	672	22	3.2	20	3.0	1	19	1	(¹)	650

¹ Data not shown where base is less than 35,000.

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

(Numbers in thousands)

Age and sex	1996									
	Civilian noninsti- tutional population	Civilian labor force								
		Total	Percent of population	Employed				Unemployed		Not in labor force
				Total	Percent of population	Agri- culture	Nonagri- cultural industries	Number	Percent of labor force	
TOTAL										
16 years and over	19,213	12,774	66.5	11,642	60.6	609	11,033	1,132	8.9	6,439
16 to 19 years	1,948	845	43.4	646	33.1	29	617	199	23.6	1,103
16 to 17 years	962	284	29.5	199	20.7	10	188	85	30.0	678
18 to 19 years	986	561	56.9	447	45.3	19	428	114	20.3	425
20 to 24 years	2,524	1,845	73.1	1,628	64.5	87	1,541	217	11.8	679
25 years and over	14,741	10,084	68.4	9,368	63.6	493	8,875	716	7.1	4,658
25 to 54 years	11,683	9,111	78.0	8,468	72.5	443	8,024	643	7.1	2,572
25 to 34 years	5,181	4,054	78.2	3,758	72.5	209	3,549	296	7.3	1,128
35 to 44 years	4,227	3,361	79.5	3,115	73.7	153	2,962	246	7.3	866
45 to 54 years	2,275	1,697	74.6	1,595	70.1	82	1,514	101	6.0	579
55 years and over	3,058	973	31.8	900	29.4	49	851	72	7.4	2,085
55 to 64 years	1,546	806	52.2	748	48.4	41	707	59	7.3	739
65 years and over	1,512	166	11.0	152	10.1	9	144	14	8.2	1,346
Men										
16 years and over	9,604	7,646	79.6	7,039	73.3	537	6,502	607	7.9	1,957
16 to 19 years	992	496	50.0	384	38.8	27	358	112	22.5	496
16 to 17 years	485	156	32.2	107	22.1	10	97	49	31.5	329
18 to 19 years	507	340	67.1	277	54.7	17	261	63	18.4	167
20 to 24 years	1,321	1,132	85.7	1,015	76.9	80	935	117	10.3	189
25 years and over	7,290	6,018	82.5	5,640	77.4	430	5,209	378	6.3	1,273
25 to 54 years	5,948	5,444	91.5	5,105	85.8	386	4,719	338	6.2	505
25 to 34 years	2,692	2,510	93.2	2,345	87.1	190	2,155	165	6.6	182
35 to 44 years	2,144	1,966	91.7	1,842	85.9	126	1,715	124	6.3	178
45 to 54 years	1,111	967	87.0	918	82.6	83	849	49	5.1	144
55 years and over	1,342	574	42.8	534	39.8	44	490	40	7.0	768
55 to 64 years	712	469	65.9	438	61.5	36	402	31	6.7	243
65 years and over	630	210	16.7	96	15.3	8	88	9	8.3	1,050
Women										
16 years and over	9,610	5,128	53.4	4,602	47.9	72	4,531	525	10.2	4,482
16 to 19 years	956	349	36.5	261	27.3	2	259	88	25.1	607
16 to 17 years	477	128	26.8	92	19.2	1	91	36	28.2	349
18 to 19 years	479	221	46.1	169	35.4	2	168	52	23.3	258
20 to 24 years	1,203	713	59.2	612	50.9	7	606	100	14.1	490
25 years and over	7,451	4,066	54.6	3,729	50.0	63	3,666	337	8.3	3,385
25 to 54 years	5,735	3,668	64.0	3,362	58.6	57	3,305	305	8.3	2,067
25 to 34 years	2,489	1,544	62.0	1,412	56.8	57	1,394	131	8.5	945
35 to 44 years	2,082	1,395	67.0	1,273	61.1	27	1,246	122	8.7	687
45 to 54 years	1,164	729	62.7	677	58.2	58	12	52	7.2	435
55 years and over	1,716	398	23.2	366	21.3	5	361	32	8.1	1,317
55 to 64 years	834	338	40.5	310	37.2	5	305	27	8.1	496
65 years and over	882	122	6.9	56	6.4	1	55	5	8.0	821

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Employment status, sex, and age	Total		White		Black		Hispanic origin	
	1995	1996	1995	1996	1995	1996	1995	1996
TOTAL								
Civilian noninstitutional population	198,584	200,591	166,914	168,317	23,246	23,604	18,629	19,213
Civilian labor force	132,304	133,943	111,950	113,108	14,817	15,134	12,267	12,774
Percent of population	66.6	66.8	67.1	67.2	63.7	64.1	65.8	66.5
Employed	124,900	126,708	106,490	107,808	13,279	13,542	11,127	11,642
Agriculture	3,440	3,443	3,194	3,276	101	98	604	609
Nonagricultural industries	121,460	123,264	103,296	104,532	13,178	13,444	10,524	11,033
Unemployed	7,404	7,236	5,459	5,300	1,538	1,592	1,140	1,132
Unemployment rate	5.6	5.4	4.9	4.7	10.4	10.5	9.3	8.9
Not in labor force	66,280	66,647	54,965	55,209	8,429	8,470	6,362	6,439
Men, 16 years and over								
Civilian noninstitutional population	95,178	96,206	80,733	81,489	10,411	10,575	9,329	9,604
Civilian labor force	71,360	72,087	61,146	61,783	7,183	7,264	7,376	7,646
Percent of population	75.0	74.9	75.7	75.8	69.0	68.7	79.1	79.6
Employed	67,377	68,207	58,146	58,888	6,422	6,456	6,725	7,039
Agriculture	2,559	2,573	2,347	2,436	93	86	527	537
Nonagricultural industries	64,818	65,634	55,800	56,452	6,329	6,371	6,198	6,502
Unemployed	3,983	3,880	2,999	2,896	762	808	651	607
Unemployment rate	5.6	5.4	4.9	4.7	10.6	11.1	8.8	7.9
Not in labor force	23,818	24,119	19,587	19,706	3,228	3,311	1,952	1,957
Men, 20 years and over								
Civilian noninstitutional population	87,811	88,606	74,879	75,454	9,280	9,414	8,375	8,611
Civilian labor force	67,324	68,044	57,719	58,340	6,730	6,806	6,898	7,150
Percent of population	76.7	76.8	77.1	77.3	72.5	72.3	82.4	83.0
Employed	64,085	64,897	55,254	55,977	6,137	6,167	6,367	6,655
Agriculture	2,335	2,356	2,132	2,224	89	83	501	510
Nonagricultural industries	61,750	62,541	53,122	53,753	6,048	6,084	5,866	6,145
Unemployed	3,239	3,146	2,465	2,363	593	639	530	495
Unemployment rate	4.8	4.6	4.3	4.1	8.8	9.4	7.7	6.9
Not in labor force	20,487	20,563	17,161	17,114	2,550	2,608	1,477	1,461
Women, 16 years and over								
Civilian noninstitutional population	103,406	104,385	86,181	86,828	12,835	13,029	9,300	9,610
Civilian labor force	80,944	81,857	50,804	51,325	7,634	7,869	4,891	5,128
Percent of population	58.9	59.3	59.0	59.1	59.5	60.4	52.6	53.4
Employed	57,523	58,501	48,344	48,920	6,857	7,086	4,403	4,602
Agriculture	881	871	847	840	8	13	76	72
Nonagricultural industries	56,642	57,630	47,497	48,080	6,849	7,073	4,326	4,531
Unemployed	3,421	3,356	2,460	2,404	777	784	488	525
Unemployment rate	5.6	5.4	4.8	4.7	10.2	10.0	10.0	10.2
Not in labor force	42,462	42,528	35,377	35,503	5,201	5,159	4,409	4,482
Women, 20 years and over								
Civilian noninstitutional population	96,262	97,050	80,567	81,041	11,682	11,833	8,382	8,654
Civilian labor force	57,215	58,094	47,686	48,162	7,175	7,405	4,520	4,779
Percent of population	59.4	59.9	59.2	59.4	61.4	62.6	53.9	55.2
Employed	54,396	55,311	45,643	46,164	6,556	6,762	4,116	4,341
Agriculture	830	827	799	798	7	12	72	69
Nonagricultural industries	53,566	54,484	44,844	45,366	6,548	6,749	4,044	4,272
Unemployed	2,819	2,783	2,042	1,998	620	643	404	438
Unemployment rate	4.9	4.8	4.3	4.1	8.6	8.7	8.9	9.2
Not in labor force	39,047	38,956	32,881	32,879	4,507	4,428	3,863	3,875
Both sexes, 16 to 19 years								
Civilian noninstitutional population	14,511	14,934	11,468	11,822	2,284	2,356	1,872	1,948
Civilian labor force	7,765	7,806	6,545	6,607	911	923	850	845
Percent of population	53.5	52.3	57.1	55.9	39.9	39.2	45.4	43.4
Employed	6,419	6,500	5,593	5,667	586	613	645	646
Agriculture	275	261	262	254	5	3	31	29
Nonagricultural industries	6,144	6,239	5,331	5,413	581	611	614	617
Unemployed	1,346	1,306	952	939	325	310	205	199
Unemployment rate	17.3	16.7	14.5	14.2	35.7	33.6	24.1	23.6
Not in labor force	6,746	7,128	4,923	5,215	1,372	1,434	1,022	1,103

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

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

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

(Numbers in thousands)

Employment status, sex, and age	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	1995	1996	1995	1996	1995	1996	1995	1996
TOTAL								
Civilian noninstitutional population	18,629	19,213	11,609	11,762	1,896	2,017	1,019	991
Civilian labor force	12,267	12,774	7,765	7,943	1,098	1,170	613	637
Percent of population	65.8	66.5	66.9	67.5	57.9	58.0	60.2	64.3
Employed	11,127	11,642	7,016	7,209	974	1,057	568	591
Agriculture	604	609	539	542	10	9	7	4
Nonagricultural industries	10,524	11,033	6,477	6,667	965	1,049	561	587
Unemployed	1,140	1,132	750	734	123	112	45	46
Unemployment rate	9.3	8.9	9.7	9.2	11.2	9.6	7.4	7.2
Not in labor force	6,362	6,439	3,844	3,819	798	848	406	354
Men, 16 years and over								
Civilian noninstitutional population	9,329	9,604	6,009	6,057	857	925	502	506
Civilian labor force	7,376	7,646	4,862	4,932	605	640	350	378
Percent of population	79.1	79.6	80.9	81.4	70.6	69.2	69.9	74.8
Employed	6,725	7,039	4,427	4,530	535	585	324	354
Agriculture	527	537	471	477	9	8	6	4
Nonagricultural industries	6,198	6,502	3,956	4,053	527	577	317	350
Unemployed	651	607	436	402	69	55	27	24
Unemployment rate	8.8	7.9	9.0	8.2	11.4	8.6	7.6	6.4
Not in labor force	1,952	1,957	1,147	1,125	252	285	151	128
Men, 20 years and over								
Civilian noninstitutional population	8,375	8,611	5,371	5,421	759	809	478	484
Civilian labor force	6,898	7,150	4,532	4,590	561	595	338	366
Percent of population	82.4	83.0	84.4	84.7	73.9	73.6	70.6	75.6
Employed	6,367	6,655	4,175	4,267	510	554	315	343
Agriculture	501	510	449	453	8	8	5	3
Nonagricultural industries	5,866	6,145	3,727	3,814	502	546	309	339
Unemployed	530	495	356	323	51	42	23	23
Unemployment rate	7.7	6.9	7.9	7.0	9.1	7.0	6.8	6.3
Not in labor force	1,477	1,461	840	831	198	214	140	118
Women, 16 years and over								
Civilian noninstitutional population	9,300	9,610	5,599	5,704	1,039	1,093	518	485
Civilian labor force	4,891	5,128	2,903	3,011	493	529	263	259
Percent of population	52.6	53.4	51.8	52.8	47.4	48.5	50.8	53.3
Employed	4,403	4,602	2,589	2,680	439	472	244	237
Agriculture	76	72	68	65	1	1	1	1
Nonagricultural industries	4,326	4,531	2,521	2,615	438	472	244	237
Unemployed	488	525	314	331	54	57	18	22
Unemployment rate	10.0	10.2	10.8	11.0	11.0	10.8	7.0	8.3
Not in labor force	4,409	4,482	2,697	2,693	546	563	255	226
Women, 20 years and over								
Civilian noninstitutional population	8,382	8,654	5,006	5,085	938	981	486	460
Civilian labor force	4,520	4,779	2,660	2,775	455	493	250	250
Percent of population	53.9	55.2	53.1	54.6	48.5	50.3	51.4	54.2
Employed	4,116	4,341	2,404	2,506	414	444	233	230
Agriculture	72	69	63	63	1	1	1	1
Nonagricultural industries	4,044	4,272	2,340	2,443	413	444	233	230
Unemployed	404	438	256	270	41	49	16	19
Unemployment rate	8.9	9.2	9.6	9.7	8.9	10.0	6.5	7.7
Not in labor force	3,863	3,875	2,346	2,310	483	487	236	211
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,872	1,948	1,232	1,255	200	228	56	47
Civilian labor force	850	845	574	578	82	81	26	21
Percent of population	45.4	43.4	46.6	46.0	41.1	35.4	46.8	46.1
Employed	645	646	437	437	50	60	20	18
Agriculture	31	29	27	27	1	-	1	-
Nonagricultural industries	614	617	409	410	50	60	19	18
Unemployed	205	199	137	141	32	21	6	3
Unemployment rate	24.1	23.6	23.9	24.4	38.6	26.3	(²)	(²)
Not in labor force	1,022	1,103	658	678	117	147	30	25

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

² Data not shown where base is less than 35,000.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

7. 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	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	
TOTAL ENROLLED										
Total, 16 to 24 years	14,904	7,286	48.9	6,448	1,362	5,085	838	220	618	11.5
16 to 19 years	10,024	4,350	43.4	3,711	406	3,305	639	125	514	14.7
20 to 24 years	4,880	2,936	60.2	2,737	956	1,781	200	96	104	6.8
High school	7,687	3,087	40.2	2,559	183	2,376	528	98	430	17.1
College	7,217	4,199	58.2	3,889	1,179	2,710	310	122	188	7.4
Full-time students	5,999	3,169	52.8	2,930	598	2,332	239	79	159	7.5
Part-time students	1,217	1,031	84.7	959	582	377	72	43	29	6.9
Men, 16 to 24 years	7,442	3,540	47.6	3,082	722	2,359	459	125	333	13.0
16 to 19 years	5,102	2,154	42.2	1,794	224	1,570	359	75	284	16.7
20 to 24 years	2,340	1,387	59.3	1,287	498	789	100	50	49	7.2
High school	4,063	1,608	39.6	1,303	110	1,193	304	61	243	18.9
College	3,379	1,933	57.2	1,778	612	1,166	155	64	90	8.0
Full-time students	2,835	1,455	51.3	1,339	328	1,011	116	40	76	8.0
Part-time students	544	477	87.7	439	285	154	38	24	14	8.0
Women, 16 to 24 years	7,462	3,746	50.2	3,366	640	2,726	380	95	285	10.1
16 to 19 years	4,922	2,196	44.6	1,917	182	1,734	280	49	230	12.7
20 to 24 years	2,540	1,550	61.0	1,450	458	992	100	46	54	6.5
High school	3,624	1,479	40.8	1,255	73	1,182	224	37	187	15.1
College	3,837	2,266	59.1	2,111	567	1,544	156	58	98	6.9
Full-time students	3,164	1,713	54.1	1,591	270	1,321	122	39	83	7.1
Part-time students	673	553	82.2	520	297	223	33	19	15	6.0
White										
Total, 16 to 24 years	11,708	6,164	52.6	5,546	1,151	4,394	618	151	468	10.0
16 to 19 years	7,888	3,730	47.3	3,248	360	2,888	482	88	394	12.9
20 to 24 years	3,820	2,434	63.7	2,298	791	1,506	136	62	74	5.6
Men	5,868	3,015	51.4	2,669	615	2,054	345	89	257	11.5
Women	5,840	3,149	53.9	2,877	536	2,341	273	62	211	8.7
High school	5,960	2,628	44.1	2,234	157	2,077	394	68	326	15.0
College	5,748	3,536	61.5	3,312	995	2,317	224	82	142	6.3
Full-time students	4,768	2,689	56.4	2,518	509	2,009	171	52	119	6.4
Part-time students	980	847	86.5	794	486	308	53	30	23	6.3
Black										
Total, 16 to 24 years	2,209	764	34.6	589	143	446	175	59	116	22.9
16 to 19 years	1,576	459	29.1	331	36	296	127	33	94	27.7
20 to 24 years	633	305	48.2	257	107	150	48	26	22	15.6
Men	1,058	350	33.1	262	69	193	88	30	58	25.1
Women	1,151	413	35.9	327	74	253	87	30	57	21.0
High school	1,324	356	26.9	245	21	224	111	28	84	31.3
College	885	407	46.0	344	122	222	63	32	32	15.6
Full-time students	734	290	39.6	242	62	180	49	21	28	16.7
Part-time students	152	117	77.3	102	60	42	15	11	4	12.7
Hispanic origin										
Total, 16 to 24 years	1,644	653	39.7	531	149	382	122	41	81	18.7
16 to 19 years	1,184	371	31.3	280	46	234	90	23	67	24.4
20 to 24 years	460	282	61.4	251	103	148	31	18	14	11.2
Men	822	339	41.2	277	86	191	62	20	42	18.3
Women	822	314	38.2	254	63	191	60	20	39	19.0
High school	1,034	284	27.4	206	35	171	78	20	58	27.4
College	609	369	60.5	325	114	211	44	21	23	11.9
Full-time students	446	234	52.6	205	45	160	29	11	18	12.3
Part-time students	164	134	82.1	119	69	50	15	10	5	11.2

See footnotes at end of table.

7. 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	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			
TOTAL NOT ENROLLED										
Total, 16 to 24 years	17,439	13,897	79.7	12,190	9,524	2,666	1,707	1,475	232	12.3
16 to 19 years	4,910	3,456	70.4	2,789	1,635	1,154	668	521	146	19.3
20 to 24 years	12,529	10,440	83.3	9,401	7,889	1,512	1,039	954	86	10.0
Less than a high school diploma	5,021	3,156	62.9	2,458	1,593	866	697	563	134	22.1
High school graduates, no college	6,681	5,570	83.4	4,895	3,939	956	674	620	54	12.1
Less than a bachelor's degree	4,253	3,767	88.6	3,507	2,796	712	260	222	37	6.9
College graduates	1,483	1,404	94.7	1,329	1,196	132	76	70	6	5.4
Men, 16 to 24 years	8,768	7,606	86.7	6,657	5,570	1,087	949	849	100	12.5
16 to 19 years	2,497	1,889	75.7	1,516	995	521	374	302	72	19.8
20 to 24 years	6,271	5,717	91.2	5,142	4,575	566	575	547	28	10.1
Less than a high school diploma	2,638	1,980	75.1	1,578	1,160	418	403	339	64	20.3
High school graduates, no college	3,461	3,142	90.8	2,766	2,403	364	376	358	18	12.0
Less than a bachelor's degree	2,043	1,887	92.4	1,753	1,488	266	134	117	17	7.1
College graduates	626	597	95.4	560	520	40	37	36	1	6.2
Women, 16 to 24 years	8,671	6,290	72.5	5,533	3,954	1,579	758	626	132	12.0
16 to 19 years	2,413	1,567	64.9	1,273	640	633	294	220	74	18.7
20 to 24 years	6,258	4,723	75.5	4,259	3,314	945	464	407	57	9.8
Less than a high school diploma	2,383	1,176	49.3	881	433	448	295	224	70	25.1
High school graduates, no college	3,220	2,428	75.4	2,129	1,536	593	299	262	36	12.3
Less than a bachelor's degree	2,211	1,880	85.0	1,754	1,308	446	126	105	20	6.7
College graduates	857	807	94.1	769	677	92	38	34	5	4.8
White										
Total, 16 to 24 years	14,021	11,446	81.6	10,271	8,037	2,233	1,175	1,004	172	10.3
16 to 19 years	3,934	2,876	73.1	2,419	1,431	988	457	349	108	15.9
20 to 24 years	10,087	8,570	85.0	7,851	6,606	1,245	718	655	64	8.4
Men	7,138	6,351	89.0	5,686	4,780	906	665	591	75	10.5
Women	6,883	5,095	74.0	4,585	3,257	1,327	510	413	97	10.0
Less than a high school diploma	3,957	2,596	65.6	2,116	1,380	737	479	384	95	18.5
High school graduates, no college	5,299	4,503	85.0	4,056	3,268	788	447	405	42	9.9
Less than a bachelor's degree	3,485	3,128	89.7	2,943	2,350	593	185	156	29	5.9
College graduates	1,279	1,219	95.3	1,155	1,040	116	64	59	5	5.3
Black										
Total, 16 to 24 years	2,666	1,897	71.1	1,435	1,105	330	461	412	49	24.3
16 to 19 years	780	464	59.5	282	157	124	182	151	31	39.3
20 to 24 years	1,886	1,433	76.0	1,154	948	206	279	261	18	19.5
Men	1,257	956	76.0	712	575	136	244	223	21	25.5
Women	1,409	941	66.8	724	530	194	217	189	28	23.1
Less than a high school diploma	858	444	51.8	253	153	101	191	159	32	43.0
High school graduates, no college	1,133	875	77.2	674	539	135	201	191	10	23.0
Less than a bachelor's degree	574	483	84.2	419	332	87	64	57	7	13.3
College graduates	101	94	93.2	89	81	8	5	5	-	5.3
Hispanic origin										
Total, 16 to 24 years	2,828	2,037	72.0	1,742	1,400	342	295	257	38	14.5
16 to 19 years	764	474	62.1	365	242	124	109	86	23	23.0
20 to 24 years	2,064	1,563	75.7	1,377	1,159	218	186	171	15	11.9
Men	1,491	1,289	86.5	1,123	951	172	166	149	18	12.9
Women	1,337	748	55.9	619	449	170	128	108	20	17.2
Less than a high school diploma	1,423	871	61.2	717	569	148	154	132	22	17.7
High school graduates, no college	943	762	80.8	660	532	128	102	94	8	13.4
Less than a bachelor's degree	397	342	86.2	309	249	60	33	27	6	9.7
College graduates	65	62	95.0	57	51	6	5	4	1	6.0

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
ANNUAL AVERAGES**

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

(In thousands)

Age, sex, and race	1996									
	Employed ¹							Unemployed		
	Full-time workers				Part-time workers			Looking for full-time work	Looking for part-time work	
	Total	At work		Not at work	Total	At work ²				Not at work
35 hours or more		1 to 34 hours for economic or noneconomic reasons	Part time for economic reasons			Part time for noneconomic reasons				
TOTAL										
Total, 16 years and over	103,537	89,020	10,381	4,137	23,170	3,080	18,459	1,631	5,803	1,433
16 to 19 years	2,041	1,676	311	54	4,458	347	3,903	208	646	661
16 to 17 years	330	258	60	12	2,316	92	2,118	107	181	437
18 to 19 years	1,711	1,418	251	42	2,142	255	1,786	101	465	224
20 years and over	101,496	87,344	10,070	4,083	18,712	2,733	14,556	1,423	5,157	773
20 to 24 years	8,845	7,657	942	246	3,293	582	2,539	172	1,049	189
25 years and over	92,651	79,686	9,128	3,836	15,419	2,152	12,016	1,251	4,107	583
25 to 54 years	81,363	70,296	7,862	3,206	11,278	1,903	8,520	855	3,711	434
55 years and over	11,288	9,390	1,266	631	4,141	249	3,496	395	396	149
Men, 16 years and over	60,762	53,425	5,290	2,047	7,445	1,322	5,692	431	3,276	604
16 to 19 years	1,219	1,014	173	32	2,091	168	1,833	91	377	356
20 years and over	59,543	52,411	5,117	2,015	5,354	1,155	3,859	341	2,899	248
20 to 24 years	5,073	4,471	494	108	1,356	277	1,026	53	597	78
25 years and over	54,469	47,940	4,623	1,907	3,999	878	2,833	288	2,302	170
25 to 54 years	47,563	42,062	3,943	1,559	2,263	762	1,360	141	2,065	108
55 years and over	6,906	5,878	680	348	1,736	116	1,473	147	237	62
Women, 16 years and over	42,776	35,594	5,091	2,090	15,725	1,758	12,767	1,200	2,527	829
16 to 19 years	822	662	138	22	2,368	179	2,071	118	269	304
20 years and over	41,953	34,933	4,953	2,068	13,357	1,579	10,697	1,082	2,258	525
20 to 24 years	3,772	3,186	448	138	1,937	305	1,513	119	452	112
25 years and over	38,182	31,747	4,505	1,930	11,420	1,274	9,183	963	1,806	413
25 to 54 years	33,800	28,234	3,919	1,647	9,015	1,140	7,160	715	1,647	326
55 years and over	4,382	3,512	586	283	2,406	134	2,024	248	159	87
White										
Men, 16 years and over	52,527	46,208	4,547	1,772	6,361	1,046	4,941	374	2,426	470
16 to 19 years	1,085	908	150	27	1,827	139	1,610	77	259	273
20 years and over	51,442	45,300	4,397	1,745	4,534	907	3,330	297	2,167	197
20 to 24 years	4,311	3,805	416	90	1,133	227	861	45	421	58
25 years and over	47,131	41,495	3,982	1,654	3,401	680	2,469	252	1,746	139
25 to 54 years	40,965	36,241	3,380	1,345	1,825	587	1,122	116	1,547	83
55 years and over	6,166	5,255	602	309	1,577	93	1,347	137	199	56
Women, 16 years and over	35,057	29,124	4,196	1,737	13,863	1,388	11,398	1,077	1,749	656
16 to 19 years	707	571	118	18	2,049	145	1,800	104	178	229
20 years and over	34,350	28,553	4,078	1,719	11,814	1,243	9,598	973	1,570	427
20 to 24 years	3,087	2,625	352	109	1,619	235	1,284	100	296	80
25 years and over	31,264	25,928	3,726	1,610	10,195	1,008	8,314	873	1,274	348
25 to 54 years	27,498	22,913	3,215	1,370	8,027	896	6,483	648	1,146	273
55 years and over	3,766	3,015	510	240	2,168	112	1,831	225	129	74
Black										
Men, 16 years and over	5,723	4,971	547	206	733	199	494	40	705	103
16 to 19 years	101	78	18	4	188	22	156	10	103	66
20 years and over	5,622	4,892	528	201	545	177	338	30	602	37
20 to 24 years	543	470	58	15	141	40	97	5	149	14
25 years and over	5,079	4,422	470	187	404	138	241	25	452	23
25 to 54 years	4,577	4,008	411	158	298	125	155	17	425	18
55 years and over	502	415	59	29	106	12	86	8	28	5
Women, 16 years and over	5,776	4,785	710	280	1,310	289	933	88	652	132
16 to 19 years	92	71	17	3	232	26	197	9	82	59
20 years and over	5,684	4,714	693	277	1,078	263	737	79	570	73
20 to 24 years	512	410	76	25	215	60	141	14	137	26
25 years and over	5,172	4,304	617	252	863	203	596	65	433	47
25 to 54 years	4,699	3,931	553	215	677	186	444	48	414	38
55 years and over	473	373	64	37	186	17	152	17	19	9

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

status.

