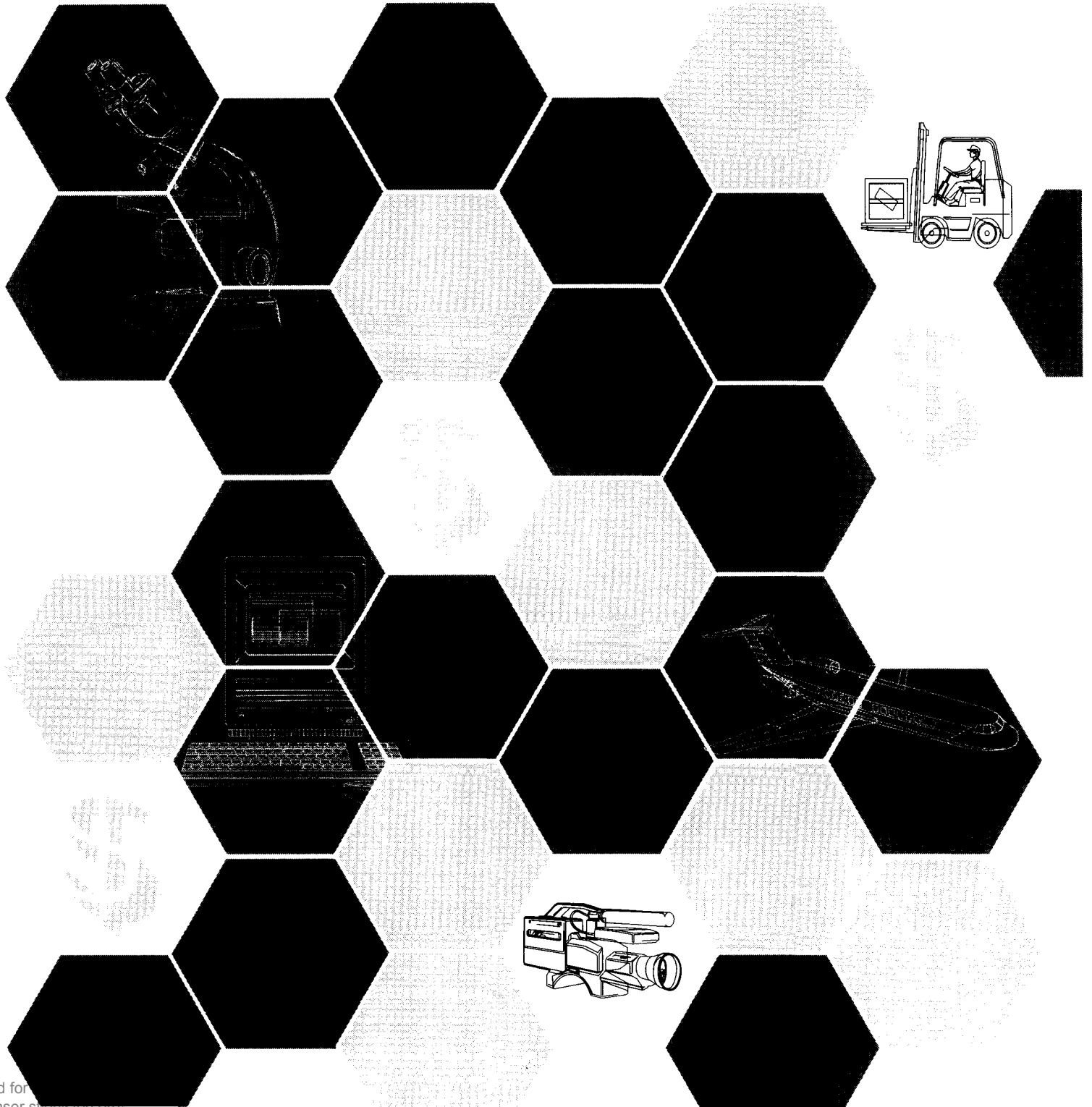




EMPLOYMENT AND EARNINGS

U.S. Department of Labor
Bureau of Labor Statistics
January 1994

In this issue: 1993 annual averages
Revised seasonally adjusted
labor force series
Data on union affiliation
Median weekly earnings for
detailed occupations
Employee absences





U.S. DEPARTMENT OF LABOR
Robert B. Reich, *Secretary*

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

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January 1994
Vol. 41 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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Union affiliation	Jan.
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Employee absences	Jan.
Revised seasonally adjusted series	Jan., Feb.