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

9. 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	
	1995	1996	1995	1996	1995	1996	1995	1996	1995	1996
Total	124,900	126,708	67,377	68,207	64,085	64,897	57,523	58,501	54,396	55,311
Managerial and professional specialty	35,318	36,497	18,378	18,744	18,250	18,637	16,940	17,754	16,790	17,610
Executive, administrative, and managerial	17,186	17,746	9,840	9,979	9,792	9,942	7,346	7,767	7,297	7,719
Officials and administrators, public administration	710	716	371	384	371	383	339	332	338	332
Other executive, administrative, and managerial	12,151	12,656	7,471	7,703	7,429	7,673	4,680	4,953	4,637	4,917
Management-related occupations	4,325	4,374	1,998	1,892	1,992	1,886	2,327	2,481	2,322	2,471
Professional specialty	18,132	18,752	8,539	8,764	8,458	8,695	9,593	9,987	9,493	9,891
Engineers	1,934	1,960	1,771	1,793	1,769	1,791	163	167	163	166
Mathematical and computer scientists	1,195	1,345	813	933	808	929	382	412	381	411
Natural scientists	519	536	377	379	377	378	142	157	141	157
Health diagnosing occupations	1,002	960	773	715	773	715	229	245	229	245
Health assessment and treating occupations	2,762	2,812	393	403	392	403	2,369	2,409	2,365	2,405
Teachers, college and university	846	889	464	502	461	497	382	387	379	381
Teachers, except college and university	4,507	4,724	1,142	1,207	1,124	1,195	3,365	3,517	3,319	3,474
Lawyers and judges	926	911	684	647	684	647	242	264	241	264
Other professional specialty occupations	4,440	4,616	2,122	2,186	2,070	2,140	2,318	2,430	2,273	2,387
Technical, sales, and administrative support	37,417	37,683	13,310	13,489	12,627	12,775	24,107	24,194	22,541	22,553
Technicians and related support	3,909	3,926	1,900	1,865	1,875	1,831	2,009	2,061	1,989	2,036
Health technologists and technicians	1,648	1,605	334	312	331	308	1,314	1,293	1,303	1,278
Engineering and science technicians	1,155	1,164	901	889	884	868	254	275	249	269
Technicians, except health, engineering, and science	1,106	1,157	665	664	660	655	441	494	438	488
Sales occupations	15,119	15,404	7,634	7,782	7,162	7,308	7,485	7,622	6,459	6,559
Supervisors and proprietors	4,480	4,501	2,739	2,812	2,714	2,790	1,741	1,689	1,719	1,669
Sales representatives, finance and business services	2,399	2,529	1,388	1,445	1,373	1,431	1,010	1,084	989	1,059
Sales representatives, commodities, except retail	1,529	1,559	1,206	1,169	1,200	1,159	324	391	318	382
Sales workers, retail and personal services	6,613	6,728	2,277	2,336	1,853	1,907	4,336	4,392	3,360	3,387
Sales-related occupations	99	87	24	21	22	21	75	66	72	63
Administrative support, including clerical	18,389	18,353	3,776	3,842	3,589	3,636	14,613	14,511	14,092	13,958
Supervisors	712	670	285	267	284	266	427	404	423	401
Computer equipment operators	491	402	194	159	185	156	297	243	289	234
Secretaries, stenographers, and typists	4,106	3,868	91	85	85	79	4,015	3,783	3,915	3,682
Financial records processing	2,255	2,272	172	202	168	197	2,083	2,071	2,058	2,051
Mail and message distributing	1,006	998	606	626	587	606	400	371	388	358
Other administrative support, including clerical	9,819	10,143	2,429	2,503	2,281	2,333	7,390	7,639	7,019	7,232
Service occupations	16,930	17,177	6,774	6,967	5,800	5,989	10,155	10,210	9,022	9,079
Private household	821	804	37	41	29	32	784	764	687	663
Protective service	2,237	2,187	1,881	1,811	1,842	1,775	356	375	325	341
Service, except private household and protective	13,872	14,186	4,857	5,115	3,929	4,182	9,015	9,071	8,010	8,074
Food service	5,800	5,906	2,419	2,563	1,730	1,845	3,381	3,343	2,680	2,649
Health service	2,315	2,398	272	284	253	278	2,043	2,115	1,963	2,025
Cleaning and building service	2,946	3,125	1,623	1,737	1,489	1,612	1,324	1,388	1,248	1,323
Personal service	2,810	2,756	542	531	456	447	2,268	2,225	2,118	2,078
Precision production, craft, and repair	13,524	13,587	12,323	12,368	12,060	12,100	1,201	1,219	1,171	1,189
Mechanics and repairers	4,423	4,521	4,248	4,335	4,167	4,235	175	185	172	182
Construction trades	5,098	5,108	4,978	4,981	4,845	4,860	120	127	111	122
Other precision production, craft, and repair	4,004	3,959	3,097	3,052	3,048	3,004	907	906	888	885
Operators, fabricators, and laborers	18,068	18,197	13,675	13,750	12,710	12,773	4,393	4,447	4,190	4,250
Machine operators, assemblers, and inspectors	7,907	7,874	4,958	4,902	4,782	4,743	2,949	2,972	2,861	2,897
Transportation and material moving occupations	5,171	5,302	4,682	4,799	4,570	4,686	490	504	477	487
Motor vehicle operators	3,904	4,025	3,474	3,575	3,386	3,480	429	450	418	434
Other transportation and material moving occupations	1,268	1,277	1,207	1,223	1,184	1,206	60	54	59	53
Handlers, equipment cleaners, helpers, and laborers	4,990	5,021	4,035	4,049	3,358	3,344	955	971	852	866
Construction laborers	780	809	754	778	687	702	26	31	25	29
Other handlers, equipment cleaners, helpers, and laborers	4,210	4,212	3,281	3,272	2,672	2,641	929	940	827	838
Farming, forestry, and fishing	3,642	3,566	2,916	2,889	2,638	2,624	726	677	682	630
Farm operators and managers	1,446	1,314	1,079	1,010	1,040	1,001	366	303	360	303
Other farming, forestry, and fishing occupations	2,196	2,252	1,837	1,879	1,598	1,623	360	374	322	328

**HOUSEHOLD DATA
ANNUAL AVERAGES**

10. Employed persons by occupation, race, and sex

(Percent distribution)

Occupation and race	Total		Men		Women	
	1995	1996	1995	1996	1995	1996
TOTAL						
Total, 16 years and over (thousands)	124,900	126,708	67,377	68,207	57,523	58,501
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	28.3	28.8	27.3	27.5	29.4	30.3
Executive, administrative, and managerial	13.8	14.0	14.6	14.6	12.8	13.3
Professional specialty	14.5	14.8	12.7	12.8	16.7	17.1
Technical, sales, and administrative support	30.0	29.7	19.8	19.8	41.9	41.4
Technicians and related support	3.1	3.1	2.8	2.7	3.5	3.5
Sales occupations	12.1	12.2	11.3	11.4	13.0	13.0
Administrative support, including clerical	14.7	14.5	5.6	5.6	25.4	24.8
Service occupations	13.6	13.6	10.1	10.2	17.7	17.5
Private household .....	.7	.6	.1	.1	1.4	1.3
Protective service	1.8	1.7	2.8	2.7	.6	.6
Service, except private household and protective	11.1	11.2	7.2	7.5	15.7	15.5
Precision production, craft, and repair	10.8	10.7	18.3	18.1	2.1	2.1
Operators, fabricators, and laborers	14.5	14.4	20.3	20.2	7.6	7.6
Machine operators, assemblers, and inspectors	6.3	6.2	7.4	7.2	5.1	5.1
Transportation and material moving occupations	4.1	4.2	6.9	7.0	.9	.9
Handlers, equipment cleaners, helpers, and laborers	4.0	4.0	6.0	5.9	1.7	1.7
Farming, forestry, and fishing	2.9	2.8	4.3	4.2	1.3	1.2
White						
Total, 16 years and over (thousands)	106,490	107,808	58,146	58,888	48,344	48,920
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	29.4	29.8	28.4	28.4	30.6	31.5
Executive, administrative, and managerial	14.5	14.7	15.4	15.3	13.3	13.9
Professional specialty	15.0	15.1	13.0	13.0	17.3	17.6
Technical, sales, and administrative support	30.2	29.8	20.0	19.8	42.5	41.9
Technicians and related support	3.2	3.1	2.9	2.7	3.5	3.5
Sales occupations	12.6	12.5	11.9	11.9	13.4	13.3
Administrative support, including clerical	14.5	14.2	5.2	5.2	25.7	25.0
Service occupations	12.4	12.5	9.0	9.3	16.5	16.3
Private household .....	.6	.6	(¹)	.1	1.3	1.2
Protective service	1.7	1.6	2.6	2.5	.5	.5
Service, except private household and protective	10.1	10.3	6.3	6.7	14.7	14.6
Precision production, craft, and repair	11.2	11.1	18.9	18.8	2.0	2.0
Operators, fabricators, and laborers	13.6	13.6	19.2	19.2	6.9	6.9
Machine operators, assemblers, and inspectors	5.8	5.8	6.9	6.9	4.5	4.5
Transportation and material moving occupations	4.0	4.1	6.6	6.8	.8	.8
Handlers, equipment cleaners, helpers, and laborers	3.8	3.7	5.6	5.5	1.6	1.6
Farming, forestry, and fishing	3.1	3.1	4.6	4.6	1.4	1.3
Black						
Total, 16 years and over (thousands)	13,279	13,542	6,422	6,456	6,857	7,086
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	20.0	20.0	17.7	16.9	22.1	22.8
Executive, administrative, and managerial	9.3	9.0	9.2	8.3	9.4	9.6
Professional specialty	10.7	11.0	8.6	8.6	12.7	13.1
Technical, sales, and administrative support	28.7	28.6	17.7	17.9	39.0	38.4
Technicians and related support	2.8	2.7	2.3	2.2	3.4	3.2
Sales occupations	8.9	9.0	7.0	7.2	10.7	10.6
Administrative support, including clerical	16.9	16.9	8.4	8.5	25.0	24.6
Service occupations	21.7	21.9	17.8	18.0	25.4	25.4
Private household	1.0	1.0	.1	.1	1.9	1.9
Protective service	3.1	2.9	4.7	4.4	1.5	1.5
Service, except private household and protective	17.6	18.0	12.9	13.5	22.0	22.1
Precision production, craft, and repair	8.1	7.9	14.3	14.2	2.3	2.2
Operators, fabricators, and laborers	20.4	20.6	30.3	31.1	11.1	11.0
Machine operators, assemblers, and inspectors	9.2	8.8	10.4	10.1	8.0	7.7
Transportation and material moving occupations	5.7	5.7	10.5	10.6	1.2	1.2
Handlers, equipment cleaners, helpers, and laborers	5.5	6.1	9.4	10.4	1.9	2.1
Farming, forestry, and fishing	1.2	1.0	2.2	2.0	.2	.2

¹ Less than 0.05 percent.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Occupation	1996			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Total, 16 years and over	126,708	46.2	10.7	9.2
Managerial and professional specialty	36,497	48.6	7.4	4.5
Executive, administrative, and managerial	17,746	43.8	6.9	4.8
Officials and administrators, public administration	636	47.7	12.9	4.9
Administrators, protective services	55	31.3	10.7	2.6
Financial managers	621	54.0	6.5	5.1
Personnel and labor relations managers	122	51.6	12.9	4.3
Purchasing managers	121	45.7	4.6	6.5
Managers, marketing, advertising, and public relations	655	37.8	2.9	2.8
Administrators, education and related fields	668	56.9	10.2	5.6
Managers, medicine and health	713	75.3	8.5	4.1
Managers, food serving and lodging establishments	1,383	45.9	9.0	6.8
Managers, properties and real estate	530	48.0	7.7	8.1
Funeral directors	55	11.6	8.5	.3
Management-related occupations	4,374	56.7	9.2	5.1
Accountants and auditors	1,538	56.0	8.8	4.8
Underwriters	95	69.0	10.9	3.2
Other financial officers	726	53.4	8.1	4.7
Management analysts	329	41.1	5.2	2.3
Personnel, training, and labor relations specialists	416	65.7	13.2	5.7
Buyers, wholesale and retail trade, except farm products	205	58.1	4.9	7.8
Construction inspectors	69	7.4	5.8	4.3
Inspectors and compliance officers, except construction	241	33.4	13.1	10.2
Professional specialty	18,752	53.3	7.9	4.3
Engineers, architects, and surveyors	2,140	9.2	4.1	3.8
Architects	160	16.7	2.7	4.3
Engineers	1,960	8.5	4.2	3.8
Aerospace engineers	80	4.8	2.7	3.5
Chemical engineers	95	15.2	8.7	2.4
Civil engineers	243	7.2	4.7	4.3
Electrical and electronic engineers	601	8.0	4.4	3.9
Industrial engineers	257	13.2	2.8	5.9
Mechanical engineers	350	6.9	3.9	2.4
Mathematical and computer scientists	1,345	30.6	7.2	2.6
Computer systems analysts and scientists	1,093	28.1	7.2	2.5
Operations and systems researchers and analysts	209	42.8	8.0	3.4
Natural scientists	536	29.3	3.3	1.9
Chemists, except biochemists	149	28.6	3.7	2.1
Biological and life scientists	116	39.0	4.7	3.0
Medical scientists	73	48.5	4.8	3.5
Health diagnosing occupations	960	25.5	3.7	4.3
Physicians	667	26.4	4.5	5.1
Dentists	137	13.7	1.2	.9
Veterinarians	54	33.9	2.9	2.9
Health assessment and treating occupations	2,812	85.7	8.7	3.1
Registered nurses	1,966	93.3	8.6	2.6
Pharmacists	184	42.6	6.8	1.3
Dietitians	105	90.2	29.3	7.4
Therapists	474	73.3	6.6	4.4
Respiratory therapists	96	58.4	8.5	6.8
Occupational therapists	64	86.6	4.5	3.1
Physical therapists	118	61.9	3.8	4.3
Speech therapists	97	93.3	2.2	2.9
Physicians' assistants	63	55.9	1.8	5.2
Teachers, college and university	889	43.5	6.5	4.1
Teachers, except college and university	4,724	74.4	9.8	4.8
Prekindergarten and kindergarten	543	98.1	13.6	5.8
Elementary school	1,846	83.3	9.9	4.8
Secondary school	1,228	55.9	7.9	5.0
Special education	340	84.8	12.5	2.1
Counselors, educational and vocational	275	69.8	15.0	5.9
Librarians, archivists, and curators	202	79.8	8.0	2.9
Librarians	180	82.7	7.9	3.2
Social scientists and urban planners	438	56.9	9.0	3.7
Economists	148	54.4	3.9	5.4
Psychologists	245	61.4	12.2	3.1

See footnotes at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Occupation	1996			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Social, recreation, and religious workers	1,332	53.8	17.1	6.4
Social workers	745	68.5	22.6	7.7
Recreation workers	106	74.0	13.8	5.0
Clergy	354	12.3	11.2	4.9
Lawyers and judges	911	29.0	3.4	2.9
Lawyers	880	29.5	3.5	2.8
Writers, artists, entertainers, and athletes	2,188	49.4	6.0	6.0
Authors	114	54.1	5.4	.9
Technical writers	63	40.2	7.4	2.6
Designers	603	57.5	2.1	5.9
Musicians and composers	175	34.2	12.8	10.4
Actors and directors	136	41.3	10.2	7.8
Painters, sculptors, craft artists, and artist printmakers	235	50.4	1.7	5.2
Photographers	141	28.6	6.8	5.5
Editors and reporters	280	55.7	6.5	3.3
Public relations specialists	150	62.0	13.0	4.6
Athletes	85	30.9	5.6	5.7
Technical, sales, and administrative support	37,683	64.2	10.3	7.6
Technicians and related support	3,926	52.5	9.4	6.3
Health technologists and technicians	1,605	80.6	12.2	6.7
Clinical laboratory technologists and technicians	376	73.3	16.1	8.7
Dental hygienists	94	98.2	.0	2.9
Radiologic technicians	135	69.6	8.7	3.8
Licensed practical nurses	395	95.3	14.0	3.8
Engineering and related technologists and technicians	919	19.9	8.5	6.1
Electrical and electronic technicians	361	12.7	8.2	6.5
Drafting occupations	233	20.9	5.6	4.5
Surveying and mapping technicians	73	12.6	10.8	4.4
Science technicians	245	37.4	10.6	6.2
Biological technicians	79	57.6	9.3	4.0
Chemical technicians	78	26.7	14.5	7.3
Technicians, except health, engineering, and science	1,157	42.6	5.8	6.0
Airplane pilots and navigators	114	1.4	1.4	3.5
Computer programmers	561	30.8	5.3	4.7
Legal assistants	307	82.9	7.5	8.3
Sales occupations	15,404	49.5	7.9	7.0
Supervisors and proprietors	4,501	37.5	5.4	5.9
Sales representatives, finance and business services	2,529	42.9	6.1	4.8
Insurance sales	625	40.4	7.2	5.5
Real estate sales	737	49.2	3.3	4.5
Securities and financial services sales	406	30.4	4.5	3.5
Advertising and related sales	158	61.1	9.8	4.3
Sales occupations, other business services	603	41.2	8.7	5.7
Sales representatives, commodities, except retail	1,559	25.0	3.1	5.0
Sales representatives, mining, manufacturing, and wholesale	1,514	25.7	3.2	5.1
Sales workers, retail and personal services	6,728	65.3	11.4	9.2
Sales workers, motor vehicles and boats	304	9.2	6.7	7.0
Sales workers, apparel	451	80.5	13.4	9.6
Sales workers, shoes	102	62.4	13.2	10.9
Sales workers, furniture and home furnishings	174	45.8	4.8	5.4
Sales workers, radio, television, hi-fi, and appliances	250	27.1	8.6	7.6
Sales workers, hardware and building supplies	254	21.7	2.6	7.9
Sales workers, parts	158	11.6	6.2	9.1
Sales workers, other commodities	1,499	68.4	8.3	7.3
Sales counter clerks	199	67.4	7.5	8.0
Cashiers	2,856	78.1	15.6	10.6
Street and door-to-door sales workers	360	75.4	9.3	10.9
News vendors	121	45.4	6.0	9.1
Sales-related occupations	87	75.8	5.3	4.8
Demonstrators, promoters, and models	61	76.9	4.0	6.0
Administrative support occupations, including clerical	18,353	79.1	12.5	8.3
Supervisors, administrative support	670	60.2	13.6	8.3
Supervisors, general office	379	67.7	14.1	8.1
Supervisors, financial records processing	84	85.6	8.6	3.9
Supervisors, distribution, scheduling, and adjusting clerks	176	36.0	16.2	10.7

See footnotes at end of table.

HOUSEHOLD DATA
ANNUAL AVERAGES

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

(Numbers in thousands)

Occupation	1996			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Computer equipment operators	402	60.5	13.8	7.8
Computer operators	398	60.2	13.3	7.9
Secretaries, stenographers, and typists	3,868	97.8	10.3	6.4
Secretaries	3,164	98.6	9.3	6.2
Stenographers	109	91.4	4.4	2.7
Typists	595	94.8	16.9	8.1
Information clerks	1,927	89.0	10.2	8.7
Interviewers	168	87.1	17.2	8.8
Hotel clerks	105	75.2	6.5	8.2
Transportation ticket and reservation agents	304	73.0	7.0	8.2
Receptionists	960	96.9	9.8	8.3
Records processing, except financial	911	77.8	16.0	9.1
Order clerks	220	73.7	18.7	12.5
Personnel clerks, except payroll and timekeeping	66	83.2	12.4	4.5
Library clerks	145	74.6	11.6	3.5
File clerks	309	77.6	18.3	11.3
Records clerks	163	85.2	13.7	7.5
Financial records processing	2,272	91.1	6.8	6.1
Bookkeepers, accounting, and auditing clerks	1,774	91.9	5.6	5.6
Payroll and timekeeping clerks	167	90.7	13.5	8.3
Billing clerks	169	88.5	12.1	8.0
Billing, posting, and calculating machine operators	104	89.6	7.5	9.2
Duplicating, mail and other office machine operators	75	63.6	13.2	13.1
Communications equipment operators	177	88.8	21.8	8.0
Telephone operators	164	90.5	21.4	7.2
Mail and message distributing	998	37.2	21.3	9.1
Postal clerks, except mail carriers	310	46.8	28.3	7.9
Mail carriers, postal service	325	28.3	14.1	8.1
Mail clerks, except postal service	188	49.3	29.8	11.1
Messengers	175	23.7	13.1	11.1
Material recording, scheduling, and distributing clerks	1,922	44.6	14.7	9.5
Dispatchers	249	50.6	12.2	5.7
Production coordinators	214	53.3	8.6	5.0
Traffic, shipping, and receiving clerks	616	30.4	16.1	13.4
Stock and inventory clerks	497	44.2	16.4	10.5
Weighers, measurers, and checkers and samplers	55	54.0	18.1	9.5
Expeditors	220	69.2	13.6	5.1
Adjusters and investigators	1,598	74.3	13.4	8.6
Insurance adjusters, examiners, and investigators	410	68.7	11.8	7.5
Investigators and adjusters, except insurance	907	76.3	13.5	8.1
Eligibility clerks, social welfare	114	87.2	12.7	16.0
Bill and account collectors	166	68.7	17.4	8.6
Miscellaneous administrative support	3,533	84.0	13.8	10.1
General office clerks	762	80.8	12.1	9.9
Bank tellers	431	90.1	9.7	10.0
Data-entry keyers	693	84.5	17.0	10.8
Statistical clerks	96	90.3	20.2	5.8
Teachers' aides	623	92.1	15.9	14.4
Service occupations	17,177	59.4	17.2	13.7
Private household	804	94.9	17.2	26.2
Child care workers	276	97.1	13.1	15.2
Cleaners and servants	504	93.6	18.5	32.4
Protective service	2,187	17.2	17.8	8.0
Supervisors	184	10.5	13.1	6.0
Police and detectives	97	13.6	9.2	7.2
Firefighting and fire prevention	231	2.1	13.5	5.6
Firefighting	217	1.8	13.8	5.0
Police and detectives	960	15.8	16.0	8.2
Police and detectives, public service	566	12.9	12.6	8.2
Sheriffs, bailiffs, and other law enforcement officers	126	15.8	18.7	7.9
Correctional institution officers	267	21.7	22.1	8.4
Guards	811	24.6	22.1	8.9
Guards and police, except public services	686	17.3	24.1	8.2
Service occupations, except private household and protective service	14,186	63.9	17.2	13.8

See footnotes at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Occupation	1996			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Food preparation and service occupations	5,906	56.6	11.4	15.1
Supervisors, food preparation and service	402	70.1	10.6	10.9
Bartenders	314	53.8	2.4	7.0
Waiters and waitresses	1,375	77.9	4.8	9.6
Cooks	2,061	42.2	16.4	18.5
Food counter, fountain and related occupations	311	67.2	12.8	10.4
Kitchen workers, food preparation	257	71.3	11.0	13.0
Waiters' and waitresses' assistants	523	46.9	10.6	19.6
Miscellaneous food preparation	664	47.5	14.6	21.9
Health service occupations	2,398	88.2	29.4	8.2
Dental assistants	212	99.1	6.2	11.2
Health aides, except nursing	336	79.8	23.3	6.8
Nursing aides, orderlies, and attendants	1,850	88.4	33.2	8.1
Cleaning and building service occupations	3,125	44.4	22.8	19.6
Supervisors	166	34.4	23.9	14.6
Maids and housemen	683	81.8	29.6	21.1
Janitors and cleaners	2,205	34.9	21.1	19.7
Pest control occupations	64	2.6	5.4	12.6
Personal service occupations	2,756	80.7	12.4	9.5
Supervisors	135	68.2	11.6	6.5
Barbers	85	25.2	30.3	8.0
Hairdressers and cosmetologists	737	91.1	10.2	8.2
Attendants, amusement and recreation facilities	197	38.4	6.3	7.6
Public transportation attendants	95	81.2	10.3	6.7
Welfare service aides	96	87.3	28.4	14.0
Family child care providers	479	98.5	8.8	10.2
Early childhood teachers' assistants	387	95.4	15.3	10.3
Precision production, craft, and repair	13,587	9.0	7.9	11.0
Mechanics and repairers	4,521	4.1	7.4	9.6
Supervisors	225	8.6	4.6	5.8
Mechanics and repairers, except supervisors	4,296	3.9	7.6	9.8
Vehicle and mobile equipment mechanics and repairers	1,831	1.0	7.9	11.2
Automobile mechanics	889	1.2	7.6	13.9
Bus, truck, and stationary engine mechanics	336	.3	9.0	9.2
Aircraft engine mechanics	137	1.1	11.3	6.0
Small engine repairers	60	1.8	6.6	1.6
Automobile body and related repairers	208	1.2	7.2	13.6
Heavy equipment mechanics	156	.1	5.9	5.4
Industrial machinery repairers	540	2.9	6.2	7.8
Electrical and electronic equipment repairers	662	11.0	9.7	8.7
Electronic repairers, communications and industrial equipment	166	5.6	9.7	9.7
Data processing equipment repairers	188	18.3	9.9	7.9
Telephone installers and repairers	176	13.9	11.9	5.2
Heating, air conditioning, and refrigeration mechanics	304	1.3	4.3	7.0
Miscellaneous mechanics and repairers	939	5.6	7.1	9.7
Office machine repairers	56	3.7	7.3	6.0
Millwrights	89	1.2	7.1	.9
Construction trades	5,108	2.5	7.5	11.7
Supervisors	664	2.2	4.4	8.9
Construction trades, except supervisors	4,443	2.5	7.9	12.2
Brickmasons and stonemasons	162	.2	17.2	14.8
Tile setters, hard and soft	59	.3	7.7	19.7
Carpet installers	103	.4	4.8	19.4
Carpenters	1,220	1.3	6.2	9.9
Drywall installers	168	1.6	4.8	24.8
Electricians	763	2.2	6.7	7.4
Electrical power installers and repairers	126	.6	6.0	5.8
Painters, construction and maintenance	504	8.0	7.3	19.0
Plumbers, pipefitters, and steamfitters	555	2.2	7.9	8.9
Concrete and terrazzo finishers	80	.5	27.6	22.5
Insulation workers	54	.0	5.1	17.8
Roofers	197	1.3	9.9	18.6
Extractive occupations	130	2.5	6.0	7.8
Precision production occupations	3,828	23.6	9.0	11.9
Supervisors	1,226	18.1	9.1	9.6

See footnotes at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Occupation	1996			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Precision metalworking	910	8.8	6.2	7.7
Tool and die makers	132	1.7	.2	5.5
Machinists	491	6.1	7.7	7.4
Sheet-metal workers	126	6.9	7.5	6.2
Precision woodworking occupations	120	10.2	5.2	11.9
Cabinet makers and bench carpenters	79	6.2	7.4	12.5
Precision textile, apparel, and furnishings machine workers	226	54.7	12.3	19.7
Dressmakers	97	90.3	8.8	16.9
Upholsterers	59	19.5	10.7	20.5
Precision workers, assorted materials	511	54.0	10.6	13.3
Optical goods workers	71	52.4	5.1	4.7
Electrical and electronic equipment assemblers	325	62.7	14.1	16.3
Precision food production occupations	435	35.5	11.8	23.9
Butchers and meat cutters	242	22.3	14.6	29.7
Bakers	148	45.8	8.5	17.1
Precision inspectors, testers, and related workers	139	18.9	8.3	10.8
Inspectors, testers, and graders	131	18.7	7.3	11.5
Plant and system operators	260	2.8	10.1	7.9
Water and sewage treatment plant operators	64	4.3	5.1	5.4
Stationary engineers	128	1.6	13.6	8.2
Operators, fabricators, and laborers	18,197	24.4	15.3	14.3
Machine operators, assemblers, and inspectors	7,874	37.7	15.2	16.4
Machine operators and tenders, except precision	5,032	38.0	15.9	17.5
Metalworking and plastic working machine operators	390	14.7	11.2	13.1
Punching and stamping press machine operators	89	18.7	12.1	14.4
Grinding, abrading, buffing, and polishing machine operators	125	14.8	10.7	18.9
Metal and plastic processing machine operators	164	20.8	13.4	20.1
Molding and casting machine operators	110	25.3	14.5	18.7
Woodworking machine operators	127	13.2	15.3	6.6
Sawing machine operators	78	11.2	15.0	9.1
Printing machine operators	407	22.0	9.0	8.9
Printing press operators	315	12.7	10.0	10.4
Textile, apparel, and furnishings machine operators	1,071	74.1	19.7	24.4
Winding and twisting machine operators	56	66.4	29.6	3.3
Textile sewing machine operators	595	83.3	16.7	28.1
Pressing machine operators	100	76.3	22.7	38.4
Laundering and dry cleaning machine operators	202	59.2	20.2	21.3
Machine operators, assorted materials	2,853	32.1	16.2	17.0
Packaging and filling machine operators	393	60.7	20.6	25.0
Mixing and blending machine operators	108	7.9	19.6	13.6
Separating, filtering, and clarifying machine operators	57	4.7	20.1	7.2
Painting and paint spraying machine operators	200	10.7	10.8	19.1
Furnace, kiln, and oven operators, except food	65	8.1	13.0	8.3
Slicing and cutting machine operators	179	27.0	11.5	18.2
Photographic process machine operators	78	59.4	10.1	8.3
Fabricators, assemblers, and hand working occupations	2,071	32.4	14.3	13.6
Welders and cutters	605	5.0	10.3	13.5
Assemblers	1,271	43.1	17.6	13.4
Production inspectors, testers, samplers, and weighers	771	50.7	12.6	17.3
Production inspectors, checkers, and examiners	538	51.1	12.0	13.6
Production testers	57	31.0	10.7	9.0
Graders and sorters, except agricultural	169	57.0	15.2	31.7
Transportation and material moving occupations	5,302	9.5	14.6	10.3
Motor vehicle operators	4,025	11.2	14.8	10.4
Supervisors	85	17.5	12.6	9.3
Truck drivers	3,019	5.3	12.4	10.3
Drivers--sales workers	156	7.5	7.2	7.0
Bus drivers	512	46.8	27.7	8.9
Taxicab drivers and chauffeurs	203	10.7	21.8	15.4
Transportation occupations, except motor vehicles	184	2.0	11.4	4.5
Rail transportation	115	2.0	13.3	3.9
Water transportation	69	2.0	8.2	5.3
Material moving equipment operators	1,093	4.6	14.4	11.1
Operating engineers	245	2.5	9.4	6.0
Crane and tower operators	81	2.3	19.8	4.3

See footnotes at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Occupation	1996			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Excavating and loading machine operators	92	-	5.2	9.7
Grader, dozer, and scraper operators	59	2.8	5.3	2.9
Industrial truck and tractor equipment operators	512	6.2	18.5	16.1
Handlers, equipment cleaners, helpers, and laborers	5,021	19.3	16.4	15.2
Helpers, construction and extractive occupations	115	5.6	9.5	18.9
Helpers, construction trades	106	5.2	9.5	20.4
Construction laborers	809	3.8	14.2	19.4
Freight, stock, and material handlers	1,929	23.0	16.4	12.6
Stock handlers and baggers	1,106	28.8	12.4	13.4
Machine feeders and offbearers	70	48.5	22.9	11.3
Garage and service station related occupations	169	5.8	14.2	13.7
Vehicle washers and equipment cleaners	288	10.5	20.4	22.1
Hand packers and packagers	279	57.2	16.9	19.7
Laborers, except construction	1,334	20.2	17.8	13.5
Farming, forestry, and fishing	3,566	19.0	3.9	19.2
Farm operators and managers	1,314	23.1	.5	2.7
Farmers, except horticultural	1,112	24.3	.5	1.9
Managers, farms, except horticultural	139	20.6	.4	3.9
Other agricultural and related occupations	2,096	17.5	6.0	30.5
Farm occupations, except managerial	898	19.4	3.3	37.5
Farm workers	840	18.8	3.4	37.3
Related agricultural occupations	1,198	16.0	8.0	25.2
Supervisors	126	4.7	4.8	22.7
Groundskeepers and gardeners, except farm	875	6.0	9.3	25.9
Animal caretakers, except farm	133	69.8	3.5	3.0
Graders and sorters, agricultural products	63	62.1	6.2	67.9
Forestry and logging occupations	108	3.5	5.2	6.9
Timber cutting and logging occupations	75	.7	7.1	2.0

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

the appropriate categories shown. Dash represents or rounds to zero.

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

(In thousands)

Category	Total		White		Black		Hispanic origin	
	1995	1996	1995	1996	1995	1996	1995	1996
SEX								
Total (all civilian workers)	124,900	126,708	106,490	107,808	13,279	13,542	11,127	11,642
Men	67,377	68,207	58,146	58,888	6,422	6,456	6,725	7,039
Women	57,523	58,501	48,344	48,920	6,857	7,086	4,403	4,602
OCCUPATION								
Managerial and professional specialty	35,318	36,497	31,323	32,116	2,651	2,706	1,548	1,654
Executive, administrative, and managerial	17,186	17,746	15,398	15,807	1,233	1,218	821	854
Professional specialty	18,132	18,752	15,924	16,309	1,418	1,488	727	799
Technical, sales, and administrative support	37,417	37,683	32,184	32,177	3,808	3,877	2,719	2,849
Technicians and related support	3,909	3,926	3,361	3,334	378	368	240	248
Sales occupations	15,119	15,404	13,366	13,519	1,183	1,218	1,048	1,085
Administrative support, including clerical	18,389	18,353	15,457	15,323	2,248	2,291	1,431	1,516
Service occupations	16,930	17,177	13,208	13,447	2,880	2,962	2,195	2,349
Private household	821	804	638	637	137	139	204	211
Protective service	2,237	2,187	1,772	1,748	406	389	166	175
Service, except private household and protective	13,872	14,186	10,799	11,062	2,337	2,435	1,825	1,963
Precision production, craft, and repair	13,524	13,587	11,949	12,020	1,073	1,069	1,430	1,498
Mechanics and repairers	4,423	4,521	3,929	4,034	368	335	365	433
Construction trades	5,098	5,108	4,584	4,596	362	381	580	600
Other precision production, craft, and repair	4,004	3,959	3,437	3,390	344	354	485	465
Operators, fabricators, and laborers	18,068	18,197	14,496	14,697	2,712	2,789	2,577	2,607
Machine operators, assemblers, and inspectors	7,907	7,874	6,221	6,270	1,218	1,193	1,250	1,295
Transportation and material moving occupations	5,171	5,302	4,254	4,412	760	772	512	548
Handlers, equipment cleaners, helpers, and laborers	4,990	5,021	4,022	4,016	734	824	816	764
Construction laborers	780	809	641	674	106	115	165	157
Other handlers, equipment cleaners, helpers, and laborers	4,210	4,212	3,381	3,342	628	709	651	607
Farming, forestry, and fishing	3,642	3,566	3,330	3,350	154	139	658	685
CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,814	1,869	1,618	1,752	77	73	542	523
Self-employed workers	1,580	1,518	1,530	1,471	24	25	60	83
Unpaid family workers	45	56	45	53	-	-	1	2
Nonagricultural industries:								
Wage and salary workers	112,448	114,171	95,092	96,324	12,687	12,961	10,006	10,458
Government	18,362	18,217	14,722	14,636	2,930	2,869	1,289	1,322
Private industries	94,086	95,954	80,370	81,688	9,757	10,092	8,717	9,137
Private households	963	928	733	728	176	165	225	235
Other industries	93,123	95,025	79,637	80,960	9,581	9,927	8,493	8,901
Self-employed workers	8,902	8,971	8,105	8,106	488	481	507	561
Unpaid family workers	110	122	99	102	3	1	10	13
FULL- or PART-TIME STATUS								
Full-time workers	101,679	103,537	86,190	87,584	11,227	11,499	9,349	9,807
Part-time workers	23,220	23,170	20,301	20,224	2,052	2,043	1,779	1,835

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

(in thousands)

Category	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	1995	1996	1995	1996	1995	1996	1995	1996
SEX								
Total (all civilian workers)	11,127	11,642	7,016	7,209	974	1,057	568	591
Men	6,725	7,039	4,427	4,530	535	585	324	354
Women	4,403	4,602	2,589	2,680	439	472	244	237
OCCUPATION								
Managerial and professional specialty	1,548	1,654	821	870	191	201	125	128
Executive, administrative, and managerial	821	854	446	450	83	99	62	72
Professional specialty	727	799	375	420	107	102	63	56
Technical, sales, and administrative support	2,719	2,849	1,525	1,578	290	339	213	193
Technicians and related support	240	248	133	125	25	30	27	22
Sales occupations	1,048	1,085	570	597	102	109	81	76
Administrative support, including clerical	1,431	1,516	821	856	164	200	106	95
Service occupations	2,195	2,349	1,366	1,388	169	209	80	86
Private household	204	211	118	100	2	10	3	1
Protective service	166	175	94	98	31	35	11	14
Service, except private household and protective	1,825	1,963	1,155	1,190	136	164	66	71
Precision production, craft, and repair	1,430	1,498	945	1,008	105	99	59	75
Mechanics and repairers	365	433	214	264	33	36	27	28
Construction trades	580	600	389	431	32	25	14	24
Other precision production, craft, and repair	485	465	341	313	39	38	18	22
Operators, fabricators, and laborers	2,577	2,607	1,780	1,764	205	197	81	103
Machine operators, assemblers, and inspectors	1,250	1,295	860	872	102	99	31	44
Transportation and material moving occupations	512	548	331	358	46	50	27	29
Handlers, equipment cleaners, helpers, and laborers	816	764	589	534	57	47	22	30
Construction laborers	165	157	129	119	7	4	3	7
Other handlers, equipment cleaners, helpers, and laborers	651	607	460	415	50	43	19	22
Farming, forestry, and fishing	658	685	579	602	14	13	10	7
CLASS OF WORKER								
Agriculture:								
Wage and salary workers	542	523	493	471	8	8	2	2
Self-employed workers	60	83	45	69	1	-	5	2
Unpaid family workers	1	2	1	2	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	10,006	10,458	6,178	6,330	927	1,012	527	548
Government	1,289	1,322	799	827	163	178	67	63
Private industries	8,717	9,137	5,379	5,503	764	833	460	486
Private households	225	235	134	115	4	11	3	2
Other industries	8,493	8,901	5,246	5,388	760	823	458	483
Self-employed workers	507	561	290	330	38	37	34	38
Unpaid family workers	10	13	8	8	-	-	-	-
FULL- OR PART-TIME STATUS								
Full-time workers	9,349	9,807	5,896	6,087	820	880	496	498
Part-time workers	1,779	1,835	1,120	1,123	154	178	72	93

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

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

(In thousands)

Age, sex, and race	1996									
	Mining	Construction	Manufacturing			Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services ¹	Public administration
			Total	Durable goods	Non-durable goods					
TOTAL										
Total, 16 years and over	570	7,943	20,518	12,203	8,316	8,818	26,498	8,076	45,043	5,802
16 to 19 years	7	249	397	202	196	115	3,567	148	1,716	43
20 years and over	563	7,695	20,121	12,001	8,120	8,703	22,931	7,929	43,328	5,760
20 to 24 years	36	738	1,626	938	688	609	3,890	647	4,073	226
25 years and over	528	6,958	18,496	11,065	7,433	8,095	19,041	7,283	39,256	5,535
25 to 54 years	468	6,124	16,107	9,643	6,465	7,163	16,235	6,195	33,377	4,849
55 years and over	60	834	2,389	1,422	968	932	2,806	1,088	5,879	686
Men, 16 years and over	495	7,147	13,950	8,927	5,024	6,293	13,999	3,360	17,166	3,228
16 to 19 years	6	224	283	154	129	85	1,736	51	696	17
20 years and over	489	6,924	13,668	8,773	4,896	6,209	12,264	3,309	16,470	3,212
20 to 24 years	30	677	1,120	708	412	413	2,011	201	1,616	131
25 years and over	461	6,248	12,549	8,065	4,485	5,797	10,254	3,109	14,856	3,081
25 to 54 years	407	5,527	10,879	6,999	3,881	5,098	8,754	2,533	12,380	2,692
55 years and over	54	721	1,670	1,066	604	699	1,500	576	2,476	389
Women, 16 years and over	76	796	6,569	3,276	3,293	2,525	12,499	4,717	27,877	2,574
16 to 19 years	2	25	115	48	68	31	1,832	97	1,020	27
20 years and over	74	772	6,454	3,229	3,225	2,494	10,668	4,620	26,858	2,548
20 to 24 years	7	62	506	230	277	196	1,880	447	2,458	95
25 years and over	68	710	5,948	3,000	2,950	2,299	8,789	4,175	24,401	2,455
25 to 54 years	61	597	5,228	2,644	2,585	2,065	7,482	3,663	20,998	2,158
55 years and over	7	113	720	356	365	234	1,307	512	3,403	297
White										
Men, 16 years and over	465	6,481	12,065	7,801	4,265	5,192	12,097	2,977	14,488	2,692
16 to 19 years	6	213	248	136	112	70	1,513	40	598	14
20 years and over	459	6,268	11,818	7,665	4,153	5,122	10,584	2,937	13,890	2,678
20 to 24 years	28	628	931	602	329	316	1,720	165	1,329	106
25 years and over	432	5,641	10,889	7,064	3,826	4,807	8,865	2,773	12,563	2,573
25 to 54 years	383	4,984	9,393	6,093	3,301	4,200	7,513	2,240	10,378	2,240
55 years and over	49	657	1,496	971	525	607	1,352	533	2,185	333
Women, 16 years and over	70	742	5,325	2,710	2,615	2,016	10,789	4,035	23,195	1,912
16 to 19 years	2	24	99	43	57	23	1,574	82	891	23
20 years and over	69	718	5,226	2,668	2,558	1,993	9,215	3,953	22,305	1,890
20 to 24 years	5	56	386	192	195	156	1,585	363	2,027	70
25 years and over	65	663	4,841	2,478	2,364	1,838	7,631	3,592	20,278	1,820
25 to 54 years	59	554	4,212	2,166	2,046	1,632	6,441	3,114	17,401	1,570
55 years and over	6	109	629	312	318	206	1,190	478	2,877	250
Black										
Men, 16 years and over	24	495	1,300	727	573	875	1,213	239	1,815	413
16 to 19 years	1	9	23	11	13	13	167	7	69	3
20 years and over	24	487	1,277	717	561	863	1,047	233	1,746	411
20 to 24 years	2	37	130	65	66	77	196	22	198	21
25 years and over	23	451	1,149	653	496	786	852	212	1,549	391
25 to 54 years	18	402	1,030	591	439	711	764	184	1,356	351
55 years and over	5	49	119	62	57	75	88	28	193	40
Women, 16 years and over	4	32	846	361	485	412	1,123	500	3,616	544
16 to 19 years	1	1	11	3	9	7	205	12	88	3
20 years and over	4	31	835	359	477	406	918	488	3,528	542
20 to 24 years	2	6	83	23	60	35	212	56	312	22
25 years and over	2	26	753	336	418	372	707	433	3,218	521
25 to 54 years	1	22	689	305	385	348	651	410	2,767	483
55 years and over	1	4	64	31	33	24	56	23	451	38

¹ Includes private households.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(In thousands)

Age and sex	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	1,869	1,518	56	114,171	95,954	928	95,025	18,217	8,971	122
16 to 19 years	214	29	19	6,149	5,854	123	5,731	295	77	13
16 to 17 years	101	19	9	2,474	2,376	65	2,312	98	36	7
18 to 19 years	113	10	10	3,675	3,477	58	3,420	197	41	6
20 to 24 years	249	43	7	11,561	10,618	108	10,510	943	267	12
25 to 34 years	511	228	12	29,633	25,773	164	25,609	3,860	1,670	22
35 to 44 years	431	361	6	31,486	25,906	178	25,728	5,580	2,744	23
45 to 54 years	256	316	4	22,603	17,443	165	17,278	5,160	2,307	27
55 to 64 years	133	275	6	10,043	8,067	126	7,941	1,976	1,262	21
65 years and over	75	267	4	2,696	2,292	65	2,227	404	644	4
Men, 16 years and over	1,418	1,124	31	60,133	52,023	99	51,924	8,110	5,465	36
16 to 19 years	176	26	15	3,051	2,915	21	2,894	136	35	8
16 to 17 years	83	17	7	1,190	1,139	11	1,128	51	16	5
18 to 19 years	93	9	8	1,861	1,776	9	1,767	85	19	3
20 to 24 years	192	39	4	6,027	5,609	15	5,594	418	159	7
25 to 34 years	400	177	7	15,968	14,223	21	14,202	1,745	972	4
35 to 44 years	309	263	2	16,591	14,180	11	14,169	2,411	1,648	4
45 to 54 years	187	216	-	11,653	9,351	13	9,338	2,302	1,424	4
55 to 64 years	96	191	2	5,376	4,467	9	4,459	909	796	8
65 years and over	57	212	2	1,467	1,278	9	1,269	190	432	2
Women, 16 years and over	452	394	25	54,037	43,931	830	43,101	10,107	3,506	87
16 to 19 years	38	3	4	3,098	2,939	102	2,837	159	43	5
16 to 17 years	18	2	1	1,284	1,237	53	1,184	47	21	3
18 to 19 years	20	1	2	1,814	1,701	49	1,653	112	22	2
20 to 24 years	56	4	3	5,534	5,009	93	4,916	525	108	5
25 to 34 years	111	51	5	13,665	11,550	143	11,407	2,115	699	18
35 to 44 years	122	98	4	14,895	11,726	167	11,560	3,169	1,096	20
45 to 54 years	70	100	4	10,950	8,092	152	7,940	2,857	884	23
55 to 64 years	36	83	3	4,667	3,599	118	3,482	1,067	466	14
65 years and over	18	55	2	1,229	1,014	56	959	215	212	2

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

(In thousands)

Industry and sex	1996					
	Total employed	Wage and salary workers			Self-employed workers	Unpaid family workers
		Total	Private industries	Government		
TOTAL						
Mining	569	554	552	2	15	-
Construction	7,943	6,430	5,952	479	1,496	16
Manufacturing	20,518	20,101	20,018	83	406	10
Durable goods	12,202	11,948	11,884	64	245	8
Nondurable goods	8,316	8,153	8,134	19	161	1
Transportation and public utilities	8,817	8,379	6,810	1,569	432	6
Wholesale and retail trade	26,497	24,690	24,577	113	1,760	47
Wholesale trade	4,956	4,648	4,633	15	304	5
Retail trade	21,541	20,043	19,944	98	1,456	43
Finance, insurance, and real estate	8,076	7,394	7,180	215	674	8
Services	45,043	40,819	30,865	9,954	4,189	35
Private households	936	928	928	-	7	-
Other service industries	44,107	39,891	29,937	9,954	4,182	35
Business, automobile, and repair	8,087	6,750	6,688	63	1,321	16
Personal, except private households	3,422	2,733	2,719	14	684	5
Entertainment and recreation	2,386	2,118	1,806	312	266	2
Professional	30,085	28,205	18,686	9,520	1,868	12
Hospitals	5,041	5,033	4,231	801	8	-
Health services, except hospitals	6,158	5,771	5,276	495	379	8
Educational	10,004	9,886	2,354	7,532	118	-
Social services	3,102	2,551	2,006	545	550	1
Other	5,781	4,966	4,819	146	812	3
Forestry and fisheries	127	84	38	46	43	-
i m i i	802	5,802	-	5,802	-	-
Men						
Mining	494	482	480	1	12	-
Construction	7,147	5,768	5,343	424	1,376	3
Manufacturing	13,950	13,686	13,631	55	258	5
Durable goods	8,926	8,742	8,698	45	180	4
Nondurable goods	5,023	4,944	4,933	11	78	1
Transportation and public utilities	6,293	5,945	4,833	1,112	344	3
Wholesale and retail trade	13,998	13,012	12,960	53	970	16
Wholesale trade	3,478	3,254	3,242	12	224	1
Retail trade	10,520	9,759	9,718	41	746	16
Finance, insurance, and real estate	3,359	2,908	2,803	105	450	1
Services	17,166	15,104	11,973	3,131	2,055	7
Private households	102	99	99	-	3	-
Other service industries	17,064	15,005	11,874	3,131	2,052	7
Business, automobile, and repair	5,111	4,247	4,214	34	860	4
Personal, except private households	1,261	1,037	1,031	6	223	-
Entertainment and recreation	1,335	1,171	978	193	163	1
Professional	9,255	8,485	5,619	2,866	768	1
Hospitals	1,203	1,198	940	259	5	-
Health services, except hospitals	1,282	1,073	965	109	208	-
Educational	3,185	3,154	879	2,275	31	-
Social services	598	575	429	147	22	-
Other	2,987	2,484	2,407	77	502	1
Forestry and fisheries	103	65	32	33	38	-
Public administration	3,228	3,228	-	3,228	-	-
Women						
Mining	75	72	71	1	3	-
Construction	796	663	609	54	120	13
Manufacturing	6,568	6,415	6,387	28	148	5
Durable goods	3,276	3,206	3,186	20	66	4
Nondurable goods	3,292	3,209	3,201	8	83	-
Transportation and public utilities	2,525	2,434	1,977	457	88	3
Wholesale and retail trade	12,499	11,878	11,617	61	790	31
Wholesale trade	1,478	1,394	1,391	3	79	4
Retail trade	11,021	10,284	10,226	57	710	27
Finance, insurance, and real estate	4,717	4,487	4,377	110	223	7
Services	27,877	25,715	18,892	6,823	2,134	28
Private households	834	830	830	-	4	-
Other service industries	27,043	24,885	18,063	6,823	2,129	28
Business, automobile, and repair	2,978	2,503	2,474	29	481	12
Personal, except private households	2,161	1,896	1,688	8	461	4
Entertainment and recreation	1,051	947	828	119	103	1
Professional	20,831	19,720	13,067	6,654	1,100	10
Hospitals	3,838	3,835	3,282	543	4	-
Health services, except hospitals	4,876	4,697	4,311	386	171	8
Educational	6,819	6,731	1,474	5,257	87	-
Social services	2,504	1,975	1,577	398	528	-
Other	2,794	2,482	2,412	70	310	2
Forestry and fisheries	25	19	6	13	5	-
Public administration	2,574	2,574	-	2,574	-	-

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

(In thousands)