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

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Industry detail	Mar., June
Women employees	Mar., June
National data revised to reflect new benchmarks and new seasonal adjustment factors	June
Revised historical national data	Bulletin ¹
State and area annual averages	May
Area definitions	May

State and area labor force data

Annual averages	May
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¹ The most recent publication was issued in August 1993 as *Employment, Hours, and Earnings, United States, 1981-93*, BLS Bulletin 2429, and is available from: New Orders, U.S. Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, at \$33 a copy, GPO Stock Number 029-001-03148-3.

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 1993. As a result, seasonally adjusted data for the past 5 years are subject to revision. Revised current data appear in tables A-1, 2, 3, and 32-53. Revised monthly data covering the 1989-93 revision period for over 400 series will appear in next month's issue.

The article beginning on page 9 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 1994.

Beginning with data for January 1994, there will be a number of changes which affect data comparisons. See page 8 for additional information.

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Employment and Unemployment Developments, December 1993

The Nation's employment situation continued to improve in December. Employment rose further and the rate of unemployment—6.4 percent—while little changed from November's 6.5 percent (as revised), has declined substantially over the past year.

The number of payroll jobs, as measured by the survey of employers, rose by 183,000 in December (after seasonal adjustment) to 111.0 million. Total employment, as measured through the survey of households, increased by 329,000 to a seasonally adjusted level of 120.7 million. Both series showed substantial growth in 1993.

Unemployment

Both the unemployment rate, 6.4 percent, and the number of unemployed persons, 8.2 million, were little changed in December, though both measures have generally been trending downward since mid-1992. Over the past year, the jobless rate has declined by nearly a full percentage point, and the unemployed total has fallen by nearly 1.1 million persons. (See table A-33.)

The jobless rates for adult men (5.8 percent) and adult women (5.7 percent) showed little or no change in December. However, the rate for adult men improved steadily in the second half of 1993, while that for adult women leveled off, following declines earlier in the year. The unemployment rates for teenagers (17.8 percent), whites (5.6 percent), and Hispanics (10.5 percent) showed little or no change in December, while the rate for blacks edged down to 11.5 percent. (See tables A-33 and A-34.)

About 1 out of every 5 persons who was unemployed in December had been without work for 6 months or longer. This ratio has declined very little since it reached a recent high point in the fall of 1992. (See table A-40.)

The number of persons at work part time for economic reasons—sometimes referred to as the “partially unemployed”—was little changed in December at 6.2 million. While down somewhat in recent months, this series has shown no substantive improvement over the past 2 years. (See table A-35.)

Total employment and the labor force

Total employment rose by 329,000 in December, marking the third consecutive month of robust employment growth. Over the past year, employment has risen by about 2-1/2 million. The employment-population ratio (the proportion of the working-age population with jobs)

edged upward over the fall months to 62.0 percent in December. (See table A-33.)

The civilian labor force rose in December to 128.9 million. Over the past year, the labor force grew by 1.5 million. Adult women made up about three-fifths of this increase, and adult men accounted for the remainder, as the size of the teenage labor force was unchanged. The labor force participation rate was 66.3 percent in December, about the same as a year earlier. (See table A-33.)

Discouraged workers

The number of discouraged workers—persons who indicate that they want to work but are not looking for a job because they think their search would be unproductive—was about unchanged in the fourth quarter at 1.1 million. The discouraged worker total has held at about this level for over 2 years. (See table A-53.)

Industry payroll employment

Nonfarm payroll employment continued to rise in December, growing by 183,000 to 111.0 million, seasonally adjusted. Over the past year, nonfarm employment has increased by nearly 2 million. (See table B-4.)

After 2 months of growth totaling 37,000, manufacturing employment was essentially unchanged in December. There were, however, increases within durable goods, where automobiles and electronics added 11,000 and 7,000 jobs, respectively. There were also gains in the construction-related lumber and furniture industries. This was somewhat mitigated by continued job losses in the defense-dependent aircraft and instruments industries. Among nondurable goods industries, apparel and chemicals continued their patterns of monthly declines.

Construction employment, which had grown markedly in the prior 2 months, held steady in December, despite a later-than-average survey reference period that probably captured more seasonal layoffs than usual. A large increase in mining employment attributable to the return to work of striking coal miners was partly offset by losses in its oil and gas component.

The services industry added 68,000 jobs in December, after seasonal adjustment. The largest gain took place in personnel supply. Employment gains in health services were smaller than average; hospital employment has not grown since the spring.

Retail trade rebounded from a small loss in November and added 32,000 jobs in December, the majority of them in eating and drinking establishments and auto dealerships. Over the year, retail job growth has totaled 400,000.