Industry and sex	1996												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service		Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical	Private household	Other service ¹		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
TOTAL													
Agriculture	3,443	108	88	40	19	174	-	28	41	11	34	13	2,888
Mining	569	90	44	21	10	47	-	7	208	21	105	17	1
Construction	7,943	1,221	165	45	65	452	-	32	4,442	96	513	890	21
Manufacturing	20,518	2,840	1,882	631	766	2,033	-	264	3,814	6,350	767	1,069	101
Durable goods	12,202	1,690	1,204	425	337	1,131	-	144	2,677	3,561	425	518	90
Nondurable goods	8,316	1,150	678	206	429	903	-	120	1,137	2,789	342	551	11
Transportation and public utilities	8,817	1,159	529	332	288	2,319	-	251	1,185	132	2,126	489	7
Wholesale and retail trade	26,497	2,381	509	175	11,060	2,326	-	5,031	1,457	346	1,128	1,983	102
Wholesale trade	4,956	563	100	52	2,005	749	-	48	320	142	515	400	62
Retail trade	21,541	1,818	410	123	9,055	1,577	-	4,983	1,137	204	614	1,583	39
Finance, insurance, and real estate	8,076	2,274	271	162	2,052	2,744	-	298	165	15	13	28	54
Services	45,043	6,347	14,312	2,312	1,120	6,905	804	8,876	2,055	875	573	496	367
Private households	936	4	10	1	1	4	804	55	7	1	1	13	33
Other service industries	44,107	6,343	14,302	2,310	1,119	6,900	-	8,821	2,048	875	572	484	335
Professional services	30,085	3,853	12,592	1,941	204	5,090	-	5,340	417	190	301	88	69
Public administration	5,802	1,325	951	208	25	1,353	-	1,585	221	28	43	37	25
Men													
Agriculture	2,573	69	58	10	11	10	-	17	39	9	32	9	2,308
Mining	494	68	38	12	9	15	-	5	204	21	104	17	-
Construction	7,147	1,022	137	41	56	55	-	21	4,346	92	502	856	21
Manufacturing	13,950	1,937	1,442	476	499	645	-	194	3,201	3,957	727	772	99
Durable goods	8,926	1,180	1,006	340	247	383	-	111	2,252	2,514	408	396	88
Nondurable goods	5,023	757	437	136	252	262	-	83	949	1,442	320	376	10
Transportation and public utilities	6,293	741	406	273	171	958	-	133	1,111	110	1,942	441	7
Wholesale and retail trade	13,998	1,306	230	77	5,419	530	-	2,408	1,253	190	1,042	1,493	52
Wholesale trade	3,478	353	68	36	1,548	193	-	35	298	93	500	329	26
Retail trade	10,520	953	162	41	3,872	336	-	2,373	955	97	542	1,164	26
Finance, insurance, and real estate	3,359	1,092	134	67	1,164	446	-	205	154	10	13	25	48
Services	17,166	3,078	5,786	775	445	886	41	2,670	1,853	490	400	406	335
Private households	102	2	1	-	-	-	41	7	6	1	1	12	31
Other service industries	17,064	3,076	5,785	775	445	886	-	2,663	1,847	489	399	394	304
Professional services	9,255	1,601	4,748	497	57	506	-	1,136	352	92	144	63	60
Public administration	3,228	666	534	133	8	298	-	1,272	206	23	36	32	20
Women													
Agriculture	871	39	30	30	8	164	-	11	1	1	2	3	581
Mining	75	22	6	8	1	31	-	2	4	-	1	-	-
Construction	796	199	28	4	10	398	-	11	97	4	11	34	-
Manufacturing	6,568	903	440	155	267	1,388	-	70	613	2,393	39	297	2
Durable goods	3,276	510	198	85	90	748	-	33	425	1,047	17	122	2
Nondurable goods	3,292	393	242	70	177	640	-	37	188	1,346	23	175	1
Transportation and public utilities	2,525	419	123	59	117	1,362	-	118	74	22	184	48	-
Wholesale and retail trade	12,499	1,076	280	98	5,641	1,796	-	2,623	204	156	86	490	50
Wholesale trade	1,478	211	32	16	457	556	-	13	22	49	15	72	36
Retail trade	11,021	865	248	83	5,183	1,240	-	2,610	182	107	71	418	14
Finance, insurance, and real estate	4,717	1,182	136	95	888	2,298	-	93	11	5	-	2	6
Services	27,877	3,269	8,526	1,537	674	6,019	764	6,206	201	385	173	90	33
Private households	834	2	9	1	1	4	764	48	1	-	-	1	2
Other service industries	27,043	3,267	8,516	1,536	674	6,014	-	6,157	200	385	173	90	31
Professional services	20,831	2,252	7,845	1,443	147	4,584	-	4,203	65	98	158	26	10
Public administration	2,574	659	418	75	17	1,056	-	313	14	5	7	6	5

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

(In thousands)

Industry and sex	1996												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service		Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical	Private household	Other service ¹		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
White													
Agriculture	3,276	102	84	37	18	168	-	26	37	10	30	11	2,753
Mining	534	88	43	18	9	42	-	6	196	20	95	14	1
Construction	7,222	1,164	146	40	61	428	-	27	4,044	85	461	750	16
Manufacturing	17,389	2,660	1,661	531	718	1,754	-	192	3,301	5,026	631	824	92
Durable goods	10,510	1,594	1,065	359	322	989	-	111	2,325	2,891	350	420	83
Nondurable goods	6,879	1,065	596	172	396	764	-	81	976	2,135	281	404	10
Transportation and public utilities	7,206	1,026	453	304	235	1,803	-	183	1,029	104	1,711	352	6
Wholesale and retail trade	22,885	2,064	457	152	9,623	2,059	-	4,237	1,305	293	975	1,628	91
Wholesale trade	4,404	504	88	43	1,859	667	-	39	278	115	439	316	56
Retail trade	18,481	1,559	368	109	7,764	1,392	-	4,198	1,027	178	537	1,312	35
Finance, insurance, and real estate	7,010	2,015	234	141	1,890	2,262	-	238	138	13	12	19	48
Services	37,882	5,617	12,454	1,938	948	5,805	637	6,628	1,785	697	464	388	322
Private households	734	4	7	-	-	4	637	32	6	-	1	11	30
Other service industries	36,948	5,613	12,447	1,937	947	5,801	-	6,596	1,779	696	463	377	292
Professional services	25,214	3,390	10,967	1,632	176	4,265	-	3,905	357	153	241	73	56
Public administration	4,603	1,071	778	173	16	1,002	-	1,273	185	23	33	29	21
Black													
Agriculture	98	3	2	2	-	4	-	1	1	1	3	-	80
Mining	26	1	-	-	1	4	-	1	8	1	9	2	-
Construction	527	24	10	4	3	14	-	4	292	9	43	119	5
Manufacturing	2,145	86	74	49	32	201	-	54	339	983	119	201	7
Durable goods	1,088	42	34	23	7	94	-	27	212	499	67	77	5
Nondurable goods	1,057	44	40	26	25	107	-	27	127	484	52	124	1
Transportation and public utilities	1,287	87	45	16	40	411	-	53	122	24	373	117	-
Wholesale and retail trade	2,335	166	21	13	913	180	-	510	88	41	124	272	6
Wholesale trade	335	23	5	5	65	48	-	6	25	21	64	71	4
Retail trade	1,999	143	17	9	848	133	-	504	63	20	60	201	2
Finance, insurance, and real estate	738	165	19	13	105	345	-	53	21	2	1	8	6
Services	5,430	494	1,188	248	119	847	139	1,875	171	127	90	99	33
Private households	166	-	-	1	-	-	139	21	-	-	-	2	2
Other service industries	5,263	494	1,188	248	119	847	-	1,854	170	127	90	97	31
Professional services	3,703	334	1,070	216	19	644	-	1,264	46	31	53	14	12
Public administration	957	193	130	23	6	285	-	272	26	5	9	6	2

¹ Includes protective service, not shown separately.

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

(Numbers in thousands)

Industry	1996			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Total, 16 years and over	126,708	46.2	10.7	9.2
Agriculture	3,443	25.3	2.9	17.7
Agricultural production, crops	1,030	24.3	2.7	26.9
Agricultural production, livestock	1,217	25.0	.6	6.3
Veterinary services	198	74.8	2.5	2.6
Landscape and horticultural services	803	10.7	6.2	24.3
Agricultural services, n.e.c.	196	42.5	4.5	28.3
Mining	569	13.2	4.6	6.6
Metal mining	64	10.9	2.9	6.9
Coal mining	100	8.9	1.3	.8
Oil and gas extraction	303	15.0	4.1	7.9
Nonmetallic mining and quarrying, except fuel	102	13.6	10.4	8.1
Construction	7,943	10.0	6.6	10.4
Manufacturing	20,518	32.0	10.5	10.1
Durable goods	12,202	26.8	8.9	8.5
Lumber and wood products, except furniture	795	16.0	11.2	7.1
Logging	158	8.8	9.7	.5
Sawmills, planing mills, and millwork	403	17.7	12.3	5.8
Wood buildings and mobile homes	82	12.6	10.8	15.7
Miscellaneous wood products	153	21.0	10.0	12.8
Furniture and fixtures	661	28.1	8.5	9.9
Stone, clay, glass, and concrete products	607	21.9	9.0	8.5
Glass and glass products	203	25.0	8.1	5.3
Cement, concrete, gypsum, and plaster products	215	12.8	11.8	10.8
Structural clay, pottery, and related products	87	39.8	7.0	14.5
Miscellaneous nonmetallic mineral and stone products	103	20.0	6.5	5.1
Metal industries	2,090	20.1	9.3	10.3
Primary metal industries	785	15.0	11.8	8.4
Blast furnaces, steelworks, rolling, and finishing mills	347	11.5	14.6	7.7
Iron and steel foundries	97	10.2	11.4	7.7
Primary aluminum industries	165	16.3	8.5	7.6
Other primary metal industries	176	23.5	9.6	10.8
Fabricated metal industries	1,305	23.2	7.8	11.4
Cutlery, hand tools, and general hardware	148	38.0	6.2	10.3
Fabricated structural metal products	507	17.5	8.1	11.2
Screw machine products	69	27.9	5.3	10.1
Metal forging and stampings	131	23.6	4.8	8.3
Miscellaneous and not specified fabricated metal products	405	22.8	9.5	13.3
Machinery and computing equipment	2,410	24.4	6.4	6.4
Engines and turbines	57	22.8	6.7	4.0
Farm machinery and equipment	106	22.8	7.0	7.6
Construction and material handling machines	224	16.5	7.5	4.8
Metal working machinery	309	17.2	4.2	3.4
Computers and related equipment	520	36.0	8.2	6.0
Electrical machinery, equipment, and supplies	1,906	37.3	8.5	9.7
Household appliances	122	35.9	16.3	6.6
Radio, T.V., and communication equipment	442	37.1	8.7	12.2
Electrical machinery, equipment, and supplies, n.e.c. and not specified	1,342	37.5	7.7	9.2
Transportation equipment	2,308	23.2	11.7	6.7
Motor vehicles and motor vehicle equipment	1,305	23.8	15.0	4.6
Aircraft and parts	404	24.0	5.5	11.0
Ship and boat building and repairing	182	13.7	18.1	8.1
Guided missiles, space vehicles, and parts	313	25.3	3.9	9.6
Cycles and miscellaneous transportation equipment	76	22.5	5.2	7.7
Professional and photographic equipment, and watches	758	38.7	6.1	8.0
Scientific and controlling instruments	241	32.2	4.6	8.4
Medical, dental, and optical instruments and supplies	374	45.1	6.7	9.7
Photographic equipment and supplies	135	31.2	7.5	2.3
Toys, amusements, and sporting goods	158	48.0	9.2	13.3
Miscellaneous and not specified manufacturing industries	508	40.5	9.0	15.2

See footnotes at end of table.

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

(Numbers in thousands)

Industry	1996			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Nondurable goods	8,316	39.6	12.7	12.3
Food and kindred products	1,708	32.5	15.0	19.1
Meat products	461	35.9	23.8	27.0
Dairy products	125	23.6	10.0	11.5
Canned, frozen, and preserved fruits and vegetables	220	40.1	9.8	26.6
Grain mill products	145	30.2	6.9	6.3
Bakery products	219	32.4	15.9	13.6
Sugar and confectionary products	98	40.7	15.2	18.7
Beverage industries	232	20.5	11.5	11.7
Miscellaneous and not specified food and kindred products	208	33.5	12.2	21.5
Textile mill products	619	45.8	23.1	8.1
Knitting mills	97	67.7	19.1	15.9
Carpets and rugs	83	37.8	19.4	8.7
Yarn, thread, and fabric mills	364	42.8	24.9	6.3
Apparel and other finished textile products	954	70.1	14.6	24.5
Apparel and accessories, except knit	791	71.3	14.8	26.0
Miscellaneous fabricated textile products	163	64.5	14.0	17.5
Paper and allied products	668	25.4	12.4	8.7
Pulp, paper, and paperboard mills	275	17.4	11.2	4.0
Miscellaneous paper and pulp products	199	36.4	11.7	10.4
Paperboard containers and boxes	193	25.3	14.8	13.5
Printing, publishing, and allied products	1,846	43.5	8.0	6.2
Newspaper publishing and printing	478	49.0	10.5	5.4
Printing, publishing, and allied industries, except newspapers	1,369	41.5	7.2	6.5
Chemicals and allied products	1,309	31.6	10.9	9.2
Plastics, synthetics, and resins	169	22.6	10.8	15.8
Drugs	354	45.9	10.9	7.5
Soaps and cosmetics	164	47.0	12.2	12.9
Paints, varnishes, and related products	69	23.2	7.8	18.1
Industrial and miscellaneous chemicals	517	22.0	11.2	6.1
Petroleum and coal products	160	19.2	10.4	6.8
Petroleum refining	132	19.8	11.7	6.1
Rubber and miscellaneous plastics products	862	32.1	12.3	10.8
Tires and inner tubes	100	17.5	22.4	2.2
Other rubber products, and plastics footwear and belting	167	31.0	12.2	7.1
Miscellaneous plastics products	595	34.8	10.7	13.2
Leather and leather products	140	51.7	9.6	12.3
Footwear, except rubber and plastic	67	52.8	7.8	3.9
Transportation, communications, and other public utilities	8,817	28.6	14.6	8.2
Transportation	5,715	26.8	15.5	8.7
Railroads	281	8.7	14.2	5.3
Bus service and urban transit	558	32.0	28.2	9.8
Taxicab service	107	13.8	29.8	14.8
Trucking service	2,293	15.5	13.2	8.5
Warehousing and storage	163	33.4	17.7	13.1
U.S. Postal Service	872	37.9	21.7	7.3
Water transportation	182	22.3	8.4	11.8
Air transportation	818	33.4	12.0	7.8
Services incidental to transportation	431	60.3	5.3	11.0
Communications	1,614	44.3	14.4	6.8
Radio and television broadcasting and cable	443	38.9	15.2	7.9
Telephone communications	1,147	46.3	14.3	6.2
Utilities and sanitary services	1,489	18.5	11.3	7.5
Electric light and power	619	18.5	8.4	5.0
Gas and steam supply systems	182	22.6	8.2	6.0
Electric and gas, and other combinations	144	24.7	12.3	7.4
Water supply and irrigation	222	19.7	9.9	13.6
Sanitary services	304	10.5	18.8	9.0

See footnotes at end of table.

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

(Numbers in thousands)

Industry	1996			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Wholesale and retail trade	26,497	47.2	8.8	10.1
Wholesale trade	4,956	29.8	6.8	9.8
Durable goods	2,617	28.3	6.0	8.0
Motor vehicles and equipment	223	25.8	8.7	7.6
Furniture and home furnishings	108	34.4	4.3	10.0
Lumber and construction materials	212	21.7	4.8	7.7
Professional and commercial equipment and supplies	400	35.0	6.8	6.9
Metals and minerals, except petroleum	71	26.2	13.9	9.3
Electrical goods	322	30.8	4.7	7.3
Hardware, plumbing and heating supplies	268	24.9	4.7	5.7
Machinery, equipment, and supplies	648	27.3	4.4	6.0
Scrap and waste materials	238	19.0	8.6	19.6
Miscellaneous wholesale trade, durable goods	126	42.6	6.6	6.3
Nondurable goods	2,339	31.5	7.7	11.7
Paper and paper products	139	43.1	6.0	6.3
Drugs, chemicals, and allied products	202	46.9	7.8	7.0
Apparel, fabrics, and notions	146	49.3	8.6	18.3
Groceries and related products	957	25.5	10.3	15.7
Farm products-raw materials	83	31.9	3.4	3.6
Petroleum products	130	26.9	5.0	5.1
Alcoholic beverages	125	15.5	5.9	10.8
Farm supplies	154	22.5	1.1	4.3
Miscellaneous nondurable goods and not specified wholesale trade	402	37.4	6.4	11.1
Retail trade	21,541	51.2	9.3	10.2
Lumber and building material retailing	552	28.1	4.7	6.3
Hardware stores	225	34.7	2.5	5.8
Retail nurseries and garden stores	142	34.3	3.7	13.2
Department stores	2,245	67.5	13.7	9.5
Variety stores	109	74.1	18.2	8.0
Miscellaneous general merchandise stores	184	55.1	13.8	10.8
Grocery stores	3,074	52.2	8.6	10.4
Retail bakeries	194	58.1	7.9	12.9
Food stores, n.e.c.	225	49.6	5.7	12.4
Motor vehicle dealers	1,221	20.6	5.9	8.6
Auto and home supply stores	451	19.6	7.1	10.9
Gasoline service stations	388	35.7	6.5	8.4
Miscellaneous vehicle dealers	109	19.8	2.8	2.4
Apparel and accessory stores, except shoe	778	77.2	12.1	9.1
Shoe stores	157	58.5	12.4	13.6
Furniture and home furnishings stores	612	37.0	7.1	9.3
Household appliance stores	95	28.9	6.0	5.9
Radio, TV, and computer stores	453	30.6	8.2	6.2
Music stores	135	38.9	10.2	8.3
Eating and drinking places	6,502	52.5	11.1	13.5
Drug stores	530	63.1	9.1	5.7
Liquor stores	140	38.7	8.0	5.7
Sporting goods, bicycles, and hobby stores	377	46.1	5.5	5.0
Book and stationery stores	287	54.5	6.2	4.4
Jewelry stores	175	62.2	1.7	8.5
Gift, novelty, and souvenir shops	195	79.7	5.2	6.3
Catalog and mail order houses	168	69.6	8.4	6.5
Vending machine operators	76	27.4	3.6	5.1
Direct selling establishments	393	72.3	8.4	12.2
Fuel dealers	127	24.6	3.0	4.7
Retail florists	197	73.7	2.3	7.3
Finance, insurance, and real estate	8,076	58.4	9.1	7.0
Banking	1,833	72.3	11.0	8.3
Savings institutions, including credit unions	260	79.6	6.1	6.7
Credit agencies, n.e.c.	571	60.4	12.1	5.0
Security, commodity brokerage, and investment companies	801	40.3	6.6	3.4
Insurance	2,412	61.0	9.4	5.7
Real estate, including real estate-insurance offices	2,198	47.5	7.8	9.3

See footnotes at end of table.

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

(Numbers in thousands)

Industry	1996			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Services	45,043	61.9	12.1	8.3
Private households	936	89.1	17.8	25.2
Other service industries	44,107	61.3	11.9	8.0
Business, automobile, and repair services	8,087	36.8	11.0	10.8
Advertising	276	55.1	4.1	6.1
Services to dwellings and other buildings	871	47.9	17.6	21.3
Personnel supply services	866	58.4	19.6	11.1
Computer and data processing services	1,340	33.0	7.6	4.2
Detective and protective services	540	22.7	22.6	8.2
Business services, n.e.c.	1,837	53.4	8.1	7.2
Automotive rental and leasing, without drivers	166	30.6	14.3	11.8
Automobile parking and carwashes	208	19.4	19.6	24.0
Automotive repair and related services	1,256	11.6	6.8	14.4
Electrical repair shops	124	24.6	5.7	15.5
Miscellaneous repair services	604	14.5	4.6	11.8
Personal services, except private household	3,422	63.2	13.4	13.5
Hotels and motels	1,374	55.2	16.4	18.2
Lodging places, except hotels and motels	130	45.3	5.7	4.2
Laundry, cleaning, and garment services	485	57.9	15.6	21.3
Beauty shops	855	89.5	10.7	7.8
Barber shops	85	23.7	28.3	8.2
Funeral service and crematories	94	28.0	10.1	4.1
Entertainment and recreation services	2,386	44.0	8.7	9.8
Theaters and motion pictures	649	40.0	9.8	10.8
Video tape rental	124	58.5	6.4	13.4
Bowling centers	55	42.2	2.1	2.4
Miscellaneous entertainment and recreation services	1,558	44.6	8.6	9.4
Professional and related services	30,085	69.2	12.3	6.5
Hospitals	5,041	76.1	16.5	6.7
Health services, except hospitals	6,158	79.2	13.8	6.4
Offices and clinics of physicians	1,501	74.2	4.5	6.3
Offices and clinics of dentists	614	80.5	3.1	5.2
Offices and clinics of chiropractors	99	67.0	1.4	10.0
Offices and clinics of optometrists	78	63.9	2.3	6.5
Offices and clinics of health practitioners, n.e.c.	110	68.8	5.0	3.9
Nursing and personal care facilities	1,765	86.3	22.6	5.9
Health services, n.e.c.	1,990	78.0	17.8	7.3
Educational services	10,004	68.2	11.3	7.0
Elementary and secondary schools	6,711	74.9	11.8	7.5
Colleges and universities	2,787	52.2	10.7	6.0
Vocational schools	92	49.5	8.0	7.9
Libraries	165	77.7	12.1	3.6
Educational services, n.e.c.	249	67.5	6.4	5.1
Social services	3,102	80.7	17.3	8.6
Job training and vocational rehabilitation services	196	63.0	18.2	4.8
Child day care services	850	94.7	17.0	7.0
Family child care homes	493	98.4	8.9	10.0
Residential care facilities, without nursing	481	65.5	21.3	10.1
Social services, n.e.c.	1,082	71.7	19.5	9.3
Other professional services	5,781	48.3	6.1	4.3
Legal services	1,303	56.0	4.9	4.9
Museums, art galleries, and zoos	112	62.0	16.1	2.7
Labor unions	59	39.8	12.6	6.7
Religious organizations	894	47.9	8.0	4.9
Membership organizations, n.e.c.	349	68.5	10.1	5.8
Engineering, architectural, and surveying services	802	20.6	3.5	3.6
Accounting, auditing, and bookkeeping services	707	59.4	6.1	5.4
Research, development, and testing services	523	46.3	6.4	3.9
Management and public relations services	757	43.1	5.7	2.8
Miscellaneous professional and related services	275	54.8	3.0	2.3
Forestry and fisheries	127	19.3	1.8	10.4
Forestry	68	26.4	2.7	15.2
Fishing, hunting, and trapping	60	11.3	.9	5.0

See footnotes at end of table.

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

(Numbers in thousands)

Industry	1996			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Public administration	5,802	44.4	16.5	6.6
Executive and legislative offices	150	67.1	10.6	3.5
General government, n.e.c.	626	51.4	17.9	7.7
Justice, public order, and safety	2,299	32.1	15.6	7.2
Public finance, taxation, and monetary policy	365	62.6	16.5	4.3
Administration of human resources programs	836	66.6	23.2	6.9
Administration of environmental quality and housing programs	257	40.1	12.2	4.4
Administration of economic programs	571	45.4	14.3	5.6
National security and international affairs	696	38.2	14.8	6.3

NOTE: N.e.c. is an abbreviation for "not elsewhere classified" and designates broad categories of industries which cannot be more specifically identified. Generally, data for industries with fewer than

50,000 employed are not published separately but are included in the totals for the appropriate categories shown.