The finance industry had substantial job gains for the fourth consecutive month, with increases totaling 51,000 since August. Some of the December gains in transportation and government were probably temporary, as air freight companies and the postal service added more workers than normal to meet the holiday rush. Wholesale trade continued the rebound that began in late summer, which has totaled 31,000 jobs since August.

Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls was unchanged in December at 34.6 hours, seasonally adjusted.

The manufacturing workweek and overtime hours held at highs of 41.7 and 4.4 hours, respectively. (See table C-5.)

The index of aggregate weekly hours of private production or nonsupervisory workers on nonfarm payrolls was up by 0.2 percent to 125.3 (1982=100) in December. The manufacturing index held steady at 102.0, as both employment and hours were flat. (See table C-6.)

Hourly and weekly earnings

Average hourly and weekly earnings of private production or nonsupervisory workers on nonfarm payrolls each increased by 0.2 percent in December, after seasonal adjustment. Before seasonal adjustment, average hourly earnings edged up 1 cent to \$10.97 and average weekly earnings were up by \$2.54 to \$380.66 in December. Over the year, hourly earnings increased by 2.5 percent and weekly earnings by 3.1 percent. (See tables C-1 and C-7.)

Planned Changes for the Household Survey Data

With the release of data for January 1994, estimates from the Current Population Survey (household survey) will reflect the results of a major redesign of the survey. The redesign was undertaken to obtain more accurate and comprehensive information on the labor force. As part of this effort, the survey questionnaire was revamped to include many new and revised questions regarding individuals' employment and unemployment activities, and a fully automated data collection environment is being introduced. In addition to the survey changes, the January data will incorporate the introduction of population estimates carried forward from the 1990 census, adjusted for the estimated population undercount.

The redesign will necessitate changes in the presentation of household survey data. Several new series will be created; others will no longer be published. Coincident with the introduction of the results of the redesign, several organizational changes will be implemented, effective with the February 1994 issue. These include expanded tables of contents and the addition of summary tables, charts, and a tabular index. Moreover, seasonally adjusted data will be presented before the not seasonally adjusted data, and the current B and C tables will be merged as B tables. It is anticipated that these changes will facilitate data location and make *Employment and Earnings* more "user friendly."

A comprehensive discussion of the effects of these changes will appear in the February 1994 issue of *Employment and Earnings*.

Scheduled Release Dates			
Employment and unemployment data are scheduled for initial release on the following dates:			
Reference month	Release date	Reference month	Release date
January	February 4	April	May 6
February	March 4	May	June 3
March	April 1	June	July 8

Revision of Seasonally Adjusted Labor Force Series

Robert J. McIntire

The purpose of seasonal adjustment is to eliminate from economic time series the influence of weather, holidays, the opening and closing of schools, and other such seasonal events in order to make it easier to observe and analyze the cyclical and other nonseasonal movements in the series. The seasonality which the adjustment process endeavors to eliminate is represented by seasonal factors. The seasonal factors used for current adjustment are estimates of how much the original unadjusted values can be expected to deviate from underlying trend-cycle levels due to annually recurring behavior as projected from average seasonal patterns in the recent past.

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

Even though seasonality involves regularly recurring patterns, it does tend to change 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 by including another full year of data in the estimation process. Based

Table 1. Current seasonal adjustment factors for the 12 major civilian labor force components, January-June 1994

Procedure and series	January	February	March	April	May	June
Multiplicative adjustment (Divide factor into original value)						
Agricultural employment:						
Men, 20 years and over .....	.891	.885	.918	.984	1.048	1.094
Women, 20 years and over .....	.880	.877	.921	.957	1.062	1.148
Men, 16 to 19 years .....	.586	.597	.695	.861	1.105	1.603
Women, 16 to 19 years .....	.677	.636	.774	.799	.865	1.532
Nonagricultural employment:						
Men, 20 years and over .....	.985	.988	.992	.996	1.001	1.008
Women, 20 years and over .....	.996	.998	1.002	1.001	1.002	.999
Unemployment:						
Men, 20 years and over	1.194	1.179	1.121	1.010	.964	.964
Women, 20 years and over	1.032	1.020	.973	.934	.956	1.024
Additive adjustment (Subtract factor from original value)						
Nonagricultural employment:						
Men, 16 to 19 years	-286	-272	-252	-238	-156	295
Women, 16 to 19 years	-228	-180	-222	-195	-112	263
Unemployment:						
Men, 16 to 19 years	-24	-2	7	-88	1	252
Women, 16 to 19 years	-57	-32	-52	-72	12	234

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 for the last 5 years. Each year's data are generally subject to five revision cycles before the values are considered final. The fifth and final revisions in the earliest of the 5 years are usually quite small, while the first-time revisions in the most recent year are generally much more substantial, although even these rarely alter the essential trends observed in the initial major estimates. This year's revisions incorporate data through December 1993 and provide revised estimates for January 1989 through December 1993 for all previously seasonally adjusted labor force series.

Table 1 contains the new projected seasonal factors to be applied during the first 6 months of 1994 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 1994 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 1990 seasonally adjusted data are not final, the first revisions are, as mentioned above, usually the most substantial of the five that will be made and often indicate the direction any subsequent revisions will take. Therefore, it is appropriate to compare these first revisions with the initial estimates. Table 2 shows the civilian unemployment rate for 1993 as first computed and as revised, as well as the change due to revision. Rounded to one decimal place as published, the rate changed in 4 of the 12 months, with the absolute effect of the changes never exceeding 0.1 percentage point in any of those months. Compared to the initial estimates, the revised rates suggest slightly smoother behavior for the rate during the year.

Adjustment methods and procedures

The official seasonal adjustment procedure for the labor force series is the X-11 ARIMA program, which was developed at Statistics Canada during the 1970's as an extension of and improvement to the widely used X-11 method developed at the U.S. Bureau of the Census in the 1960's.¹ 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.² 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.

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 ob-

¹ The primary documentation for the X-11 ARIMA procedure is the *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum (Statistics Canada Catalogue No. 12-564 E, January 1983). (ARIMA is an acronym for AutoRegressive Integrated Moving Average.) The X-11 method is described in the *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).

² 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 1993 and change due to revision

Month	As first computed	As revised	Change
January	7.1	7.1	0
February	7.0	7.0	0
March	7.0	7.0	0
April	7.0	7.0	0
May	6.9	6.9	0
June	7.0	6.9	-.1
July	6.8	6.8	0
August	6.7	6.7	0
September	6.7	6.7	0
October	6.8	6.7	-.1
November	6.4	6.5	.1
December	¹ 6.3	6.4	.1

¹This rate reflects the use of seasonal factors projected for December 1993 as published in the July 1993 issue of *Employment and Earnings* and was subject to revision before regular publication of December data.

served 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 189 of the 215 labor force series which were directly adjusted at the end of 1993, including all 12 major civilian labor force components, whose ARIMA models are shown in table 3. The 26 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 adjusting the labor force series within the X-11 part of the process were the same as those followed last year. A 10-year time period, including data from January 1984 through December 1993, was used for the adjustment of all the labor force series.

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

215 directly adjusted series, 51 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. Three 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. These three series, all relating to persons "at work" (that is, excluding those employed persons "with a job not at work"), had tested as having significant and well-defined effects in their April data related to the timing of Easter. The series are: (1 and 2) at work on part-time schedules for noneconomic reasons, usually work part time, all industries and nonagricultural industries, both of which are published monthly in seasonally adjusted form; and (3) at work on full-time schedules, nonagricultural industries, a formerly published seasonally adjusted series. 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 unem-

Table 3. ARIMA models used in end-of-1993 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 ...	(0,1,4)(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 ...	(0,1,3)(0,1,1)	LOG
Men, 16 to 19 years	(0,1,2)(0,1,1)	NONE
Women, 16 to 19 years	(0,1,2)(0,1,1)	NONE

ployment rate have been involved. A number of research studies, including a 1987 paper on the labor force series,³ 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 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 215 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 or resident Armed Forces levels, 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 groups as noted above employed in non-agricultural 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

³ 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; copies of a more complete version of the paper can be obtained directly from the authors at the Bureau of Labor Statistics.

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 data for the last 13 months and quarters for many seasonally adjusted labor force series. Next month's issue will provide the 1989-93 revisions for a few hundred of the seasonally adjusted monthly labor force series most in demand. The revisions replace the data published in the February 1993 issue for 1989-92 and the seasonally adjusted estimates for 1993 published during the past year. The seasonally adjusted data last published for 1988 and earlier years were not further revised.

Additional data for any of the several hundred seasonally adjusted labor force series, as well as the January-June 1994 factors for any of the directly adjusted series beyond the 12 major components, can be obtained from BLS upon request. Requests for data or inquiries concerning seasonal adjustment methods or the availability of machine readable files of labor force data should be addressed to the Data Development Staff, Office of Employment and Unemployment Statistics, Bureau of Labor Statistics, Washington, DC 20212.