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

Hours of work	1996					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	120,940	3,262	117,678	100.0	100.0	100.0
1 to 34 hours	31,024	1,020	30,004	25.7	31.3	25.5
1 to 4 hours	1,295	78	1,216	1.1	2.4	1.0
5 to 14 hours	4,998	241	4,757	4.1	7.4	4.0
15 to 29 hours	15,423	483	14,940	12.8	14.8	12.7
30 to 34 hours	9,309	218	9,090	7.7	6.7	7.7
35 hours and over	89,916	2,242	87,674	74.3	68.7	74.5
35 to 39 hours	8,672	175	8,497	7.2	5.4	7.2
40 hours	42,992	692	42,299	35.5	21.2	35.9
41 hours and over	38,252	1,374	36,878	31.6	42.1	31.3
41 to 48 hours	14,059	256	13,803	11.6	7.8	11.7
49 to 59 hours	13,907	376	13,530	11.5	11.5	11.5
60 hours and over	10,286	742	9,544	8.5	22.8	8.1
Average hours, total at work	39.3	42.2	39.2	-	-	-
Average hours, persons who usually work full time	43.3	49.3	43.2	-	-	-

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

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

(Numbers in thousands)

Reason for working less than 35 hours	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	31,024	10,381	20,643	30,004	10,083	19,922
Economic reasons	4,315	1,442	2,874	4,123	1,352	2,772
Slack work or business conditions	2,388	1,162	1,226	2,263	1,098	1,165
Could only find part-time work	1,605	-	1,605	1,576	-	1,576
Seasonal work	123	81	42	91	60	31
Job started or ended during week	199	199	-	194	194	-
Noneconomic reasons	26,709	8,939	17,770	25,881	8,731	17,150
Child-care problems	810	65	745	797	65	732
Other family or personal obligations	5,469	706	4,763	5,296	689	4,607
Health or medical limitations	677	-	677	646	-	646
In school or training	6,026	88	5,938	5,874	83	5,792
Retired or Social Security limit on earnings	1,856	-	1,856	1,717	-	1,717
Vacation or personal day	3,319	3,319	-	3,260	3,260	-
Holiday, legal or religious	664	664	-	654	654	-
Weather-related curtailment	1,267	1,267	-	1,215	1,215	-
All other reasons	6,621	2,830	3,791	6,422	2,766	3,656
Average hours:						
Economic reasons	22.7	23.8	22.2	22.8	23.9	22.3
Noneconomic reasons	21.4	25.3	19.4	21.5	25.4	19.5

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

(Numbers in thousands)

Industry and class of worker	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	117,678	30,004	4,123	8,731	17,150	87,674	39.2	43.2
Wage and salary workers	109,178	27,172	3,659	8,134	15,379	82,006	39.2	42.9
Mining	528	40	5	27	9	488	49.0	49.6
Construction	6,204	1,213	315	567	331	4,991	40.7	42.4
Manufacturing	19,422	2,483	358	1,422	703	16,939	42.4	43.3
Durable goods	11,556	1,311	143	849	319	10,245	42.9	43.6
Nondurable goods	7,866	1,172	215	573	384	6,694	41.6	42.9
Transportation and public utilities	8,003	1,328	190	612	526	6,675	42.1	44.0
Wholesale and retail trade	23,805	8,163	1,249	1,220	5,693	15,642	37.0	43.5
Finance, insurance, and real estate	7,124	1,409	107	591	711	5,714	40.0	42.5
Service industries	38,517	11,505	1,388	2,980	7,137	27,013	37.6	42.4
Private households	891	520	98	42	379	371	28.8	42.4
All other industries	37,627	10,985	1,290	2,937	6,757	26,642	37.8	42.4
Public administration	5,575	1,030	47	714	269	4,544	40.4	41.6
Self-employed workers	8,378	2,766	458	591	1,716	5,612	39.6	46.6
Unpaid family workers	122	67	6	6	55	55	34.1	45.7

22. 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	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								
Total, 16 years and over	117,678	30,004	4,123	8,731	17,150	87,674	39.2	43.2
16 to 19 years	5,986	4,294	391	216	3,686	1,692	24.8	39.3
16 to 17 years	2,405	2,141	99	40	2,002	264	19.0	37.5
18 to 19 years	3,581	2,153	292	176	1,685	1,428	28.7	39.7
20 years and over	111,693	25,711	3,732	8,515	13,464	85,982	40.0	43.2
20 to 24 years	11,430	3,846	712	724	2,410	7,583	36.2	41.5
25 years and over	100,263	21,864	3,019	7,791	11,054	78,399	40.4	43.4
25 to 54 years	86,557	17,305	2,649	6,746	7,910	69,252	41.0	43.5
55 years and over	13,706	4,560	370	1,045	3,144	9,146	36.6	42.6
Men, 16 years and over	63,274	11,352	1,954	4,263	5,134	51,922	42.2	44.7
16 to 19 years	2,979	1,994	190	117	1,687	985	26.3	40.0
16 to 17 years	1,159	1,004	52	19	933	155	19.9	38.8
18 to 19 years	1,820	990	138	98	754	830	30.3	40.2
20 years and over	60,295	9,358	1,764	4,146	3,448	50,937	43.0	44.8
20 to 24 years	6,038	1,678	361	354	963	4,360	38.2	42.5
25 years and over	54,258	7,680	1,402	3,793	2,485	46,578	43.5	45.0
25 to 54 years	46,635	5,684	1,221	3,250	1,213	40,952	44.2	45.2
55 years and over	7,623	1,996	182	543	1,272	5,626	39.3	43.9
Women, 16 years and over	54,404	18,653	2,169	4,468	12,016	35,752	35.7	41.0
16 to 19 years	3,007	2,300	201	99	2,000	707	23.4	38.4
16 to 17 years	1,246	1,137	47	21	1,069	109	18.2	35.8
18 to 19 years	1,761	1,163	155	78	930	598	27.0	38.9
20 years and over	51,397	16,353	1,968	4,369	10,016	35,044	36.4	41.0
20 to 24 years	5,392	2,168	351	370	1,447	3,224	33.9	40.2
25 years and over	46,005	14,184	1,617	3,999	8,569	31,821	36.7	41.1
25 to 54 years	39,922	11,621	1,428	3,496	6,697	28,301	37.3	41.2
55 years and over	6,083	2,563	189	503	1,872	3,520	33.3	40.5
Race								
White, 16 years and over	99,745	25,761	3,299	7,341	15,121	73,984	39.3	43.4
Men	54,417	9,663	1,580	3,663	4,420	44,754	42.5	45.0
Women	45,328	16,098	1,719	3,678	10,701	29,231	35.5	41.1
Black, 16 years and over	12,836	3,058	624	1,068	1,366	9,777	38.3	41.1
Men	6,130	1,179	272	439	469	4,951	40.1	42.4
Women	6,706	1,879	352	630	898	4,827	36.6	39.9
Marital status								
Men, 16 years and over:								
Married, spouse present	39,302	5,185	829	2,705	1,651	34,117	44.0	45.4
Widowed, divorced, or separated	7,179	1,167	266	537	364	6,012	42.7	44.4
Single (never married)	16,793	5,000	859	1,021	3,119	11,793	37.7	42.9
Women, 16 years and over:								
Married, spouse present	29,739	10,200	916	2,507	6,778	19,539	35.7	40.8
Widowed, divorced, or separated	11,012	3,015	509	1,025	1,481	7,997	37.8	41.3
Single (never married)	13,653	5,438	745	936	3,757	8,216	34.0	41.0

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

(Numbers in thousands)

Occupation and sex	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 ¹	117,558	29,989	4,103	8,706	17,180	87,569	39.2	43.2	
Managerial and professional specialty	34,553	6,840	588	2,771	3,481	27,713	41.9	44.7	
Executive, administrative, and managerial	17,070	2,578	202	1,266	1,110	14,492	43.9	45.7	
Professional specialty	17,483	4,262	386	1,505	2,371	13,221	40.0	43.7	
Technical, sales, and administrative support	36,078	10,668	1,119	2,683	6,866	25,409	37.5	42.2	
Technicians and related support	3,773	863	78	330	456	2,910	39.1	41.9	
Sales occupations	14,789	4,535	578	767	3,190	10,254	38.7	44.9	
Administrative support, including clerical	17,516	5,270	463	1,587	3,220	12,246	36.1	40.2	
Service occupations	16,386	6,694	1,115	951	4,628	9,692	34.4	41.9	
Private household	771	454	80	36	337	317	28.5	42.2	
Protective service	2,094	358	38	137	183	1,736	42.4	44.9	
Service, except private household and protective	13,522	5,883	996	778	4,109	7,639	33.5	41.2	
Precision production, craft, and repair	13,075	2,044	482	1,061	502	11,030	41.8	43.0	
Operators, fabricators, and laborers	17,467	3,743	800	1,240	1,703	13,723	40.1	42.8	
Machine operators, assemblers, and inspectors	7,572	1,230	262	595	373	6,341	40.5	41.8	
Transportation and material moving occupations	5,052	922	188	302	432	4,130	43.2	45.9	
Handlers, equipment cleaners, helpers, and laborers	4,843	1,591	350	343	898	3,253	36.1	40.9	
Men, 16 years and over ¹	62,972	11,247	1,930	4,228	5,090	51,724	42.2	44.7	
Managerial and professional specialty	18,011	2,449	252	1,253	944	15,562	45.1	46.7	
Executive, administrative, and managerial	9,646	1,061	109	602	351	8,585	46.4	47.6	
Professional specialty	8,365	1,388	143	651	594	6,978	43.5	45.7	
Technical, sales, and administrative support	13,068	2,436	300	796	1,340	10,633	42.1	45.1	
Technicians and related support	1,806	272	26	152	94	1,533	41.8	43.2	
Sales occupations	7,556	1,353	166	351	836	6,203	43.5	47.0	
Administrative support, including clerical	3,707	811	107	292	411	2,896	39.3	42.3	
Service occupations	6,720	2,044	379	360	1,306	4,676	37.5	43.2	
Private household	40	25	6	3	17	15	26.0	(²)	
Protective service	1,739	249	23	109	117	1,489	43.7	45.6	
Service, except private household and protective	4,942	1,770	349	248	1,172	3,172	35.5	42.1	
Precision production, craft, and repair	11,923	1,777	437	956	383	10,146	42.1	43.2	
Operators, fabricators, and laborers	13,248	2,541	562	864	1,116	10,707	41.1	43.6	
Machine operators, assemblers, and inspectors	4,737	597	122	325	151	4,139	41.8	42.7	
Transportation and material moving occupations	4,591	719	161	269	289	3,871	44.1	46.2	
Handlers, equipment cleaners, helpers, and laborers	3,921	1,224	279	270	676	2,696	36.6	41.2	
Women, 16 years and over ¹	54,587	18,742	2,174	4,478	12,090	35,844	35.7	41.0	
Managerial and professional specialty	16,542	4,391	336	1,518	2,537	12,151	38.5	42.3	
Executive, administrative, and managerial	7,424	1,516	93	664	759	5,907	40.6	43.0	
Professional specialty	9,118	2,874	242	854	1,778	6,244	36.8	41.5	
Technical, sales, and administrative support	23,009	8,233	820	1,888	5,525	14,777	34.8	40.2	
Technicians and related support	1,967	591	52	177	362	1,376	36.6	40.4	
Sales occupations	7,233	3,182	412	416	2,354	4,051	33.6	41.7	
Administrative support, including clerical	13,809	4,460	356	1,295	2,809	9,349	35.2	39.6	
Service occupations	9,665	4,650	736	592	3,322	5,016	32.2	40.7	
Private household	731	428	74	34	320	302	28.7	42.3	
Protective service	355	108	15	28	65	246	36.0	40.9	
Service, except private household and protective	8,580	4,113	647	530	2,936	4,467	32.3	40.5	
Precision production, craft, and repair	1,152	267	44	105	119	884	38.5	41.2	
Operators, fabricators, and laborers	4,218	1,202	239	376	587	3,016	36.9	40.2	
Machine operators, assemblers, and inspectors	2,835	633	140	270	223	2,202	38.3	40.2	
Transportation and material moving occupations	461	203	27	33	143	258	34.1	41.5	
Handlers, equipment cleaners, helpers, and laborers	922	366	72	73	222	556	34.0	39.7	

¹ Excludes farming, forestry, and fishing occupations.

² Data not shown where base is less than 35,000.

24. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	1995	1996	1995	1996	1995	1996	1995	1996
Total, 16 years and over	3,983	3,880	5.6	5.4	3,421	3,356	5.6	5.4
Married, spouse present	1,424	1,322	3.3	3.0	1,296	1,211	3.9	3.6
Widowed, divorced, or separated	551	541	6.9	6.5	712	706	5.9	5.7
Single (never married)	2,007	2,016	10.1	10.0	1,413	1,439	9.1	9.1
White, 16 years and over	2,999	2,896	4.9	4.7	2,460	2,404	4.8	4.7
Married, spouse present	1,165	1,094	3.0	2.8	1,070	1,020	3.6	3.5
Widowed, divorced, or separated	428	408	6.4	5.9	526	506	5.5	5.2
Single (never married)	1,406	1,394	8.7	8.6	864	878	7.3	7.3
Black, 16 years and over	762	808	10.6	11.1	777	784	10.2	10.0
Married, spouse present	166	163	5.0	4.9	143	113	5.5	4.4
Widowed, divorced, or separated	100	117	9.3	10.5	155	169	7.5	7.8
Single (never married)	496	528	17.6	18.7	479	502	16.2	16.1
Total, 25 years and over	2,566	2,471	4.3	4.1	2,248	2,219	4.4	4.3
Married, spouse present	1,322	1,230	3.1	2.9	1,147	1,080	3.6	3.4
Widowed, divorced, or separated	531	511	6.8	6.4	651	655	5.6	5.5
Single (never married)	712	730	7.0	6.9	450	484	6.0	6.2
White, 25 years and over	1,982	1,885	3.8	3.6	1,659	1,622	3.9	3.8
Married, spouse present	1,082	1,016	2.9	2.7	946	910	3.4	3.2
Widowed, divorced, or separated	412	383	6.4	5.7	478	468	5.1	4.9
Single (never married)	488	485	6.0	5.8	235	243	4.4	4.4
Black, 25 years and over	441	476	7.5	8.0	462	480	7.3	7.4
Married, spouse present	152	152	4.8	4.7	125	98	5.0	4.0
Widowed, divorced, or separated	97	114	9.2	10.4	147	158	7.3	7.5
Single (never married)	191	210	11.9	12.8	190	223	10.6	11.5

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25. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	1995	1996	1995	1996	1995	1996	1995	1996
Total, 16 years and over ¹	7,404	7,236	5.6	5.4	5.6	5.4	5.6	5.4
Managerial and professional specialty	880	869	2.4	2.3	2.3	2.2	2.6	2.4
Executive, administrative, and managerial	420	431	2.4	2.4	2.2	2.3	2.6	2.5
Professional specialty	460	438	2.5	2.3	2.4	2.2	2.6	2.3
Technical, sales, and administrative support	1,744	1,766	4.5	4.5	3.8	3.8	4.8	4.8
Technicians and related support	113	114	2.8	2.8	2.7	2.7	2.9	2.9
Sales occupations	795	843	5.0	5.2	3.6	3.7	6.4	6.7
Administrative support, including clerical	836	810	4.3	4.2	4.8	4.6	4.2	4.1
Service occupations	1,378	1,334	7.5	7.2	7.5	7.3	7.6	7.2
Private household	99	79	10.7	9.0	17.4	14.1	10.4	8.7
Protective service	86	84	3.7	3.7	3.3	3.4	5.8	5.2
Service, except private household and protective	1,193	1,170	7.9	7.6	8.9	8.5	7.4	7.1
Precision production, craft, and repair	860	795	6.0	5.5	6.0	5.5	5.6	5.3
Mechanics and repairers	182	174	4.0	3.7	4.0	3.7	4.0	3.1
Construction trades	501	456	9.0	8.2	8.9	8.2	9.9	8.5
Other precision production, craft, and repair	177	165	4.2	4.0	3.9	3.6	5.4	5.3
Operators, fabricators, and laborers	1,618	1,570	8.2	7.9	7.8	7.5	9.6	9.3
Machine operators, assemblers, and inspectors	629	654	7.4	7.7	6.1	6.5	9.4	9.5
Transportation and material moving occupations	329	292	6.0	5.2	6.0	5.2	6.1	5.7
Handlers, equipment cleaners, helpers, and laborers	660	625	11.7	11.1	11.7	11.2	11.8	10.6
Construction laborers	179	158	18.7	16.3	18.1	16.3	32.7	16.1
Other handlers, equipment cleaners, helpers, and laborers	481	467	10.3	10.0	10.0	9.9	11.0	10.4
Farming, forestry, and fishing	311	293	7.9	7.6	7.5	7.4	9.4	8.5
No previous work experience	579	580	-	-	-	-	-	-
16 to 19 years	415	409	-	-	-	-	-	-
20 to 24 years	75	75	-	-	-	-	-	-
25 years and over	90	96	-	-	-	-	-	-

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

26. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	1995	1996	1995	1996	1995	1996	1995	1996
Total, 16 years and over	7,404	7,236	5.6	5.4	5.6	5.4	5.6	5.4
Nonagricultural private wage and salary workers	5,755	5,629	5.8	5.5	5.7	5.5	5.8	5.6
Mining	34	30	5.2	5.1	5.3	5.2	4.9	4.2
Construction	737	666	11.5	10.1	11.9	10.5	7.5	6.3
Manufacturing	1,030	1,013	4.9	4.8	4.2	4.2	6.5	6.2
Durable goods	534	563	4.4	4.5	3.9	4.2	5.7	5.4
Lumber and wood products	50	50	6.5	6.6	6.7	6.7	5.1	5.9
Furniture and fixtures	29	37	4.5	5.5	4.2	4.9	5.3	7.1
Stone, clay, and glass products	22	26	3.7	4.2	3.4	4.3	5.1	4.0
Primary metal industries	25	29	3.1	3.6	2.4	3.7	6.5	2.8
Fabricated metal products	67	73	4.9	5.5	4.1	5.1	7.8	6.8
Machinery, except electrical	78	85	3.2	3.4	2.8	3.1	4.7	4.6
Electrical machinery, equipment, and supplies	78	78	4.1	4.0	3.8	3.4	4.5	4.8
Transportation equipment	103	102	4.5	4.3	4.2	4.0	5.9	5.3
Automobiles	55	56	4.2	4.1	3.7	4.1	6.2	4.3
Other transportation equipment	48	46	4.9	4.6	4.8	3.9	5.5	6.7
Professional and photographic equipment	26	26	3.5	3.3	2.6	3.2	4.9	3.5
Other durable goods industries	56	57	8.3	8.4	7.6	8.0	9.3	9.4
Nondurable goods	496	450	5.7	5.2	4.6	4.1	7.2	6.9
Food and kindred products	116	132	6.5	7.2	5.2	5.5	9.0	10.6
Textile mill products	44	34	6.2	5.3	4.8	4.8	8.0	5.8
Apparel and other textile products	112	86	10.3	8.6	8.9	6.8	10.9	9.3
Paper and allied products	24	20	3.2	2.9	2.9	2.5	4.2	3.9
Printing and publishing	81	77	4.4	4.2	4.7	3.8	4.1	4.8
Chemicals and allied products	53	42	3.9	3.1	3.0	2.5	5.8	4.5
Rubber and miscellaneous plastics products	46	38	5.3	4.3	5.0	3.5	6.0	6.0
Other nondurable goods industries	20	21	5.1	5.7	4.7	5.3	5.7	6.5
Transportation and public utilities	314	291	4.5	4.1	4.4	4.1	4.5	4.2
Transportation	231	213	5.4	4.9	5.5	5.0	5.0	4.4
Communications and other public utilities	83	78	3.0	2.9	2.5	2.3	4.0	3.9
Wholesale and retail trade	1,682	1,679	6.5	6.4	5.9	5.7	7.2	7.1
Wholesale trade	212	184	4.4	3.8	3.7	3.2	5.9	5.1
Retail trade	1,471	1,495	7.0	7.0	6.6	6.5	7.4	7.4
Finance, insurance, and real estate	240	201	3.3	2.7	3.0	2.9	3.4	2.6
Service industries	1,718	1,751	5.4	5.4	5.7	5.6	5.3	5.2
Professional services	656	663	3.5	3.4	3.4	3.3	3.5	3.5
Other service industries	1,062	1,087	8.4	8.2	7.7	7.5	9.1	8.9
Agricultural wage and salary workers	225	213	11.1	10.2	10.6	10.2	12.7	10.3
Government, self-employed, and unpaid family workers	845	813	2.8	2.7	2.8	2.8	2.9	2.7
No previous work experience	579	580	-	-	-	-	-	-

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

(Numbers in thousands)

Reason	Total, 16 years and over		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	1995	1996	1995	1996	1995	1996	1995	1996
NUMBER OF UNEMPLOYED								
Total unemployed	7,404	7,236	3,239	3,146	2,819	2,783	1,346	1,306
Job losers and persons who completed temporary jobs	3,476	3,370	2,051	2,043	1,211	1,145	214	182
On temporary layoff	1,030	1,021	602	617	356	338	72	67
Not on temporary layoff	2,446	2,349	1,449	1,426	856	807	142	115
Permanent job losers	1,730	1,660	1,024	1,013	627	581	79	65
Persons who completed temporary jobs	716	689	425	413	228	226	63	50
Job leavers	824	774	356	322	366	361	102	91
Reentrants	2,525	2,512	775	731	1,135	1,156	615	625
New entrants	579	580	57	51	107	120	415	409
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs	46.9	46.6	63.3	64.9	43.0	41.1	15.9	13.9
On temporary layoff	13.9	14.1	18.6	19.6	12.6	12.1	5.4	5.1
Not on temporary layoff	33.0	32.5	44.7	45.3	30.4	29.0	10.5	8.8
Job leavers	11.1	10.7	11.0	10.2	13.0	13.0	7.6	6.9
Reentrants	34.1	34.7	23.9	23.2	40.3	41.5	45.7	47.8
New entrants	7.8	8.0	1.8	1.6	3.8	4.3	30.8	31.3
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers and persons who completed temporary jobs	2.6	2.5	3.0	3.0	2.1	2.0	2.8	2.3
Job leavers .....	.6	.6	.5	.5	.6	.6	1.3	1.2
Reentrants	1.9	1.9	1.2	1.1	2.0	2.0	7.9	8.0
New entrants .....	.4	.4	.1	.1	.2	.2	5.3	5.2

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

(Numbers in thousands)

Reason for unemployment	Total		White		Black		Hispanic origin	
	1995	1996	1995	1996	1995	1996	1995	1996
NUMBER OF UNEMPLOYED								
Total, 16 years and over	7,404	7,236	5,459	5,300	1,538	1,592	1,140	1,132
Job losers and persons who completed temporary jobs	3,476	3,370	2,710	2,580	584	652	559	547
On temporary layoff	1,030	1,021	856	859	117	125	163	166
Not on temporary layoff	2,446	2,349	1,854	1,722	467	527	397	381
Permanent job losers	1,730	1,660	1,352	1,253	290	341	271	254
Persons who completed temporary jobs	716	689	502	469	177	186	126	127
Job leavers	824	774	660	602	123	137	90	91
Reentrants	2,525	2,512	1,728	1,740	657	648	369	368
New entrants	579	580	361	378	174	155	122	127
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs	46.9	46.6	49.6	48.7	38.0	41.0	49.1	48.3
On temporary layoff	13.9	14.1	15.7	16.2	7.6	7.8	14.3	14.7
Not on temporary layoff	33.0	32.5	34.0	32.5	30.4	33.1	34.8	33.6
Job leavers	11.1	10.7	12.1	11.4	8.0	8.6	7.9	8.0
Reentrants	34.1	34.7	31.7	32.8	42.7	40.7	32.4	32.5
New entrants	7.8	8.0	6.6	7.1	11.3	9.7	10.7	11.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers and persons who completed temporary jobs	2.6	2.5	2.4	2.3	3.9	4.3	4.6	4.3
Job leavers .....	.6	.6	.6	.5	.8	.9	.7	.7
Reentrants	1.9	1.9	1.5	1.5	4.4	4.3	3.0	2.9
New entrants .....	.4	.4	.3	.3	1.2	1.0	1.0	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.

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

(Percent distribution)

Reason, sex, and age	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	7,236	100.0	36.4	31.6	32.0	14.6	17.4
Job losers and persons who completed temporary jobs	3,370	100.0	36.4	31.1	32.6	16.2	16.4
On temporary layoff	1,021	100.0	54.4	30.6	15.0	10.5	4.5
Not on temporary layoff	2,349	100.0	28.5	31.3	40.2	18.6	21.6
Permanent job losers	1,660	100.0	25.9	29.9	44.1	20.2	24.0
Persons who completed temporary jobs	689	100.0	34.7	34.5	30.8	14.9	15.9
Job leavers	774	100.0	42.0	32.8	25.2	12.5	12.7
Reentrants	2,512	100.0	34.6	31.3	34.1	13.8	20.3
New entrants	580	100.0	36.9	34.5	28.6	11.3	17.3
Men, 20 years and over	3,146	100.0	32.8	30.4	36.7	16.1	20.6
Job losers and persons who completed temporary jobs	2,043	100.0	34.0	31.4	34.6	16.8	17.8
On temporary layoff	617	100.0	50.9	31.8	17.3	12.3	5.1
Not on temporary layoff	1,426	100.0	26.7	31.2	42.1	18.8	23.3
Permanent job losers	1,013	100.0	24.4	29.6	46.0	20.0	26.0
Persons who completed temporary jobs	413	100.0	32.5	35.0	32.5	15.8	16.7
Job leavers	322	100.0	38.4	30.0	31.6	14.2	17.4
Reentrants	731	100.0	27.8	27.7	44.5	15.1	29.3
New entrants	51	100.0	21.9	33.8	44.3	13.6	30.7
Women, 20 years and over	2,783	100.0	36.1	31.2	32.7	14.8	18.0
Job losers and persons who completed temporary jobs	1,145	100.0	37.0	30.6	32.4	16.4	16.0
On temporary layoff	338	100.0	56.7	30.2	13.0	8.8	4.2
Not on temporary layoff	807	100.0	28.7	30.8	40.5	19.6	20.9
Permanent job losers	581	100.0	26.4	29.9	43.8	21.4	22.3
Persons who completed temporary jobs	226	100.0	34.8	33.2	32.0	14.9	17.1
Job leavers	361	100.0	41.5	34.3	24.2	12.6	11.6
Reentrants	1,156	100.0	33.9	31.1	35.0	14.2	20.9
New entrants	120	100.0	32.1	28.0	39.8	11.8	28.0
Both sexes, 16 to 19 years	1,306	100.0	45.6	35.4	19.0	10.3	8.7
Job losers and persons who completed temporary jobs	182	100.0	58.6	30.7	10.7	7.0	3.7
On temporary layoff	67	100.0	75.8	21.5	2.8	2.4	.4
Not on temporary layoff	115	100.0	48.7	36.0	15.2	9.6	5.7
Permanent job losers	65	100.0	46.0	35.6	18.4	11.2	7.3
Persons who completed temporary jobs	50	100.0	52.3	36.6	11.1	7.5	3.6
Job leavers	91	100.0	56.4	36.5	7.1	6.3	4.7
Reentrants	625	100.0	43.8	35.9	20.3	11.6	8.8
New entrants	409	100.0	40.2	36.4	23.4	10.9	12.5

30. Unemployed total and full-time workers by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	1995	1996	1995	1996	1995	1996	1995	1996
Total, 16 years and over	7,404	7,236	100.0	100.0	5,909	5,803	100.0	100.0
Less than 5 weeks	2,700	2,633	36.5	36.4	1,971	1,929	33.3	33.2
5 to 14 weeks	2,342	2,287	31.6	31.6	1,889	1,838	32.0	31.7
5 to 10 weeks	1,631	1,576	22.0	21.8	1,289	1,241	21.8	21.4
11 to 14 weeks	711	711	9.6	9.8	600	597	10.1	10.3
15 weeks and over	2,363	2,316	31.9	32.0	2,050	2,036	34.7	35.1
15 to 26 weeks	1,085	1,053	14.6	14.6	929	913	15.7	15.7
27 weeks and over	1,278	1,262	17.3	17.4	1,122	1,123	19.0	19.3
27 to 51 weeks	561	577	7.6	8.0	491	526	8.3	9.1
52 weeks and over	717	685	9.7	9.5	631	596	10.7	10.3
Average (mean) duration, in weeks	16.6	16.7	-	-	17.9	18.0	-	-
Median duration, in weeks	8.3	8.3	-	-	9.1	9.3	-	-

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

Characteristic	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		
TOTAL								
Total, 16 years and over	7,236	2,633	2,287	2,316	1,053	1,262	16.7	8.3
16 to 19 years	1,306	596	462	248	135	113	10.8	5.5
20 to 24 years	1,239	513	397	329	169	160	13.6	6.9
25 to 34 years	1,757	629	571	557	261	296	16.3	8.4
35 to 44 years	1,505	481	459	566	245	320	19.4	9.9
45 to 54 years	883	259	251	373	152	222	22.1	11.2
55 to 64 years	406	109	113	185	69	116	23.6	12.5
65 years and over	139	47	35	57	22	36	23.9	10.3
Men, 16 years and over								
16 to 19 years	733	330	262	141	72	69	11.2	5.7
20 to 24 years	675	276	214	185	92	93	14.1	7.2
25 to 34 years	903	310	299	294	139	154	16.9	8.9
35 to 44 years	786	236	236	313	137	176	20.4	10.6
45 to 54 years	484	129	132	223	89	135	24.7	12.9
55 to 64 years	223	58	58	107	37	70	25.6	13.4
65 years and over	76	24	18	34	13	21	25.3	11.8
Women, 16 years and over								
16 to 19 years	573	266	200	107	63	45	10.2	5.3
20 to 24 years	564	238	183	144	77	67	12.9	6.7
25 to 34 years	854	319	272	263	122	142	15.7	7.9
35 to 44 years	720	245	222	252	109	144	18.3	9.1
45 to 54 years	399	130	119	150	63	87	19.0	9.5
55 to 64 years	183	50	55	78	33	45	21.3	11.7
65 years and over	63	23	17	24	9	15	22.2	9.0
Race and Hispanic origin								
White, 16 years and over								
Men	2,896	1,065	905	925	424	502	17.0	8.3
Women	2,404	971	757	676	331	346	14.4	7.1
Black, 16 years and over								
Men	808	239	264	306	126	179	19.7	10.2
Women	784	239	258	287	120	167	19.0	9.7
Hispanic origin, 16 years and over								
Men	607	213	185	209	85	124	18.8	9.0
Women	525	191	159	175	82	93	16.3	8.6
Marital status								
Men, 16 years and over:								
Married, spouse present	1,322	431	391	500	227	273	19.3	9.8
Widowed, divorced, or separated	541	170	162	210	87	122	20.6	10.1
Single (never married)	2,016	762	666	588	265	323	15.9	7.8
Women, 16 years and over:								
Married, spouse present	1,211	473	370	368	170	198	15.5	7.5
Widowed, divorced, or separated	706	232	214	260	106	154	19.4	9.6
Single (never married)	1,439	566	483	390	198	192	14.0	7.3

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.