A-1. Employment status of the noninstitutional population 16 years and over, 1960 to date

(Numbers in thousands)

Year and month	Noninstitutional population	Labor force									Not in labor force	
		Number	Percent of population	Employed						Unemployed		
				Total	Resident Armed Forces	Civilian			Number	Percent of labor force		
						Total	Agriculture	Nonagricultural industries				
Annual averages												
1960 ¹	119,106	71,489	60.0	67,639	1,861	65,778	5,458	60,318	3,852	5.4	47,617	
1961	120,671	72,359	60.0	67,646	1,900	65,746	5,200	60,546	4,714	6.5	48,312	
1962 ²	122,214	72,675	59.5	68,763	2,061	66,702	4,944	61,759	3,911	5.4	49,539	
1963	124,422	73,839	59.3	69,768	2,006	67,762	4,687	63,076	4,070	5.5	50,583	
1964	126,503	75,109	59.4	71,323	2,018	69,305	4,523	64,782	3,786	5.0	51,394	
1965	128,459	76,401	59.5	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058	
1966	130,180	77,892	59.8	75,017	2,122	72,895	3,979	68,915	2,875	3.7	52,288	
1967	132,092	79,565	60.2	76,590	2,218	74,372	3,844	70,527	2,975	3.7	52,527	
1968	134,281	80,990	60.3	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291	
1969	136,573	82,972	60.8	80,140	2,238	77,902	3,606	74,296	2,832	3.4	53,602	
1970	139,203	84,889	61.0	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315	
1971	142,189	86,355	60.7	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834	
1972 ²	145,939	88,847	60.9	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091	
1973 ²	148,870	91,203	61.3	86,838	1,774	85,064	3,470	81,594	4,365	4.8	57,667	
1974	151,841	93,670	61.7	88,515	1,721	86,794	3,515	83,279	5,156	5.5	58,171	
1975	154,831	95,453	61.6	87,524	1,678	85,846	3,408	82,438	7,929	8.3	59,377	
1976	157,818	97,826	62.0	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991	
1977	160,689	100,665	62.6	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025	
1978 ¹	163,541	103,882	63.5	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659	
1979	166,460	106,559	64.0	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900	
1980	169,349	108,544	64.1	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806	
1981	171,775	110,315	64.2	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460	
1982	173,939	111,872	64.3	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067	
1983	175,891	113,226	64.4	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665	
1984	178,080	115,241	64.7	106,702	1,697	105,005	3,321	101,685	8,539	7.4	62,839	
1985	179,912	117,167	65.1	108,856	1,706	107,150	3,179	103,971	8,312	7.1	62,744	
1986 ¹	182,293	119,540	65.6	111,303	1,706	109,597	3,163	106,434	8,237	6.9	62,752	
1987	184,490	121,602	65.9	114,177	1,737	112,440	3,208	109,232	7,425	6.1	62,888	
1988	186,322	123,378	66.2	116,677	1,709	114,968	3,169	111,800	6,701	5.4	62,944	
1989	188,081	125,557	66.8	119,030	1,688	117,342	3,199	114,142	6,528	5.2	62,523	
1990	189,686	126,424	66.6	119,550	1,637	117,914	3,186	114,728	6,874	5.4	63,262	
1991	191,329	126,867	66.3	118,440	1,564	116,877	3,233	113,644	8,426	6.6	64,462	
1992	193,142	128,548	66.6	119,164	1,566	117,598	3,207	114,391	9,384	7.3	64,593	
1993	195,034	129,525	66.4	120,791	1,485	119,306	3,074	116,232	8,734	6.7	65,509	
Monthly data, seasonally adjusted²												
1992:												
December	194,026	128,986	66.5	119,672	1,517	118,155	3,222	114,933	9,314	7.2	65,040	
1993:												
January	194,159	128,739	66.3	119,693	1,515	118,178	3,182	114,996	9,046	7.0	65,420	
February	194,298	128,912	66.3	119,954	1,512	118,442	3,116	115,326	8,958	6.9	65,386	
March	194,456	128,937	66.3	120,059	1,497	118,562	3,099	115,463	8,878	6.9	65,519	
April	194,618	129,031	66.3	120,077	1,492	118,585	3,071	115,514	8,954	6.9	65,587	
May	194,767	129,559	66.5	120,664	1,484	119,180	3,074	116,106	8,895	6.9	65,208	
June	194,933	129,533	66.4	120,664	1,477	119,187	3,031	116,156	8,869	6.8	65,400	
July	195,104	129,573	66.4	120,841	1,471	119,370	3,043	116,327	8,732	6.7	65,531	
August	195,275	129,816	66.5	121,174	1,482	119,692	3,005	116,687	8,642	6.7	65,459	
September	195,453	129,590	66.3	121,050	1,482	119,568	3,093	118,475	8,540	6.6	65,863	
October	195,626	130,055	66.5	121,416	1,475	119,941	3,021	116,920	8,639	6.6	65,571	
November	195,791	130,132	66.5	121,802	1,470	120,332	3,114	117,218	8,330	6.4	65,659	
December	195,933	130,359	66.5	122,122	1,461	120,661	3,096	117,565	8,237	6.3	65,574	

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

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

NOTE: Seasonally adjusted household survey data shown in tables A-1, 2, 3 and 32-53 have been revised based on the experience through December 1993. Data for 1989-93 are subject to revision. See the article in this issue for additional information.

**HOUSEHOLD DATA
HISTORICAL**

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1982 to date

(Numbers in thousands)

Sex, year, and month	Noninstitutional population	Labor force									Not in labor force	
		Number	Percent of population	Employed						Unemployed		
				Total	Resident Armed Forces	Civilian			Number	Percent of labor force		
						Total	Agriculture	Nonagricultural industries				
Annual averages												
MEN												
1982	83,052	63,979	77.0	57,800	1,529	56,271	2,736	53,534	6,179	9.7	19,073	
1983	84,064	64,580	76.8	58,320	1,533	56,787	2,704	54,083	6,260	9.7	19,484	
1984	85,156	65,388	76.8	60,642	1,551	59,091	2,068	56,423	4,744	7.3	19,771	
1985	86,025	65,967	76.7	61,447	1,556	59,891	2,535	57,356	4,521	6.9	20,058	
1986 ¹	87,349	66,973	76.7	62,443	1,551	60,892	2,511	58,381	4,530	8.8	20,378	
1987	88,476	67,764	76.6	63,684	1,577	62,107	2,543	59,564	4,101	8.1	20,692	
1988	89,404	68,474	76.6	64,820	1,547	63,273	2,493	60,780	3,655	5.3	20,930	
1989	90,283	69,360	76.8	65,835	1,520	64,315	2,513	61,802	3,525	5.1	20,923	
1990	91,122	69,705	76.5	65,906	1,472	64,435	2,507	61,928	3,799	5.4	21,417	
1991	91,951	69,810	75.9	64,992	1,399	63,593	2,552	61,041	4,817	6.9	22,141	
1992	92,945	70,588	75.9	65,209	1,404	63,805	2,534	61,270	5,380	7.8	22,356	
1993	93,949	70,962	75.5	66,030	1,329	64,700	2,438	62,263	4,932	7.0	22,987	
Monthly data, seasonally adjusted²												
1992:												
December	93,420	70,739	75.7	65,538	1,360	64,178	2,563	81,615	5,201	7.4	22,861	
1993:												
January	93,488	70,572	75.5	65,595	1,358	64,237	2,530	61,707	4,977	7.1	22,916	
February	93,563	70,751	75.6	65,684	1,355	64,329	2,511	61,818	5,067	7.2	22,812	
March	93,646	70,844	75.7	65,697	1,342	64,355	2,451	61,904	5,147	7.3	22,802	
April	93,731	70,852	75.6	65,754	1,338	64,416	2,481	61,955	5,098	7.2	22,879	
May	93,809	71,033	75.7	66,017	1,330	64,687	2,447	62,240	5,016	7.1	22,776	
June	93,896	71,006	75.6	65,965	1,323	64,842	2,398	62,244	5,041	7.1	22,890	
July	93,986	71,047	75.6	66,045	1,317	64,728	2,391	62,337	5,002	7.0	22,939	
August	94,076	71,174	75.7	66,231	1,327	64,904	2,352	62,552	4,943	6.9	22,902	
September	94,169	70,906	75.3	66,082	1,326	64,756	2,455	62,301	4,824	6.8	23,263	
October	94,260	71,139	75.5	66,290	1,319	64,971	2,376	62,595	4,849	6.8	23,121	
November	94,347	71,044	75.3	66,458	1,314	65,144	2,481	62,663	4,586	6.5	23,303	
December	94,421	71,118	75.3	66,564	1,305	65,259	2,461	62,798	4,554	6.4	23,303	
Annual averages												
WOMEN												
1982	90,887	47,894	52.7	43,395	139	43,256	665	42,591	4,499	9.4	42,993	
1983	91,827	48,646	53.0	44,190	143	44,047	680	43,367	4,457	9.2	43,181	
1984	92,924	49,855	53.7	46,061	148	45,915	653	45,262	3,794	7.6	43,068	
1985	93,886	51,200	54.5	47,409	150	47,259	644	46,615	3,791	7.4	42,686	
1986 ¹	94,944	52,568	55.4	48,861	155	48,706	652	48,054	3,707	7.1	42,378	
1987	96,013	53,818	56.1	50,494	190	50,334	666	49,668	3,324	8.2	42,195	
1988	96,918	54,904	56.6	51,858	162	51,696	676	51,020	3,046	5.5	42,014	
1989	97,798	56,198	57.5	53,195	168	53,027	667	52,341	3,003	5.3	41,601	
1990	96,564	58,719	57.5	53,644	165	53,479	679	52,800	3,075	5.4	41,845	
1991	99,378	57,057	57.4	53,448	164	53,264	682	52,602	3,609	6.3	42,321	
1992	100,197	57,960	57.8	53,955	162	53,793	673	53,121	4,005	8.9	42,237	
1993	101,085	58,563	57.9	54,761	155	54,606	636	53,970	3,801	6.5	42,522	
Monthly data, seasonally adjusted²												
1992:												
December	100,608	58,247	57.9	54,134	157	53,977	659	53,318	4,113	7.1	42,359	
1993:												
January	100,671	58,167	57.8	54,098	157	53,941	652	53,289	4,069	7.0	42,504	
February	100,734	58,161	57.7	54,270	157	54,113	605	53,508	3,891	6.7	42,573	
March	100,809	58,093	57.6	54,362	155	54,207	648	53,559	3,731	8.4	42,716	
April	100,887	58,179	57.7	54,323	154	54,169	610	53,559	3,856	6.6	42,708	
May	100,959	58,526	58.0	54,647	154	54,493	627	53,866	3,879	6.6	42,433	
June	101,037	58,527	57.9	54,699	154	54,545	633	53,912	3,828	6.5	42,510	
July	101,119	58,526	57.9	54,796	154	54,642	652	53,990	3,730	6.4	42,593	
August	101,199	58,642	57.9	54,943	155	54,788	653	54,135	3,699	8.3	42,557	
September	101,284	58,684	57.9	54,968	156	54,812	638	54,174	3,716	6.3	42,600	
October	101,366	58,916	58.1	55,126	156	54,970	645	54,325	3,790	6.4	42,450	
November	101,444	59,088	58.2	55,344	156	55,188	633	54,555	3,744	6.3	42,356	
December	101,512	59,241	58.4	55,558	156	55,402	635	54,787	3,683	6.2	42,271	