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

Occupation and industry	1996							Average (mean) duration	Median duration
	Thousands of persons					Weeks			
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over					
				Total	15 to 26 weeks	27 weeks and over			
OCCUPATION									
Managerial and professional specialty	869	299	255	316	139	177	18.3	9.3	
Technical, sales, and administrative support	1,766	655	553	558	263	295	15.9	8.1	
Service occupations	1,334	507	431	396	176	220	16.1	7.7	
Precision production, craft, and repair	795	286	246	262	118	144	17.6	8.6	
Operators, fabricators, and laborers	1,570	558	497	516	237	280	17.2	8.6	
Farming, forestry, and fishing	293	106	96	91	49	42	15.4	8.2	
INDUSTRY¹									
Agriculture	213	75	73	65	36	29	14.7	8.4	
Construction	684	255	221	208	103	105	15.6	8.0	
Manufacturing	1,020	335	311	374	168	207	18.4	9.6	
Durable goods	568	188	173	207	90	116	18.5	9.6	
Nondurable goods	453	147	138	168	77	90	18.4	9.7	
Transportation and public utilities	329	106	104	118	56	62	17.7	9.3	
Wholesale and retail trade	1,692	656	549	486	235	251	14.9	7.6	
Finance, insurance, and real estate	211	68	63	80	34	46	19.0	9.5	
Services	2,032	756	626	649	287	363	17.1	8.1	
Public administration	151	44	43	63	26	37	20.7	10.9	
No previous work experience	580	214	200	166	66	100	17.0	7.7	

¹ Includes wage and salary workers only.

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

Sex, age, and race	1996									
	Thousands of persons		Methods used as a percent of total jobseekers							Average number of methods used
	Total unemployed	Total job-seekers	Employer directly	Sent out resumes or filled out applications	Placed or answered ads	Friends or relatives	Public employment agency	Private employment agency	Other	
Total, 16 years and over	7,236	6,214	65.8	46.9	17.8	17.5	19.2	7.0	8.0	1.82
16 to 19 years	1,306	1,240	62.7	51.2	10.1	12.1	9.3	2.5	5.7	1.54
20 to 24 years	1,239	1,125	66.2	47.5	16.6	14.9	19.1	6.3	7.5	1.78
25 to 34 years	1,757	1,497	67.3	47.2	19.6	18.2	22.9	7.8	6.9	1.90
35 to 44 years	1,505	1,225	68.0	45.0	21.4	20.7	23.9	8.8	9.3	1.97
45 to 54 years	883	702	65.7	46.9	21.8	21.1	21.5	9.5	11.6	1.99
55 to 64 years	406	318	62.6	40.9	21.5	23.2	21.3	11.3	10.5	1.92
65 years and over	139	108	60.8	28.3	14.3	19.7	11.3	6.8	10.7	1.53
Men, 16 years and over	3,880	3,224	66.8	44.5	17.7	19.6	20.5	7.2	9.0	1.86
16 to 19 years	733	694	62.6	50.0	10.1	12.8	9.1	2.5	5.5	1.53
20 to 24 years	675	592	67.0	43.5	16.1	16.2	21.0	6.1	8.0	1.78
25 to 34 years	903	723	70.7	43.4	20.5	21.2	25.0	8.2	7.7	1.97
35 to 44 years	786	606	69.8	41.7	21.4	24.2	26.1	9.7	10.8	2.04
45 to 54 years	484	372	65.4	46.6	22.1	23.4	22.9	10.4	14.1	2.06
55 to 64 years	223	177	60.9	40.5	21.7	25.8	23.6	11.4	13.2	1.97
65 years and over	76	60	61.9	30.9	13.9	21.8	11.7	5.0	14.8	1.61
Women, 16 years and over	3,356	2,991	64.7	49.5	17.8	15.3	17.9	6.8	6.9	1.79
16 to 19 years	573	546	62.7	52.6	10.1	11.2	9.6	2.4	5.9	1.55
20 to 24 years	564	532	65.3	52.0	17.2	13.5	16.9	6.4	6.8	1.78
25 to 34 years	854	774	64.1	50.6	18.8	15.4	20.9	7.5	6.2	1.84
35 to 44 years	720	620	66.2	48.2	21.3	17.3	21.7	7.9	7.8	1.91
45 to 54 years	399	330	66.0	47.2	21.5	18.5	19.9	8.5	8.7	1.91
55 to 64 years	183	141	64.8	41.4	21.1	19.9	18.3	11.2	7.2	1.84
65 years and over	63	48	59.5	25.1	14.8	17.0	10.9	8.9	5.7	1.42
White, 16 years and over	5,300	4,441	65.6	47.9	18.3	17.9	18.0	6.9	8.9	1.84
Men	2,896	2,340	66.4	46.1	18.4	15.5	19.5	7.1	10.0	1.88
Women	2,404	2,102	64.8	50.0	18.2	20.1	16.3	6.6	7.6	1.79
Black, 16 years and over	1,592	1,467	66.3	45.3	15.9	15.1	23.3	7.5	5.3	1.79
Men	808	730	67.9	41.4	15.2	16.7	23.6	7.9	5.8	1.79
Women	784	736	64.7	49.1	16.6	13.5	23.0	7.0	4.8	1.79

NOTE: The jobseekers total is less than the total unemployed because it does not include persons on temporary layoff. The percent using each method will always total more than 100 because many jobseekers use more than one method.

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

Sex and reason	1996									
	Thousands of persons		Methods used as a percent of total jobseekers							Average number of methods used
	Total unemployed	Total job-seekers	Employer directly	Sent out resumes or filled out applications	Placed or answered ads	Friends or relatives	Public employment agency	Private employment agency	Other	
Total, 16 years and over	7,236	6,214	65.8	46.9	17.8	17.5	19.2	7.0	8.0	1.82
Job losers and persons who completed temporary jobs ¹	3,370	2,349	69.7	46.4	21.5	21.7	26.0	10.0	9.1	2.05
Job leavers	774	774	68.9	50.2	20.7	15.1	20.4	7.3	7.8	1.91
Reentrants	2,512	2,512	62.5	46.4	15.1	15.0	14.7	5.2	7.7	1.67
New entrants	580	580	59.9	47.2	10.0	14.6	9.9	2.2	5.3	1.49
Men, 16 years and over	3,880	3,224	66.8	44.5	17.7	19.6	20.5	7.2	9.0	1.86
Job losers and persons who completed temporary jobs ¹	2,158	1,502	69.9	43.4	20.8	22.8	26.4	9.7	10.3	2.04
Job leavers	372	372	69.2	47.5	21.0	18.9	22.6	7.9	8.1	1.96
Reentrants	1,076	1,076	63.4	44.0	14.6	16.6	14.4	5.1	8.5	1.67
New entrants	273	273	59.9	48.8	8.9	14.1	8.9	1.5	5.5	1.48
Women, 16 years and over	3,356	2,991	64.7	49.5	17.8	15.3	17.9	6.8	6.9	1.79
Job losers and persons who completed temporary jobs ¹	1,212	847	69.3	51.7	22.9	19.6	25.3	10.6	6.9	2.07
Job leavers	402	402	68.6	52.7	20.4	11.7	18.4	6.7	7.5	1.86
Reentrants	1,435	1,435	61.9	48.1	15.5	13.8	14.9	5.4	7.1	1.67
New entrants	307	307	59.9	45.7	11.0	15.0	10.8	2.8	5.1	1.50

¹ Data on the number of jobseekers and the jobsearch methods used exclude persons on temporary layoff.

NOTE: The jobseeker total is less than the total unemployed because it

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

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

(In thousands)

Category	Total		Age						Sex			
	1995	1996	16 to 24 years		25 to 54 years		55 years and over		Men		Women	
			1995	1996	1995	1996	1995	1996	1995	1996	1995	1996
Total not in the labor force	66,280	66,647	10,922	11,160	18,854	18,720	36,503	36,768	23,818	24,119	42,462	42,528
Do not want a job now ¹	60,610	61,197	8,807	9,110	16,246	16,205	35,557	35,882	21,536	21,929	39,074	39,267
Want a job ¹	5,670	5,451	2,115	2,050	2,608	2,514	947	886	2,282	2,190	3,388	3,261
Did not search for work in previous year	3,266	3,161	1,153	1,100	1,436	1,407	697	654	1,231	1,185	2,054	1,976
Searched for work in previous year ²	2,384	2,290	963	950	1,172	1,108	250	232	1,050	1,005	1,334	1,285
Not available to work now	791	732	397	365	350	328	45	40	302	277	490	455
Available to work now	1,593	1,558	566	585	822	780	205	192	749	728	844	830
Reason not currently looking:												
Discouragement over job prospects ³	410	397	108	115	231	225	72	58	245	233	166	164
Reasons other than discouragement	1,182	1,160	458	471	591	555	133	135	504	495	679	666
Family responsibilities	185	177	39	35	131	125	15	17	26	31	159	146
In school or training	245	257	199	211	44	43	2	3	131	138	114	119
Ill health or disability	131	121	19	22	84	73	28	27	60	49	71	72
Other ⁴	621	605	201	203	331	314	89	88	287	277	334	328

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

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

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

discrimination.

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

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

(Numbers in thousands)

Characteristic	Both sexes				Men				Women			
	Number		Rate ¹		Number		Rate ¹		Number		Rate ¹	
	1995	1996	1995	1996	1995	1996	1995	1996	1995	1996	1995	1996
AGE												
Total, 16 years and over ²	7,693	7,832	6.2	6.2	4,139	4,192	6.1	6.1	3,554	3,640	6.2	6.2
16 to 19 years	350	336	5.4	5.2	153	146	4.7	4.4	196	190	6.3	5.9
20 years and over	7,343	7,496	6.2	6.2	3,986	4,046	6.2	6.2	3,358	3,451	6.2	6.2
20 to 24 years	829	813	6.7	6.7	404	392	6.1	6.1	424	421	7.3	7.4
25 years and over	6,515	6,683	6.1	6.2	3,582	3,654	6.2	6.2	2,933	3,029	6.0	6.1
25 to 54 years	5,874	6,001	6.5	6.5	3,217	3,249	6.6	6.5	2,657	2,752	6.3	6.4
55 years and over	641	682	4.2	4.4	364	405	4.3	4.7	276	277	4.1	4.1
55 to 64 years	537	556	4.7	4.7	298	321	4.8	5.0	238	235	4.6	4.5
65 years and over	104	126	2.8	3.4	66	84	3.1	3.9	38	42	2.5	2.7
RACE AND HISPANIC ORIGIN												
White	6,764	6,867	6.4	6.4	3,650	3,686	6.3	6.3	3,114	3,181	6.4	6.5
Black	688	705	5.2	5.2	362	376	5.6	5.8	326	329	4.8	4.6
Hispanic origin	430	442	3.9	3.8	252	254	3.8	3.6	178	188	4.0	4.1
MARITAL STATUS												
Married, spouse present	4,398	4,471	5.9	6.0	2,683	2,696	6.4	6.4	1,715	1,775	5.3	5.5
Widowed, divorced, or separated	1,235	1,281	6.5	6.6	412	456	5.5	5.9	823	825	7.2	7.1
Single (never married)	2,061	2,080	6.5	6.4	1,044	1,040	5.9	5.8	1,016	1,040	7.2	7.2
FULL- OR PART-TIME STATUS												
Primary job full time, secondary job part time	4,446	4,380	-	-	2,664	2,608	-	-	1,781	1,772	-	-
Primary and secondary jobs both part time	1,693	1,714	-	-	533	531	-	-	1,160	1,183	-	-
Primary and secondary jobs both full time	257	244	-	-	185	175	-	-	72	69	-	-
Hours vary on primary or secondary job	1,262	1,457	-	-	740	857	-	-	521	600	-	-

¹ Multiple jobholders as a percent of all employed persons in specified group.

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

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.

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	1995	1996	1995	1996
SEX AND AGE				
Total, 16 years and over	89,282	90,918	\$479	\$490
Men, 16 years and over	51,222	51,895	538	557
16 to 24 years	6,118	5,976	303	307
25 years and over	45,104	45,919	588	599
Women, 16 years and over	38,060	39,023	406	418
16 to 24 years	4,366	4,307	275	284
25 years and over	33,695	34,715	428	444
RACE, HISPANIC ORIGIN, AND SEX				
White	74,874	76,151	494	506
Men	43,747	44,428	566	580
Women	31,127	31,724	415	428
Black	10,596	10,871	383	387
Men	5,279	5,316	411	412
Women	5,317	5,555	355	362
Hispanic origin	8,719	9,082	329	339
Men	5,597	5,831	350	356
Women	3,122	3,251	305	316

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

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

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	1995	1996	1995	1996
SEX AND AGE				
Total, 16 years and over	20,550	20,810	\$140	\$144
Men, 16 years and over	6,331	6,432	130	134
16 to 24 years	3,397	3,403	109	110
25 years and over	2,934	3,029	170	177
Women, 16 years and over	14,220	14,378	145	148
16 to 24 years	4,296	4,388	106	109
25 years and over	9,924	9,990	168	173
RACE, HISPANIC ORIGIN, AND SEX				
White	17,702	17,960	141	146
Men	5,312	5,410	128	134
Women	12,390	12,550	146	150
Black	2,035	2,006	135	132
Men	718	695	133	129
Women	1,317	1,311	135	134
Hispanic origin	1,668	1,711	139	139
Men	616	622	144	144
Women	1,052	1,089	136	137

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.

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

(Numbers in thousands)

Occupation	1996					
	Both sexes		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Total, 16 years and over	90,918	\$490	51,895	\$557	39,023	\$418
Managerial and professional specialty	27,222	718	13,934	852	13,288	616
Executive, administrative, and managerial	13,300	699	7,187	846	6,113	585
Administrators and officials, public administration	593	753	328	847	265	638
Administrators, protective services	54	621	35	(¹)	19	(¹)
Financial managers	567	782	253	979	314	635
Personnel and labor relations managers	120	781	60	1,150	60	658
Purchasing managers	126	799	67	976	58	659
Managers, marketing, advertising, and public relations	588	912	377	1,043	211	674
Administrators, education and related fields	550	804	258	956	292	657
Managers, medicine and health	607	685	157	988	450	610
Managers, food serving and lodging establishments	908	458	487	516	421	391
Managers, properties and real estate	314	548	141	620	173	481
Management-related occupations	3,622	622	1,519	749	2,103	567
Accountants and auditors	1,269	630	547	771	722	561
Underwriters	97	603	31	(¹)	66	588
Other financial officers	614	665	277	845	337	606
Management analysts	159	760	81	940	78	716
Personnel, training, and labor relations specialists	371	622	127	707	245	597
Buyers, wholesale and retail trade, except farm products	155	575	75	639	80	478
Construction inspectors	61	648	57	670	4	(¹)
Inspectors and compliance officers, except construction	232	695	152	750	80	606
Professional specialty	13,922	730	6,747	857	7,175	647
Engineers, architects, and surveyors	1,957	938	1,776	954	181	787
Architects	93	760	75	799	18	(¹)
Engineers	1,844	949	1,685	963	158	793
Aerospace engineers	73	1,097	70	1,099	3	(¹)
Chemical engineers	92	1,012	80	1,084	12	(¹)
Civil engineers	217	884	198	899	18	(¹)
Electrical and electronic engineers	567	994	521	1,002	46	(¹)
Industrial engineers	247	841	216	863	31	(¹)
Mechanical engineers	335	956	311	969	24	(¹)
Mathematical and computer scientists	1,192	883	826	929	366	790
Computer systems analysts and scientists	968	891	694	931	274	813
Operations and systems researchers and analysts	191	815	112	889	80	737
Natural scientists	462	762	325	822	137	674
Chemists, except biochemists	139	851	96	900	43	(¹)
Biological and life scientists	101	698	64	738	37	(¹)
Medical scientists	59	659	30	(¹)	30	(¹)
Health diagnosing occupations	489	1,090	336	1,256	153	763
Physicians	426	1,133	295	1,378	131	802
Health assessment and treating occupations	2,005	703	342	766	1,663	692
Registered nurses	1,410	697	120	729	1,290	695
Pharmacists	131	992	81	1,047	51	931
Dietitians	77	478	7	(¹)	69	484
Therapists	337	672	106	658	231	678
Respiratory therapists	76	636	36	(¹)	40	(¹)
Physical therapists	83	757	35	(¹)	48	(¹)
Speech therapists	68	689	5	(¹)	64	692
Physicians' assistants	51	806	28	(¹)	23	(¹)
Teachers, college and university	566	870	351	937	215	765
Teachers, except college and university	3,740	641	1,023	723	2,718	613
Teachers, prekindergarten and kindergarten	357	361	7	(¹)	350	358
Teachers, elementary school	1,617	662	278	719	1,339	648
Teachers, secondary school	1,101	697	498	760	603	643
Teachers, special education	301	646	46	(¹)	252	652
Counselors, educational and vocational	219	689	64	799	155	659
Librarians, archivists, and curators	139	654	28	(¹)	111	640
Librarians	123	660	21	(¹)	102	649
Social scientists and urban planners	278	673	127	736	152	642
Economists	123	715	53	871	69	654
Psychologists	124	633	53	668	71	589
Social, recreation, and religious workers	1,134	513	545	577	589	485
Social workers	641	524	204	591	437	507
Recreation workers	85	343	23	(¹)	62	314
Clergy	314	534	278	540	36	(¹)
Lawyers and judges	559	1,150	369	1,258	191	970
Lawyers	530	1,149	343	1,261	187	970

See footnotes at end of table.

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

(Numbers in thousands)

Occupation	1996					
	Both sexes		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Writers, artists, entertainers, and athletes	1,181	614	635	728	546	529
Technical writers	59	787	35	(¹)	23	(¹)
Designers	375	592	195	767	180	441
Actors and directors	75	620	44	(¹)	31	(¹)
Painters, sculptors, craft artists, and artist printmakers	91	517	52	532	39	(¹)
Editors and reporters	212	688	106	756	106	608
Public relations specialists	132	660	53	908	79	586
Technical, sales, and administrative support	26,116	441	9,988	567	16,128	394
Technicians and related support	3,215	573	1,662	650	1,553	498
Health technologists and technicians	1,172	482	263	537	909	470
Clinical laboratory technologists and technicians	296	520	87	578	209	508
Radiologic technicians	106	559	37	(¹)	70	557
Licensed practical nurses	294	468	14	(¹)	280	466
Engineering and related technologists and technicians	834	605	683	621	151	542
Electrical and electronic technicians	341	610	300	622	41	(¹)
Drafting occupations	209	601	166	608	43	(¹)
Surveying and mapping technicians	58	461	53	459	5	(¹)
Science technicians	221	519	140	598	81	443
Biological technicians	66	485	28	(¹)	39	(¹)
Chemical technicians	79	599	58	648	21	(¹)
Technicians, except health, engineering, and science	988	706	576	806	412	611
Airplane pilots and navigators	88	1,138	87	1,143	2	(¹)
Computer programmers	518	772	363	797	156	741
Legal assistants	245	549	36	(¹)	208	545
Sales occupations	9,041	474	5,114	589	3,927	353
Supervisors and proprietors	2,969	519	1,845	608	1,124	415
Sales representatives, finance and business services	1,583	607	866	727	717	485
Insurance sales	416	606	212	767	205	471
Real estate sales	306	605	149	695	157	510
Securities and financial services sales	273	747	179	977	94	541
Advertising and related sales	131	500	53	607	78	421
Sales occupations, other business services	457	582	273	631	184	486
Sales representatives, commodities, except retail	1,329	694	1,005	735	324	583
Sales workers, retail and personal services	3,136	299	1,390	386	1,746	259
Sales workers, motor vehicles and boats	251	593	230	597	22	(¹)
Sales workers, apparel	163	265	39	(¹)	123	260
Sales workers, furniture and home furnishings	119	403	77	406	42	(¹)
Sales workers, radio, television, hi-fi, and appliances	155	423	123	428	32	(¹)
Sales workers, hardware and building supplies	171	372	134	399	36	(¹)
Sales workers, parts	139	409	122	427	17	(¹)
Sales workers, other commodities	674	298	260	340	414	273
Sales counter clerks	84	303	37	(¹)	47	(¹)
Cashiers	1,215	247	289	274	926	240
Street and door-to-door sales workers	106	372	46	(¹)	60	398
Administrative support, including clerical	13,860	405	3,212	489	10,648	391
Supervisors	634	557	261	624	374	506
General office	356	541	121	638	235	503
Financial records processing	79	604	13	(¹)	66	576
Distribution, scheduling, and adjusting clerks	168	541	108	553	61	509
Computer equipment operators	332	430	139	538	194	401
Computer operators	329	433	139	538	191	403
Secretaries, stenographers, and typists	2,907	404	63	389	2,844	404
Secretaries	2,401	406	36	(¹)	2,365	406
Stenographers	55	412	6	(¹)	49	(¹)
Typists	451	395	21	(¹)	430	397
Information clerks	1,273	345	145	367	1,127	343
Interviewers	115	356	11	(¹)	104	364
Hotel clerks	73	267	20	(¹)	52	267
Transportation ticket and reservation agents	209	421	64	458	146	397
Receptionists	633	333	18	(¹)	615	333
Records processing, except financial	651	387	152	396	498	383
Order clerks	184	455	51	466	132	451
Personnel clerks, except payroll and timekeeping	58	445	11	(¹)	47	(¹)
File clerks	203	328	57	334	146	325
Records clerks	149	389	23	(¹)	126	383

See footnotes at end of table.

HOUSEHOLD DATA
ANNUAL AVERAGES

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

(Numbers in thousands)

Occupation	1996					
	Both sexes		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Financial records processing	1,503	403	166	439	1,338	400
Bookkeepers, accounting, and auditing clerks	1,081	399	110	450	971	396
Payroll and timekeeping clerks	145	444	16	(¹)	129	441
Billing clerks	141	397	20	(¹)	121	399
Billing, posting, and calculating machine operators	87	395	12	(¹)	75	391
Duplicating, mail and other office machine operators	60	362	22	(¹)	39	(¹)
Communications equipment operators	140	376	17	(¹)	123	367
Telephone operators	126	363	13	(¹)	112	359
Mail and message distributing	815	599	526	628	289	521
Postal clerks, except mail carriers	283	643	159	673	124	612
Mail carriers, postal service	284	678	207	684	76	646
Mail clerks, except postal service	151	339	80	383	72	314
Messengers	98	360	80	366	17	(¹)
Material recording, scheduling, and distributing clerks	1,642	412	953	444	689	379
Dispatchers	218	471	113	518	105	420
Production coordinators	191	517	89	618	101	462
Traffic, shipping, and receiving clerks	550	367	395	382	155	339
Stock and inventory clerks	432	429	245	470	188	366
Meter readers	53	434	43	(¹)	10	(¹)
Expeditors	137	361	43	(¹)	94	346
Adjusters and investigators	1,372	438	344	532	1,029	416
Insurance adjusters, examiners, and investigators	377	506	106	649	271	458
Investigators and adjusters, except insurance	763	415	184	486	579	400
Eligibility clerks, social welfare	103	455	14	(¹)	88	441
Bill and account collectors	129	407	39	(¹)	91	406
Miscellaneous administrative support occupations	2,531	369	426	426	2,105	358
General office clerks	510	372	108	423	402	361
Bank tellers	279	315	26	(¹)	253	313
Data-entry keyers	566	366	79	407	488	360
Statistical clerks	83	397	8	(¹)	74	392
Teachers' aides	331	273	29	(¹)	302	272
Service occupations	9,957	305	4,958	357	5,000	273
Private household	365	212	19	(¹)	346	213
Child care workers	136	198	2	(¹)	134	198
Cleaners and servants	214	220	16	(¹)	198	221
Protective services	1,902	538	1,627	562	275	439
Supervisors	176	742	159	773	18	(¹)
Police and detectives	93	793	81	845	12	(¹)
Firefighting and fire prevention	221	653	216	657	5	(¹)
Firefighting	208	658	204	661	4	(¹)
Police and detectives	939	606	797	616	141	520
Police and detectives, public service	549	667	481	679	68	617
Sheriffs, bailiffs, and other law enforcement officers	127	513	107	517	20	(¹)
Correctional institution officers	263	513	210	541	53	449
Guards	566	333	455	343	111	295
Guards and police, except public service	531	336	440	343	91	302
Service occupations, except private household and protective	7,690	285	3,312	304	4,379	272
Food preparation and service occupations	2,839	265	1,496	278	1,343	253
Supervisors	234	312	93	357	141	294
Bartenders	177	310	82	378	96	277
Waiters and waitresses	518	271	155	308	363	253
Cooks, except short order	1,221	264	792	279	430	242
Food counter, fountain, and related occupations	71	217	23	(¹)	49	(¹)
Kitchen workers, food preparation	105	264	36	(¹)	69	265
Waiters' and waitresses' assistants	208	259	124	239	84	278
Miscellaneous food preparation occupations	304	231	192	226	112	239
Health service occupations	1,688	299	231	342	1,457	293
Dental assistants	128	361	2	(¹)	126	359
Health aides, except nursing	237	314	50	355	187	306
Nursing aides, orderlies, and attendants	1,323	292	179	339	1,144	286
Cleaning and building service occupations	2,140	298	1,325	321	815	266
Supervisors	148	391	102	468	46	(¹)
Maids and housemen	455	264	96	300	359	253
Janitors and cleaners	1,476	301	1,069	313	407	272
Pest control	55	421	53	421	2	(¹)
Personal service occupations	1,024	291	260	360	764	276
Hairdressers and cosmetologists	274	292	32	(¹)	242	288
Attendants, amusement and recreation facilities	103	348	57	364	46	(¹)
Public transportation attendants	59	417	11	(¹)	48	(¹)

See footnotes at end of table.