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

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

NOTE: Seasonally adjusted data have been revised based on the experience through December 1993. See the article in this issue for additional information.

A-3. Employment status of the civilian noninstitutional population 16 years and over, 1960 to date

(Numbers in thousands)

Year and month	Civilian noninstitutional population	Civilian labor force				Unemployment rates		
		Total	Percent of population	Employed	Unemployed	Total	Men	Women
Annual averages								
1960 ¹	117,245	69,628	59.4	65,778	3,852	5.5	5.4	5.9
1961	118,771	70,459	59.3	65,746	4,714	6.7	6.4	7.2
1962 ²	120,153	70,614	58.8	66,702	3,911	5.5	5.2	6.2
1963	122,416	71,833	58.7	67,762	4,070	5.7	5.2	6.5
1964	124,485	73,091	58.7	69,305	3,786	5.2	4.6	6.2
1965	126,513	74,455	58.9	71,088	3,366	4.5	4.0	5.5
1966	128,058	75,770	59.2	72,895	2,875	3.8	3.2	4.8
1967	129,874	77,347	59.6	74,372	2,975	3.8	3.1	5.2
1968	132,028	78,737	59.6	75,920	2,817	3.6	2.9	4.8
1969	134,335	80,734	60.1	77,902	2,832	3.5	2.8	4.7
1970	137,085	82,771	60.4	78,678	4,093	4.9	4.4	5.9
1971	140,216	84,382	60.2	79,367	5,016	5.9	5.3	6.9
1972 ²	144,126	87,034	60.4	82,153	4,882	5.6	5.0	6.6
1973 ¹	147,096	89,429	60.8	85,064	4,365	4.9	4.2	6.0
1974	150,120	91,949	61.3	86,794	5,156	5.6	4.9	6.7
1975	153,153	93,775	61.2	85,846	7,929	8.5	7.9	9.3
1976	156,150	96,158	61.6	88,752	7,406	7.7	7.1	8.6
1977	159,033	99,009	62.3	92,017	6,991	7.1	6.3	8.2
1978 ¹	161,910	102,251	63.2	96,048	6,202	6.1	5.3	7.2
1979	164,863	104,962	63.7	98,824	6,137	5.8	5.1	6.8
1980	167,745	106,940	63.8	99,303	7,637	7.1	6.9	7.4
1981	170,130	108,670	63.9	100,397	8,273	7.6	7.4	7.9
1982	172,271	110,204	64.0	99,526	10,678	9.7	9.9	9.4
1983	174,215	111,550	64.0	100,834	10,717	9.6	9.9	9.2
1984	176,383	113,544	64.4	105,005	8,539	7.5	7.4	7.6
1985	178,206	115,461	64.8	107,150	8,312	7.2	7.0	7.4
1986 ¹	180,587	117,834	65.3	109,597	8,237	7.0	6.9	7.1
1987	182,753	119,865	65.6	112,440	7,425	6.2	6.2	6.2
1988	184,613	121,669	65.9	114,968	6,701	5.5	5.5	5.6
1989	186,393	123,869	66.5	117,342	6,528	5.3	5.2	5.4
1990	188,049	124,787	66.4	117,914	6,874	5.5	5.6	5.4
1991	189,765	125,303	66.0	116,877	8,426	6.7	7.0	6.3
1992	191,576	126,982	66.3	117,598	9,384	7.4	7.8	6.9
1993	193,550	128,040	66.2	119,306	8,734	6.8	7.1	6.5
Monthly data, seasonally adjusted²								
1992:								
December	192,509	127,469	66.2	118,155	9,314	7.3	7.5	7.1
1993:								
January	192,644	127,224	66.0	118,178	9,046	7.1	7.2	7.0
February	192,786	127,400	66.1	118,442	8,958	7.0	7.3	6.7
March	192,959	127,440	66.0	118,562	8,878	7.0	7.4	6.4
April	193,126	127,539	66.0	118,585	8,954	7.0	7.3	6.6
May	193,283	128,075	66.3	119,180	8,895	6.9	7.2	6.6
June	193,456	128,056	66.2	119,187	8,869	6.9	7.2	6.6
July	193,633	128,102	66.2	119,370	8,732	6.8	7.2	6.4
August	193,793	128,334	66.2	119,692	8,642	6.7	7.1	6.3
September	193,971	128,108	66.0	119,568	8,540	6.7	6.9	6.3
October	194,151	128,580	66.2	119,941	8,639	6.7	6.9	6.4
November	194,321	128,662	66.2	120,332	8,330	6.5	6.6	6.4
December	194,472	128,898	66.3	120,661	8,237	6.4	6.5	6.2