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

(Numbers in thousands)

Occupation	1996					
	Both sexes		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Welfare service aides	57	285	10	(1)	46	(1)
Early childhood teachers' assistants	207	231	5	(1)	202	230
Precision production, craft, and repair	11,020	540	10,076	560	944	373
Mechanics and repairers	3,834	568	3,672	571	162	510
Supervisors	212	707	193	712	18	(1)
Mechanics and repairers, except supervisors	3,622	559	3,479	563	144	502
Vehicle and mobile equipment mechanics and repairers	1,443	524	1,432	524	11	(1)
Automobile mechanics	644	478	638	480	6	(1)
Bus, truck, and stationary engine mechanics	300	545	299	545	1	(1)
Aircraft engine mechanics	131	720	130	722	1	(1)
Automobile body and related repairers	144	463	141	459	3	(1)
Heavy equipment mechanics	144	613	144	613	-	-
Industrial machinery repairers	527	569	513	574	14	(1)
Electrical and electronic equipment repairers	607	645	533	669	74	542
Electronic repairers, communications and industrial equipment	146	602	139	609	8	(1)
Data processing equipment repairers	170	573	134	588	37	(1)
Telephone installers and repairers	163	717	138	746	25	(1)
Miscellaneous electrical and electronic equipment repairers	64	714	64	713	-	-
Heating, air conditioning, and refrigeration mechanics	244	543	240	544	4	(1)
Miscellaneous mechanics and repairers	784	557	745	569	39	(1)
Millwrights	86	669	85	665	1	(1)
Construction trades	3,653	516	3,585	518	68	389
Supervisors	438	662	429	667	10	(1)
Construction trades, except supervisors	3,215	502	3,157	503	58	388
Brickmasons and stonemasons	111	483	111	483	-	-
Carpet installers	51	402	51	402	-	-
Carpenters	804	475	795	476	9	(1)
Drywall installers	122	430	120	436	2	(1)
Electricians	647	611	633	612	14	(1)
Electrical power installers and repairers	125	710	125	710	-	-
Painters, construction and maintenance	270	381	254	392	17	(1)
Plumbers, pipefitters, steamfitters, and apprentices	434	586	427	586	7	(1)
Concrete and terrazzo finishers	66	467	65	461	1	(1)
Insulation workers	53	508	53	508	-	-
Roofers	127	363	127	363	-	-
Structural metalworkers	58	598	57	600	2	(1)
Extractive occupations	128	699	124	700	4	(1)
Precision production occupations	3,405	526	2,695	583	710	356
Supervisors	1,141	619	952	650	189	458
Precision metalworking occupations	865	581	798	595	66	367
Tool and die makers	132	716	129	714	2	(1)
Machinists	481	543	450	555	32	(1)
Sheet-metal workers	118	605	110	612	8	(1)
Precision woodworking occupations	81	395	71	409	10	(1)
Cabinet makers and bench carpenters	55	401	50	407	5	(1)
Precision textile, apparel, and furnishings machine workers	116	346	63	390	52	308
Precision workers, assorted materials	472	368	216	412	256	337
Optical goods workers	53	457	24	(1)	29	(1)
Electrical and electronic equipment assemblers	324	340	118	355	206	334
Precision food production occupations	350	354	240	392	109	310
Butchers and meat cutters	221	366	172	402	48	(1)
Bakers	98	327	60	347	38	(1)
Precision inspectors, testers, and related workers	135	572	113	603	23	(1)
Inspectors, testers, and graders	128	570	108	601	20	(1)
Plant and system operators	246	634	241	638	5	(1)
Water and sewage treatment plant operators	59	551	57	562	2	(1)
Stationary engineers	118	621	117	620	1	(1)
Operators, fabricators, and laborers	15,100	391	11,613	422	3,487	307
Machine operators, assemblers, and inspectors	7,100	380	4,527	437	2,573	307
Machine operators and tenders, except precision	4,605	372	2,918	427	1,686	300
Metalworking and plastic working machine operators	385	436	327	459	58	346
Punching and stamping press machine operators	94	418	76	448	18	(1)
Grinding, abrading, buffing, and polishing machine operators	125	408	106	428	19	(1)
Metal and plastic processing machine operators	157	401	126	416	31	(1)
Molding and casting machine operators	99	396	75	409	24	(1)
Woodworking machine operators	110	373	95	387	15	(1)
Sawing machine operators	73	355	64	368	9	(1)

See footnotes at end of table.

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

(Numbers in thousands)

Occupation	1996					
	Both sexes		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Printing machine operators	356	473	289	500	67	395
Printing press operators	281	484	250	502	31	(¹)
Textile, apparel, and furnishings machine operators	905	268	221	310	684	257
Winding and twisting machine operators	50	357	19	(¹)	31	(¹)
Textile sewing machine operators	535	254	91	287	444	249
Pressing machine operators	77	244	18	(¹)	59	230
Laundering and dry cleaning machine operators	128	254	38	(¹)	90	243
Machine operators, assorted materials	2,676	396	1,848	432	828	327
Packaging and filling machine operators	377	313	156	344	222	302
Mixing and blending machine operators	100	383	92	395	8	(¹)
Separating, filtering, and clarifying machine operators	56	609	53	608	3	(¹)
Painting and paint spraying machine operators	191	422	170	441	20	(¹)
Furnace, kiln, and oven operators, exc. food	56	510	52	512	4	(¹)
Slicing and cutting machine operators	157	359	112	407	45	(¹)
Photographic process machine operators	57	314	24	(¹)	32	(¹)
Fabricators, assemblers, and hand working occupations	1,783	403	1,247	448	536	320
Welders and cutters	555	478	525	482	30	(¹)
Assemblers	1,117	378	648	430	469	322
Production inspectors, testers, samplers, and weighers	712	379	361	471	351	323
Production inspectors, checkers, and examiners	513	407	254	499	259	346
Graders and sorters, except agricultural	144	265	65	279	79	258
Transportation and material moving occupations	4,254	476	3,982	486	272	350
Motor vehicle operators	3,052	473	2,836	484	216	345
Supervisors	73	583	60	634	14	(¹)
Truck drivers	2,396	481	2,314	485	82	359
Drivers-sales workers	146	506	139	515	6	(¹)
Bus drivers	287	396	184	468	103	329
Taxicab drivers and chauffeurs	119	374	109	381	10	(¹)
Transportation occupations, except motor vehicles	181	691	178	696	3	(¹)
Rail transportation	116	740	114	742	2	(¹)
Water transportation	65	586	64	592	1	(¹)
Material moving equipment operators	1,021	461	968	469	53	374
Operating engineers	226	516	219	518	7	(¹)
Crane and tower operators	76	552	74	558	2	(¹)
Excavating and loading machine operators	66	487	66	487	-	-
Industrial truck and tractor equipment operators	505	417	472	420	33	(¹)
Handlers, equipment cleaners, helpers, and laborers	3,747	330	3,105	343	642	295
Helpers, construction and extractive occupations	100	311	95	308	4	(¹)
Helpers, construction trades	91	308	87	305	4	(¹)
Construction laborers	698	372	676	377	22	(¹)
Freight, stock, and material handlers	1,200	327	957	340	243	288
Stock handlers and baggers	551	282	399	292	152	262
Machine feeders and offbearers	58	328	30	(¹)	28	(¹)
Garage and service station related occupations	122	276	119	275	4	(¹)
Vehicle washers and equipment cleaners	201	292	180	296	21	(¹)
Hand packers and packagers	219	310	95	316	124	302
Laborers, except construction	1,136	342	922	360	214	298
Farming, forestry, and fishing	1,502	294	1,326	300	176	255
Farm operators and managers	83	442	72	461	11	(¹)
Farm managers	64	493	55	520	8	(¹)
Other agricultural and related occupations	1,353	285	1,190	291	163	249
Farm occupations, except managerial	636	271	562	278	73	229
Farm workers	591	265	527	271	63	221
Related agricultural occupations	717	298	627	303	90	271
Supervisors, related agricultural	69	417	68	418	-	-
Groundskeepers and gardeners, except farm	542	294	520	294	21	(¹)
Animal caretakers, except farm	55	292	19	(¹)	36	(¹)
Graders and sorters, agricultural products	51	257	20	(¹)	31	(¹)
Forestry and logging occupations	57	443	55	440	2	(¹)

¹ Data not shown where base is less than 50,000.

- Dash represents zero or rounds to zero

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

(Numbers in thousands)

Characteristic	1995					1996				
	Total employed	Members of unions ¹		Represented by unions ²		Total employed	Members of unions ¹		Represented by unions ²	
		Total	Percent of employed	Total	Percent of employed		Total	Percent of employed	Total	Percent of employed
SEX AND AGE										
Total, 16 years and over	110,038	16,360	14.9	18,346	16.7	111,960	16,269	14.5	18,158	16.2
16 to 24 years	18,205	1,022	5.6	1,199	6.6	18,106	991	5.5	1,146	6.3
25 years and over	91,833	15,337	16.7	17,148	18.7	93,854	15,278	16.3	17,012	18.1
25 to 34 years	29,761	3,596	12.1	4,090	13.7	29,564	3,536	12.0	3,994	13.5
35 to 44 years	29,800	5,254	17.6	5,883	19.7	30,619	5,132	16.8	5,716	18.7
45 to 54 years	20,623	4,483	21.7	4,964	24.1	21,641	4,626	21.4	5,106	23.6
55 to 64 years	9,202	1,801	19.6	1,980	21.5	9,527	1,795	18.8	1,984	20.8
65 years and over	2,448	203	8.3	231	9.4	2,503	189	7.5	211	8.4
Men, 16 years and over	57,669	9,929	17.2	10,868	18.8	58,473	9,859	16.9	10,761	18.4
16 to 24 years	9,531	640	6.7	721	7.6	9,392	627	6.7	709	7.5
25 years and over	48,137	9,289	19.3	10,146	21.1	49,080	9,232	18.8	10,052	20.5
25 to 34 years	16,094	2,220	13.8	2,469	15.3	15,930	2,205	13.8	2,434	15.3
35 to 44 years	15,505	3,169	20.4	3,460	22.3	15,921	3,100	19.5	3,368	21.2
45 to 54 years	10,521	2,679	25.5	2,885	27.4	10,936	2,739	25.0	2,960	27.1
55 to 64 years	4,779	1,117	23.4	1,209	25.3	4,978	1,079	21.7	1,166	23.4
65 years and over	1,238	105	8.5	123	9.9	1,315	109	8.3	124	9.5
Women, 16 years and over	52,369	6,430	12.3	7,479	14.3	53,488	6,410	12.0	7,397	13.8
16 to 24 years	8,673	382	4.4	478	5.5	8,714	364	4.2	437	5.0
25 years and over	43,696	6,048	13.8	7,001	16.0	44,773	6,046	13.5	6,960	15.5
25 to 34 years	13,667	1,377	10.1	1,621	11.9	13,634	1,331	9.8	1,560	11.4
35 to 44 years	14,295	2,085	14.6	2,423	16.9	14,698	2,032	13.8	2,349	16.0
45 to 54 years	10,101	1,804	17.9	2,078	20.6	10,705	1,887	17.6	2,146	20.0
55 to 64 years	4,423	685	15.5	771	17.4	4,549	716	15.7	818	18.0
65 years and over	1,210	98	8.1	108	8.9	1,187	80	6.7	87	7.3
RACE, HISPANIC ORIGIN, AND SEX										
White, 16 years and over	92,760	13,149	14.2	14,747	15.9	94,306	13,232	14.0	14,761	15.7
Men	49,162	8,178	16.6	8,960	18.2	49,961	8,216	16.4	8,961	17.9
Women	43,598	4,971	11.4	5,787	13.3	44,345	5,016	11.3	5,800	13.1
Black, 16 years and over	12,644	2,519	19.9	2,819	22.3	12,909	2,441	18.9	2,733	21.2
Men	6,005	1,353	22.5	1,460	24.3	6,031	1,303	21.6	1,428	23.7
Women	6,639	1,167	17.6	1,358	20.5	6,878	1,138	16.5	1,305	19.0
Hispanic origin, 16 years and over	10,401	1,357	13.0	1,535	14.8	10,800	1,394	12.9	1,573	14.6
Men	6,223	871	14.0	969	15.6	6,455	881	13.7	971	15.0
Women	4,178	486	11.6	565	13.5	4,345	513	11.8	602	13.9
FULL- OR PART-TIME STATUS³										
Full-time workers	89,282	14,790	16.6	16,531	18.5	90,918	14,762	16.2	16,429	18.1
Part-time workers	20,550	1,537	7.5	1,781	8.7	20,810	1,477	7.1	1,697	8.2

¹ Data refer to members of a labor union or an employee association similar to a union.

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

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

number of multiple jobholders.

NOTE: Data refer to the sole or principal job of full- and part-time workers. Excluded are self-employed workers whose businesses are incorporated although they technically qualify as wage and salary workers. 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.

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

Characteristic	1995				1996			
	Total	Members of unions ¹	Repre- sented by unions ²	Non- union	Total	Members of unions ¹	Repre- sented by unions ²	Non- union
SEX AND AGE								
Total, 16 years and over	\$479	\$602	\$598	\$447	\$490	\$615	\$610	\$462
16 to 24 years	292	375	373	287	298	371	362	294
25 years and over	510	613	610	486	520	625	621	498
25 to 34 years	451	542	534	433	463	554	548	447
35 to 44 years	550	621	619	520	559	636	632	530
45 to 54 years	582	665	663	536	594	687	686	552
55 to 64 years	514	614	614	482	535	620	616	505
65 years and over	389	509	506	362	384	510	510	367
Men, 16 years and over	538	640	638	507	557	653	651	520
16 to 24 years	303	388	388	298	307	375	369	303
25 years and over	588	654	652	563	599	669	668	580
25 to 34 years	490	583	579	475	499	591	587	485
35 to 44 years	624	665	663	612	632	683	683	617
45 to 54 years	685	705	706	670	698	718	721	682
55 to 64 years	623	655	659	607	643	667	664	633
65 years and over	441	615	619	400	477	589	593	424
Women, 16 years and over	406	527	523	386	418	549	543	398
16 to 24 years	275	349	345	272	284	358	339	280
25 years and over	428	539	536	408	444	560	555	420
25 to 34 years	403	492	488	393	415	497	495	405
35 to 44 years	453	553	552	427	463	561	556	439
45 to 54 years	464	595	593	423	481	620	616	445
55 to 64 years	403	501	501	383	420	524	523	395
65 years and over	353	435	425	333	334	417	413	321
RACE, HISPANIC ORIGIN, AND SEX								
White, 16 years and over	494	621	616	466	506	635	630	480
Men	566	661	658	526	580	675	673	544
Women	415	551	546	395	428	572	564	408
Black, 16 years and over	383	503	500	348	387	507	502	356
Men	411	526	526	374	412	526	522	380
Women	355	473	468	325	362	485	480	336
Hispanic origin, 16 years and over	329	499	493	311	339	484	482	319
Men	350	528	523	321	356	511	511	330
Women	305	423	419	291	316	436	433	305

¹ Data refer to members of a labor union or an employee association similar to a union.

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

NOTE: Data refer to the sole or principal job of full-time workers.

Excluded are self-employed workers whose businesses are incorporated although they technically qualify as wage and salary workers. 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.

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

(Numbers in thousands)

Occupation and industry	1995					1996				
	Total employed	Members of unions ¹		Represented by unions ²		Total employed	Members of unions ¹		Represented by unions ²	
		Total	Percent of employed	Total	Percent of employed		Total	Percent of employed	Total	Percent of employed
OCCUPATION										
Managerial and professional specialty	29,827	4,116	13.8	4,909	16.5	30,942	4,196	13.6	4,977	16.1
Executive, administrative, and managerial	13,840	804	5.8	1,017	7.4	14,263	785	5.5	1,005	7.0
Professional specialty	15,987	3,312	20.7	3,892	24.3	16,679	3,410	20.4	3,972	23.8
Technical, sales, and administrative support	33,842	3,364	9.9	3,883	11.5	34,187	3,231	9.5	3,742	10.9
Technicians and related support	3,795	448	11.8	526	13.9	3,828	409	10.7	492	12.8
Sales occupations	12,427	561	4.5	651	5.2	12,658	541	4.3	616	4.9
Administrative support, including clerical	17,620	2,355	13.4	2,706	15.4	17,701	2,281	12.9	2,634	14.9
Service occupations	15,648	2,112	13.5	2,356	15.1	15,897	2,103	13.2	2,331	14.7
Protective service	2,236	900	40.2	978	43.7	2,154	852	39.5	909	42.2
Service, except protective service	13,412	1,213	9.0	1,378	10.3	13,743	1,251	9.1	1,421	10.3
Precision production, craft, and repair	11,563	2,692	23.3	2,866	24.8	11,615	2,648	22.8	2,804	24.1
Operators, fabricators, and laborers	17,304	3,983	23.0	4,229	24.4	17,428	4,000	23.0	4,201	24.1
Machine operators, assemblers, and inspectors	7,639	1,780	23.3	1,892	24.8	7,584	1,752	23.1	1,838	24.2
Transportation and material moving occupations	4,736	1,224	25.9	1,294	27.3	4,862	1,243	25.6	1,313	27.0
Handlers, equipment cleaners, helpers, and laborers	4,929	978	19.9	1,044	21.2	4,981	1,005	20.2	1,050	21.1
Farming, forestry, and fishing	1,855	91	4.9	104	5.6	1,892	92	4.9	104	5.5
INDUSTRY										
Agricultural wage and salary workers	1,575	33	2.1	43	2.7	1,710	32	1.9	37	2.2
Private nonagricultural wage and salary workers	90,121	9,400	10.4	10,318	11.4	92,059	9,385	10.2	10,293	11.2
Mining	609	84	13.8	88	14.4	538	76	14.1	81	15.0
Construction	5,135	908	17.7	963	18.8	5,387	994	18.5	1,033	19.2
Manufacturing	19,520	3,440	17.6	3,657	18.7	19,653	3,387	17.2	3,603	18.3
Durable goods	11,424	2,153	18.8	2,286	20.0	11,642	2,157	18.5	2,282	19.6
Nondurable goods	8,096	1,286	15.9	1,371	16.9	8,011	1,230	15.4	1,320	16.5
Transportation and public utilities	6,573	1,792	27.3	1,911	29.1	6,623	1,757	26.5	1,873	28.3
Transportation	3,957	1,065	26.9	1,118	28.3	4,006	1,080	27.0	1,136	28.4
Communications and public utilities	2,616	726	27.8	793	30.3	2,617	677	25.9	737	28.2
Wholesale and retail trade	23,028	1,401	6.1	1,550	6.7	23,638	1,331	5.6	1,471	6.2
Wholesale trade	4,251	283	6.6	319	7.5	4,357	271	6.2	292	6.7
Retail trade	18,777	1,118	6.0	1,231	6.6	19,280	1,059	5.5	1,179	6.1
Finance, insurance, and real estate	6,745	139	2.1	173	2.6	6,863	168	2.4	210	3.1
Services	28,511	1,636	5.7	1,976	6.9	29,357	1,672	5.7	2,024	6.9
Government workers	18,342	6,926	37.8	7,985	43.5	18,191	6,852	37.7	7,827	43.0

¹ Data refer to members of a labor union or an employee association similar to a union.

² Data refer to members of a labor union or an employee association similar to a union as well as workers who report no union affiliation but whose

jobs are covered by a union or an employee association contract.

NOTE: Data refer to the sole or principal job of full- and part-time workers. Excluded are self-employed workers whose businesses are incorporated although they technically qualify as wage and salary workers.

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

Occupation and industry	1995				1996			
	Total	Members of unions ¹	Repre- sented by unions ²	Non- union	Total	Members of unions ¹	Repre- sented by unions ²	Non- union
OCCUPATION								
Managerial and professional specialty	\$703	\$745	\$737	\$694	\$718	\$758	\$749	\$708
Executive, administrative, and managerial	684	727	722	681	699	742	745	694
Professional specialty	718	750	741	707	730	762	750	721
Technical, sales, and administrative support	426	522	516	414	441	532	524	427
Technicians and related support	558	629	619	542	573	664	661	554
Sales occupations	454	457	466	453	474	451	459	475
Administrative support, including clerical	399	517	510	383	405	524	516	389
Service occupations	299	484	477	275	305	490	484	282
Protective service	528	678	676	399	538	693	686	413
Service, except protective service	274	366	359	264	283	379	379	271
Precision production, craft, and repair	519	688	684	478	540	703	698	494
Operators, fabricators, and laborers	380	524	519	338	391	528	522	353
Machine operators, assemblers, and inspectors	368	509	504	328	380	512	508	345
Transportation and material moving occupations ...	476	612	606	420	476	610	601	425
Handlers, equipment cleaners, helpers, and laborers	319	480	473	297	330	481	477	308
Farming, forestry, and fishing	287	404	404	280	294	439	423	288
INDUSTRY								
Agricultural wage and salary workers	291	(³)	(³)	289	306	(³)	(³)	305
Private nonagricultural wage and salary workers	462	\$573	\$567	443	475	\$584	\$579	458
Mining	667	684	682	663	693	698	699	690
Construction	487	741	730	442	504	748	742	464
Manufacturing	494	548	544	479	507	560	558	494
Durable goods	517	576	573	503	533	588	587	517
Nondurable goods	454	506	504	438	466	510	507	453
Transportation and public utilities	590	676	673	545	596	680	676	555
Transportation	523	659	651	488	527	656	649	491
Communications and public utilities	675	690	690	661	693	707	705	684
Wholesale and retail trade	370	466	454	363	380	450	444	375
Wholesale trade	492	541	524	489	503	566	551	500
Retail trade	333	425	419	325	343	408	408	338
Finance, insurance, and real estate	501	477	490	502	521	534	533	520
Services	444	489	491	440	456	501	498	451
Government workers	575	638	633	500	592	657	651	519

¹ Data refer to members of a labor union or an employee association similar to a union.

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

³ Data not shown where base is less than 50,000.

NOTE: Data refer to the sole or principal job of full-time workers. Excluded are self-employed workers whose businesses are incorporated although they technically qualify as wage and salary workers.

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

(Numbers in thousands)

Age and sex	1996						
	Total employed	Absence rate ¹			Lost worktime rate ²		
		Total	Illness or injury	Other reasons	Total	Illness or injury	Other reasons
Total, 16 years and over	90,887	4.0	2.9	1.1	2.1	1.5	0.6
16 to 19 years	1,923	4.5	3.2	1.2	2.1	1.4	.7
20 to 24 years	8,376	4.2	2.9	1.3	2.1	1.3	.8
25 years and over	80,588	3.9	2.9	1.0	2.1	1.5	.5
25 to 54 years	71,667	3.9	2.8	1.1	2.0	1.5	.6
55 years and over	8,921	4.2	3.5	.7	2.4	2.2	.3
Men, 16 years and over	51,859	2.9	2.3	.6	1.5	1.3	.3
16 to 19 years	1,155	3.5	2.7	.8	1.5	1.2	.3
20 to 24 years	4,800	3.1	2.4	.7	1.5	1.2	.3
25 years and over	45,903	2.9	2.3	.6	1.5	1.3	.3
25 to 54 years	40,761	2.8	2.2	.6	1.5	1.2	.3
55 years and over	5,142	3.6	3.1	.5	2.2	1.9	.2
Women, 16 years and over	39,028	5.4	3.7	1.7	2.9	1.9	1.0
16 to 19 years	767	5.9	4.1	1.9	3.0	1.8	1.2
20 to 24 years	3,576	5.6	3.5	2.1	2.9	1.4	1.5
25 years and over	34,685	5.3	3.7	1.6	2.8	1.9	.9
25 to 54 years	30,906	5.4	3.6	1.7	2.8	1.8	1.0
55 years and over	3,779	5.1	4.2	.9	2.8	2.4	.4

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

rate is the ratio of workers with absences to total full-time wage and salary employment. The estimates of full-time wage and salary employment shown in this table do not match those in other tables because they exclude the incorporated self-employed and were not subject to the monthly compositing process that affects most annual averages produced from CPS data collected monthly from the full sample.

² Hours absent as a percent of hours usually worked.

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

(Numbers in thousands)

Occupation and industry	1996						
	Total employed	Absence rate ¹			Lost worktime rate ²		
		Total	Illness or injury	Other reasons	Total	Illness or injury	Other reasons
OCCUPATION							
Managerial and professional specialty	27,255	3.2	2.2	1.0	1.6	1.0	0.6
Executive, administrative, and managerial	13,332	3.0	2.0	1.0	1.6	1.0	.6
Professional specialty	13,923	3.4	2.3	1.0	1.7	1.1	.6
Technical, sales, and administrative support	26,032	4.3	3.1	1.3	2.2	1.5	.7
Technicians and related support	3,205	4.2	3.1	1.0	2.2	1.6	.6
Sales occupations	8,980	3.1	2.1	1.0	1.6	1.1	.5
Administrative support, including clerical	13,848	5.2	3.7	1.5	2.6	1.7	.8
Service occupations	9,892	4.8	3.7	1.1	2.7	2.0	.6
Precision production, craft, and repair	11,086	3.5	2.7	.7	1.9	1.6	.3
Operators, fabricators, and laborers	15,095	4.6	3.5	1.1	2.6	2.1	.5
Farming, forestry, and fishing	1,527	2.7	2.1	.6	1.6	1.3	.3
INDUSTRY							
Agricultural wage and salary workers	1,341	2.4	1.9	.5	1.5	1.3	.3
Private nonagricultural wage and salary workers	74,133	3.8	2.8	1.1	2.0	1.5	.6
Mining	526	3.0	2.5	.5	2.1	1.8	.3
Construction	4,950	3.3	2.5	.8	1.7	1.4	.3
Manufacturing	18,720	3.9	2.9	1.0	2.2	1.6	.5
Durable goods	11,286	3.8	2.9	1.0	2.1	1.6	.5
Nondurable goods	7,433	4.0	2.9	1.1	2.2	1.7	.6
Transportation and public utilities	5,925	3.6	2.8	.9	2.2	1.7	.5
Transportation	3,450	3.5	2.7	.8	2.2	1.8	.5
Communications and other public utilities	2,475	3.8	2.9	.9	2.2	1.6	.6
Wholesale and retail trade	15,971	3.6	2.6	1.0	1.9	1.4	.5
Wholesale trade	3,917	3.0	2.2	.8	1.6	1.2	.4
Retail trade	12,054	3.8	2.8	1.1	2.0	1.4	.5
Finance, insurance, and real estate	5,936	3.8	2.6	1.2	1.9	1.2	.7
Services	22,105	4.1	2.9	1.2	2.1	1.4	.7
Government workers	15,413	4.7	3.5	1.2	2.4	1.7	.6

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

rate is the ratio of workers with absences to total full-time wage and salary employment. The estimates of full-time wage and salary employment shown in this table do not match those in other tables because they exclude the incorporated self-employed and were not subject to the monthly compositing process that affects most annual averages produced from CPS data collected monthly from the full sample.

² Hours absent as a percent of hours usually worked.

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

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	1995	1996	Total		Employed		Unemployed			
			1995	1996	1995	1996	Number		Percent of labor force	
							1995	1996	1995	1996
VIETNAM-ERA VETERANS										
Total, 40 years and over	7,598	7,726	6,560	6,600	6,327	6,387	233	214	3.6	3.2
40 to 54 years	6,531	6,466	5,942	5,848	5,727	5,653	215	194	3.6	3.3
40 to 44 years	1,500	1,243	1,357	1,121	1,289	1,083	68	39	5.0	3.4
45 to 49 years	3,214	3,038	2,949	2,763	2,847	2,670	102	93	3.5	3.4
50 to 54 years	1,817	2,186	1,636	1,963	1,590	1,900	45	63	2.8	3.2
55 years and over	1,067	1,260	618	753	600	733	18	19	3.0	2.6
NONVETERANS										
Total, 40 to 54 years	17,254	18,342	15,516	16,567	14,945	15,957	571	610	3.7	3.7
40 to 44 years	8,048	8,562	7,430	7,897	7,153	7,593	277	303	3.7	3.8
45 to 49 years	5,205	5,807	4,688	5,265	4,527	5,075	161	190	3.4	3.6
50 to 54 years	4,001	3,973	3,398	3,405	3,265	3,288	133	117	3.9	3.4

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

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47. 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	
	1995	1996	1995	1996	1995	1996	1995	1996	1995	1996	1995	1996
Total, 40 to 54 years												
Civilian noninstitutional population	5,815	5,735	588	601	264	259	14,540	15,490	1,829	1,915	1,680	1,753
Civilian labor force	5,335	5,233	496	501	238	227	13,279	14,212	1,451	1,525	1,475	1,564
Employed	5,160	5,070	462	474	229	219	12,837	13,751	1,362	1,413	1,379	1,473
Unemployed	174	163	35	28	9	8	442	461	89	113	95	91
Unemployment rate	3.3	3.1	7.0	5.5	4.0	3.6	3.3	3.2	6.2	7.4	6.5	5.8
40 to 44 years												
Civilian noninstitutional population	1,288	1,055	176	154	76	75	6,828	7,260	848	885	759	835
Civilian labor force	1,178	955	150	136	69	67	6,389	6,795	702	729	694	760
Employed	1,126	925	137	127	65	63	6,175	6,564	655	672	651	714
Unemployed	52	30	14	8	4	4	214	231	47	57	42	46
Unemployment rate	4.4	3.1	9.1	6.1	6.3	5.3	3.3	3.4	6.7	7.8	6.1	6.1
45 to 49 years												
Civilian noninstitutional population	2,884	2,694	276	291	131	108	4,334	4,906	562	604	540	528
Civilian labor force	2,666	2,474	236	243	118	91	3,959	4,513	454	489	471	478
Employed	2,584	2,396	218	230	115	88	3,838	4,369	428	454	442	450
Unemployed	82	78	18	13	3	4	121	144	27	35	29	28
Unemployment rate	3.1	3.2	7.6	5.3	2.4	4.1	3.1	3.2	5.9	7.2	6.2	5.9
50 to 54 years												
Civilian noninstitutional population	1,642	1,987	137	156	58	76	3,378	3,324	420	426	382	391
Civilian labor force	1,491	1,804	110	123	51	69	2,931	2,904	295	307	310	325
Employed	1,451	1,749	107	116	49	68	2,824	2,818	279	287	286	310
Unemployed	40	55	3	7	2	1	107	87	16	20	24	16
Unemployment rate	2.7	3.0	2.6	5.4	4.4	1.4	3.6	3.0	5.3	6.6	7.7	4.9

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

**ESTABLISHMENT DATA
EMPLOYMENT
ANNUAL AVERAGES**

48. Employees on nonfarm payrolls by major industry and selected component groups

(In thousands)

Industry	1993	1994	1995	1996 ^a
Total	110,730	114,172	117,203	119,549
Total private	91,889	95,044	97,892	100,089
Goods-producing	23,352	23,908	24,206	24,258
Mining	610	601	580	570
Metal mining	49.8	48.6	50.6	51.6
Coal mining	108.6	111.8	105.5	99.6
Oil and gas extraction	349.8	336.5	317.9	310.7
Nonmetallic minerals, except fuels	101.5	103.6	105.8	107.9
Construction	4,668	4,986	5,158	5,405
General building contractors	1,119.5	1,188.2	1,200.4	1,229.1
Heavy construction, except building	712.6	739.6	750.5	764.2
Special trade contractors	2,835.6	3,058.4	3,206.8	3,412.1
Manufacturing	18,075	18,321	18,468	18,282
Durable goods	10,221	10,448	10,654	10,676
Lumber and wood products	709.1	754.3	764.2	763.6
Furniture and fixtures	486.9	504.6	508.7	500.6
Stone, clay, and glass products	517.0	531.6	538.1	536.4
Primary metal industries	683.1	697.7	710.4	705.2
Blast furnaces and basic steel products	240.3	239.2	240.7	237.5
Fabricated metal products	1,338.5	1,388.1	1,437.9	1,450.7
Industrial machinery and equipment	1,930.6	1,989.5	2,059.2	2,086.8
Computer and office equipment	363.4	354.2	351.0	358.6
Electronic and other electrical equipment	1,525.7	1,570.6	1,624.7	1,649.5
Electronic components and accessories	527.7	544.2	581.7	612.8
Transportation equipment	1,756.2	1,761.1	1,784.8	1,764.8
Motor vehicles and equipment	836.6	909.3	968.0	954.2
Aircraft and parts	542.0	481.5	449.1	454.2
Instruments and related products	895.5	861.1	836.8	832.4
Miscellaneous manufacturing	378.3	389.0	389.4	385.8
Nondurable goods	7,854	7,873	7,814	7,606
Food and kindred products	1,679.6	1,678.0	1,680.4	1,653.9
Tobacco products	43.7	42.9	41.9	40.7
Textile mill products	675.1	676.4	666.5	635.9
Apparel and other textile products	989.1	974.0	930.4	847.0
Paper and allied products	691.7	692.3	691.5	677.0
Printing and publishing	1,516.7	1,537.2	1,542.6	1,527.7
Chemicals and allied products	1,080.5	1,057.0	1,034.9	1,021.0
Petroleum and coal products	151.5	149.1	144.4	139.0
Rubber and misc. plastics products	909.0	953.1	975.6	968.0
Leather and leather products	117.2	112.9	105.6	95.8
Service-producing	87,378	90,264	92,997	95,291
Transportation and public utilities	5,829	5,993	6,165	6,318
Transportation	3,615	3,769	3,918	4,036
Railroad transportation	248.3	240.5	238.5	231.8
Local and interurban passenger transit	379.4	404.0	423.4	451.5
Trucking and warehousing	1,698.1	1,793.7	1,866.7	1,879.5
Water transportation	168.2	172.4	174.3	171.8
Transportation by air	740.1	753.0	787.5	847.2
Pipelines, except natural gas	18.4	17.1	14.9	14.0
Transportation services	362.5	388.7	412.8	439.9
Communications and public utilities	2,214	2,223	2,247	2,282
Communications	1,269.1	1,294.8	1,333.1	1,387.2
Electric, gas, and sanitary services	944.4	928.3	914.2	894.5
Wholesale trade	5,981	6,162	6,412	6,587
Durable goods	3,433	3,559	3,735	3,859
Nondurable goods	2,549	2,604	2,677	2,728

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
ANNUAL AVERAGES**

48. Employees on nonfarm payrolls by major industry and selected component groups—Continued

(In thousands)

Industry	1993	1994	1995	1996 ^p
Retail trade	19,773	20,507	21,173	21,591
Building materials and garden supplies	779.0	833.4	870.9	914.3
General merchandise stores	2,488.3	2,582.8	2,677.6	2,719.3
Department stores	2,140.1	2,246.1	2,347.5	2,397.9
Food stores	3,224.1	3,291.2	3,363.7	3,427.9
Automotive dealers and service stations	2,013.8	2,116.2	2,190.0	2,273.8
New and used car dealers	908.3	962.5	995.6	1,030.4
Apparel and accessory stores	1,143.6	1,144.0	1,126.6	1,101.6
Furniture and home furnishings stores	827.5	889.1	942.4	977.6
Eating and drinking places	6,821.4	7,077.8	7,350.0	7,484.6
Miscellaneous retail establishments	2,475.5	2,572.5	2,651.6	2,691.4
Finance, insurance, and real estate	6,757	6,896	6,830	6,977
Finance	3,238	3,299	3,238	3,325
Depository institutions	2,088.8	2,065.7	2,025.6	2,028.4
Commercial banks	1,497.2	1,484.3	1,467.1	1,471.5
Savings institutions	324.1	305.1	274.9	263.6
Nondepository institutions	454.9	490.6	462.3	512.8
Mortgage bankers and brokers	224.8	248.9	205.1	231.2
Security and commodity brokers	471.6	515.5	522.8	541.4
Holding and other investment offices	222.6	226.5	227.3	241.9
Insurance	2,197	2,236	2,238	2,260
Insurance carriers	1,529.0	1,551.9	1,541.2	1,550.2
Insurance agents, brokers, and service	668.0	683.6	696.8	709.2
Real estate	1,322	1,361	1,354	1,393
Services¹	30,197	31,579	33,107	34,360
Agricultural services	519.0	564.1	578.9	613.2
Hotels and other lodging places	1,595.7	1,630.9	1,657.2	1,681.7
Personal services	1,137.1	1,140.4	1,163.5	1,178.9
Business services	5,734.7	6,280.7	6,786.3	7,173.9
Services to buildings	823.0	857.3	881.5	892.1
Personnel supply services	1,906.1	2,271.7	2,475.3	2,633.3
Help supply services	1,669.2	2,017.1	2,189.3	2,331.4
Computer and data processing services	892.8	958.6	1,080.4	1,200.0
Auto repair, services, and parking	924.7	968.3	1,019.8	1,091.4
Miscellaneous repair services	348.5	338.2	355.8	364.7
Motion pictures	412.0	441.2	488.8	526.0
Amusement and recreation services	1,258.2	1,334.1	1,435.9	1,518.2
Health services	8,755.9	8,991.9	9,256.6	9,565.4
Offices and clinics of medical doctors	1,506.0	1,544.9	1,605.6	1,671.8
Nursing and personal care facilities	1,585.0	1,648.6	1,693.0	1,741.7
Hospitals	3,779.1	3,763.0	3,783.8	3,851.9
Home health care services	469.0	559.4	626.1	657.0
Legal services	924.0	924.0	922.5	931.8
Educational services	1,711.3	1,850.0	1,959.2	2,001.9
Social services	2,070.3	2,199.7	2,332.6	2,394.9
Child day care services	473.4	515.1	563.5	571.7
Residential care	567.2	603.8	640.1	665.4
Museums and botanical and zoological gardens	75.5	78.6	80.4	84.6
Membership organizations	2,034.6	2,081.5	2,131.8	2,145.6
Engineering and management services	2,520.9	2,578.5	2,747.4	2,894.5
Engineering and architectural services	757.1	778.3	814.1	843.5
Management and public relations	688.4	718.7	817.0	904.7
Services, nec	40.8	41.1	44.1	45.7
Government	18,841	19,128	19,310	19,459
Federal	2,915	2,870	2,822	2,757
Federal, except Postal Service	2,127.5	2,052.8	1,978.3	1,900.3
State	4,488	4,576	4,642	4,645
Education	1,834.1	1,881.9	1,931.0	1,959.6
Other State government	2,653.7	2,693.5	2,710.8	2,685.2
Local	11,438	11,682	11,847	12,058
Education	6,352.9	6,479.0	6,603.0	6,739.7
Other local government	5,085.1	5,202.5	5,243.9	5,318.0

¹ Includes other industries, not shown separately.

^p = 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
ANNUAL AVERAGES**

49. Production or nonsupervisory workers¹ on private nonfarm payrolls by major industry and manufacturing group

(In thousands)

Industry	1993	1994	1995	1996 ^p
Total private	74,777	77,610	80,123	81,991
Goods-producing	16,361	16,918	17,202	17,239
Mining	431	427	424	424
Construction	3,589	3,858	3,992	4,190
Manufacturing	12,341	12,632	12,787	12,625
Durable goods	6,849	7,104	7,298	7,309
Lumber and wood products	583.8	622.9	628.3	627.9
Furniture and fixtures	384.7	399.6	402.3	395.9
Stone, clay, and glass products	398.6	410.7	416.8	417.3
Primary metal industries	520.3	536.9	551.5	549.4
Blast furnaces and basic steel products	183.2	182.1	183.9	182.5
Fabricated metal products	988.1	1,037.2	1,080.4	1,089.9
Industrial machinery and equipment	1,169.5	1,233.0	1,289.0	1,301.5
Electronic and other electrical equipment	974.5	1,010.4	1,044.8	1,049.7
Transportation equipment	1,120.0	1,154.3	1,195.9	1,192.9
Motor vehicles and equipment	642.0	703.9	758.9	753.3
Instruments and related products	438.2	422.1	413.7	412.6
Miscellaneous manufacturing	270.9	276.8	275.3	272.0
Nondurable goods	5,492	5,528	5,489	5,316
Food and kindred products	1,227.8	1,230.9	1,238.0	1,222.2
Tobacco products	32.8	33.0	31.9	31.4
Textile mill products	574.5	574.5	563.1	538.2
Apparel and other textile products	828.6	814.7	771.6	694.7
Paper and allied products	521.6	524.2	524.5	514.0
Printing and publishing	838.5	845.5	846.1	834.0
Chemicals and allied products	572.6	577.5	578.0	567.2
Petroleum and coal products	98.9	96.6	93.3	90.1
Rubber and misc. plastics products	703.3	741.8	759.5	750.4
Leather and leather products	93.7	89.6	82.8	74.0
Service-producing	58,416	60,692	62,922	64,751
Transportation and public utilities	4,878	5,015	5,164	5,311
Wholesale trade	4,823	4,972	5,191	5,325
Retail trade	17,428	18,056	18,624	18,985
Finance, insurance, and real estate	4,908	5,018	4,978	5,091
Services	26,380	27,632	28,965	30,039

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

^p = preliminary.

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS
ANNUAL AVERAGES**

50. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry and manufacturing group

Industry	Average weekly hours				Average hourly earnings				Average weekly earnings			
	1993	1994	1995	1996 ^p	1993	1994	1995	1996 ^p	1993	1994	1995	1996 ^p
Total private	34.5	34.7	34.5	34.4	\$10.83	\$11.12	\$11.44	\$11.82	\$373.64	\$385.86	\$394.68	\$406.61
Goods-producing	40.9	41.4	41.0	41.0	12.37	12.71	13.04	13.47	505.93	526.19	534.64	552.27
Mining	44.3	44.8	44.7	45.3	14.60	14.88	15.30	15.60	646.78	666.62	683.91	706.68
Construction	38.5	38.9	38.8	38.9	14.38	14.73	15.08	15.43	553.63	573.00	585.10	600.23
Manufacturing	41.4	42.0	41.6	41.6	11.74	12.07	12.37	12.78	486.04	506.94	514.59	531.65
<i>Overtime hours</i>	4.1	4.7	4.4	4.5	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Durable goods	42.1	42.9	42.4	42.4	\$12.33	\$12.68	\$12.94	\$13.34	\$519.09	\$543.97	\$548.66	\$565.62
<i>Overtime hours</i>	4.3	5.0	4.7	4.8	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Lumber and wood products	40.8	41.2	40.6	40.8	\$9.61	\$9.84	\$10.12	\$10.44	\$392.09	\$405.41	\$410.87	\$425.95
Furniture and fixtures	40.1	40.4	39.6	39.4	9.27	9.55	9.82	10.15	371.73	385.82	388.87	399.91
Stone, clay, and glass products	42.7	43.4	43.0	43.3	11.85	12.13	12.41	12.81	506.00	526.44	533.63	554.67
Primary metal industries	43.7	44.7	44.0	44.1	13.99	14.34	14.62	14.99	611.36	641.00	643.28	661.06
Blast furnaces and basic steel products	44.1	44.9	44.4	44.5	16.36	16.85	17.35	17.85	721.48	756.57	770.34	794.33
Fabricated metal products	42.1	42.9	42.3	42.4	11.69	11.93	12.12	12.48	492.15	511.80	512.68	529.15
Industrial machinery and equipment	43.0	43.7	43.4	43.1	12.73	13.00	13.25	13.59	547.39	568.10	575.05	585.73
Electronic and other electrical equipment	41.8	42.2	41.6	41.4	11.24	11.50	11.69	12.16	469.83	485.30	486.30	503.42
Transportation equipment	43.0	44.3	43.8	44.0	15.80	16.51	16.76	17.23	679.40	731.39	734.09	758.12
Motor vehicles and equipment	44.3	46.0	44.9	44.9	16.10	17.02	17.36	17.83	713.23	782.92	779.46	800.57
Instruments and related products	41.1	41.7	41.4	41.7	12.23	12.47	12.71	13.14	502.65	520.00	526.19	547.94
Miscellaneous manufacturing	39.8	40.0	39.9	39.7	9.39	9.67	10.06	10.40	373.72	386.80	401.39	412.88
Nondurable goods	40.6	40.9	40.5	40.5	10.98	11.24	11.58	11.97	445.79	459.72	468.99	484.79
<i>Overtime hours</i>	4.0	4.3	4.0	4.1	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Food and kindred products	40.7	41.3	41.1	41.0	\$10.45	\$10.66	\$10.94	\$11.22	\$425.32	\$440.26	\$449.63	\$460.02
Tobacco products	37.4	39.3	39.6	40.0	16.89	19.07	19.48	19.54	631.69	749.45	771.41	781.60
Textile mill products	41.4	41.6	40.8	40.5	8.88	9.13	9.41	9.68	367.63	379.81	383.93	392.04
Apparel and other textile products	37.2	37.5	37.0	37.0	7.09	7.34	7.64	7.95	263.75	275.25	282.68	294.15
Paper and allied products	43.6	43.9	43.1	43.3	13.42	13.77	14.23	14.68	585.11	604.50	613.31	635.64
Printing and publishing	38.3	38.6	38.2	38.2	11.93	12.14	12.33	12.65	456.92	468.60	471.01	483.23
Chemicals and allied products	43.1	43.2	43.2	43.2	14.82	15.13	15.63	16.20	638.74	653.62	675.22	699.84
Petroleum and coal products	44.2	44.4	43.7	43.7	18.53	19.07	19.36	19.31	819.03	846.71	846.03	843.85
Rubber and misc. plastics products	41.8	42.2	41.5	41.5	10.57	10.70	10.91	11.23	441.83	451.54	452.77	466.05
Leather and leather products	38.6	38.5	38.0	38.2	7.63	7.97	8.17	8.57	294.52	306.85	310.46	327.37
Service-producing	32.7	32.8	32.7	32.7	10.30	10.56	10.89	11.27	336.81	346.37	356.10	368.53
Transportation and public utilities	39.6	39.9	39.5	39.7	13.62	13.86	14.23	14.52	539.35	553.01	562.09	576.44
Wholesale trade	38.2	38.4	38.3	38.3	11.74	12.06	12.43	12.84	448.47	463.10	476.07	491.77
Retail trade	28.8	28.9	28.8	28.8	7.29	7.49	7.69	7.98	209.95	216.46	221.47	229.82
Finance, insurance, and real estate	35.8	35.8	35.9	35.9	11.35	11.83	12.33	12.80	406.33	423.51	442.65	459.52
Services	32.5	32.5	32.4	32.4	10.78	11.04	11.39	11.80	350.35	358.80	369.04	382.32

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

² Not available.

^p = 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.

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 ³	729	57,400	2,600	11,800
Nov. 1994 to Aug. 1995 ⁴	792	54,500	3,500	10,000
Sept. 1995 to Dec. 1995	792	52,900	3,400	9,700
Jan. 1996 to present	754	46,800	3,200	9,000

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

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

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

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

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
Total, 16 years and over:		
Civilian labor force	293	216
Employed	312	235
Unemployed	145	161
Men, 20 years and over:		
Civilian labor force	194	164
Employed	206	174
Unemployed	97	113
Women, 20 years and over:		
Civilian labor force	219	165
Employed	224	171
Unemployed	91	105
Both sexes, 16 to 19 years:		
Civilian labor force	97	95
Employed	96	95
Unemployed	62	81
Black, 16 years and over:		
Civilian labor force	138	101
Employed	140	105
Unemployed	66	76
Men, 20 years and over:		
Civilian labor force	78	69
Employed	71	72
Unemployed	43	50
Women, 20 years and over:		
Civilian labor force	98	73
Employed	97	74
Unemployed	44	51
Both sexes, 16 to 19 years:		
Civilian labor force	40	42
Employed	35	37
Unemployed	32	37
Hispanic origin, 16 years and over:		
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
Occupation		
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
Industry		
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
Labor force and not-in-labor-force data other than agricultural employment and unemployment:		
Total ¹	-0.000017682	2985.26
Men ¹	-.000032770	2764.05
Women	-.000029553	2529.99
Both sexes, 16 to 19 years	-.000171805	2544.62
White ¹	-.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
Agricultural employment:		
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
Unemployment:		
Total or white	-.000017962	2957.13
Black	-.000212109	3149.77
Hispanic origin	-.000101820	3576.47

¹ 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
Labor force and not-in-labor-force data other than agricultural employment and unemployment:		
Total or white:		
Most characteristics	-0.000012482	2001.12
High correlation characteristics ¹	-.000009288	1564.84
Low correlation characteristics ¹	-.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
Agricultural employment:		
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
Unemployment:²		
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

¹ 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.

² 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
Agricultural employment:					
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
Unemployment:					
Total	1.40	.74	.88	.46	.65
Part time	1.40	.67	.88	.42	.54
Labor force and not-in-labor-force data other than agricultural employment and unemployment:					
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)
Monthly data		
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months. ¹	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees. ²	Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells.
Average weekly hours	Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers. ²	Average, weighted by production or nonsupervisory worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production worker overtime hours divided by number of production workers. ²	Average, weighted by production worker employment, of the average weekly overtime hours for component cells.
Average hourly earnings	Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker hours. ²	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Average weekly earnings	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.
Annual average data		
All employees, women employees, and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Average weekly hours	Annual total of aggregate hours (production or nonsupervisory worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Average hourly earnings	Annual total of aggregate payrolls (product of production or nonsupervisory worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total of aggregate payrolls divided by annual aggregate hours.
Average weekly earnings	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.

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

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

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

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 ⁵
	Employment ¹	Revision ²	Added ³	Required ⁴	
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

¹ 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.

² Difference between the final March sample-based estimate and the benchmark level for total private employment.

³ 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.

⁴ 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.

⁵ 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 ρ 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 ¹		
		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	² 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	(³)	2,822	100
State	4,777	6,122	4,013	84
Local	12,075	19,515	8,491	70

¹ 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.

² 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.

³ Total Federal employment counts by agency for use in national estimates are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 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 ¹	
	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	(²)	-.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 ¹	
	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 ³	-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 ⁴	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 ³	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 ³	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 ³	37	1.4	.5	1.6
Engineering and architectural services	11	1.4	-1.0	1.9
Management and public relations ³	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

¹ Data relate to the 1985-94 benchmarks, as originally published, unless otherwise noted.

² Less than 0.05 percent.

³ Data relate to 1989-95.

⁴ Includes other industries, not shown separately.

Table 2-E. Relative standard errors¹ 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

¹ Relative errors were estimated with sample data from March 1994-March 1995.

Table 2-F. Relative standard errors¹ 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

¹ 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. 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 ¹	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 ¹	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 ²	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

¹ The root-mean-square error is the square root of the mean squared error. The mean squared error is the square of the difference between the final and preliminary estimates averaged across a series of monthly observations.

² 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.

INDEX TO STATISTICAL TABLES

TABLE KEY: A: Monthly household data; B: Monthly national and State and area establishment data; C: Monthly regional, State, and area labor force data; D: Quarterly, household data only, in the January, April, July, and October issues. Annual averages: Household data in the January issue; national establishment data in the January, March, and June issues; State and area establishment and labor force data in the May issue. For additional information see the listing on the inside front cover of this publication.

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