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

² The population figures are not adjusted for seasonal variation.

NOTE: Seasonally adjusted data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	December 1993										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
TOTAL											
16 years and over	194,472	128,401	66.0	120,636	7,764	6.0	66,071	23,037	9,608	4,652	28,774
18 to 19 years	13,335	6,398	48.0	5,393	1,005	15.7	6,937	395	6,046	19	477
16 to 17 years	6,780	2,602	38.4	2,177	425	16.3	4,178	108	3,890	5	175
18 to 19 years	6,556	3,797	57.9	3,217	580	15.3	2,759	287	2,157	13	302
20 to 24 years	17,470	13,220	75.7	12,045	1,175	8.9	4,249	1,248	2,171	132	699
25 to 54 years	111,308	93,328	83.8	88,358	4,970	5.3	17,980	10,819	1,349	2,120	3,692
25 to 34 years	41,065	34,401	83.8	32,235	2,166	6.3	6,665	4,192	828	441	1,204
25 to 29 years	18,969	15,997	84.3	14,881	1,117	7.0	2,971	1,785	493	156	537
30 to 34 years	22,097	18,403	83.3	17,354	1,049	5.7	3,693	2,407	334	286	666
35 to 44 years	40,783	34,619	84.9	32,815	1,804	5.2	6,144	3,728	371	807	1,238
35 to 39 years	21,627	18,266	84.6	17,248	1,038	5.7	3,341	2,120	238	358	625
40 to 44 years	19,136	16,333	85.3	15,567	766	4.7	2,804	1,609	133	448	613
45 to 54 years	29,480	24,309	82.5	23,308	1,001	4.1	5,171	2,899	150	872	1,250
45 to 49 years	18,313	13,808	64.8	13,215	592	4.3	2,505	1,464	99	414	528
50 to 54 years	13,167	10,501	79.8	10,093	409	3.9	2,668	1,435	51	458	723
55 to 64 years	21,039	11,855	56.3	11,365	490	4.1	9,184	3,463	30	1,010	4,681
55 to 59 years	10,889	7,323	67.4	7,017	306	4.2	3,546	1,583	13	544	1,406
60 to 64 years	10,170	4,532	44.6	4,348	184	4.1	5,638	1,881	17	466	3,274
65 years and over	31,320	3,589	11.5	3,475	124	3.5	27,721	7,111	13	1,371	19,225
65 to 69 years	9,996	2,123	21.2	2,036	87	4.1	7,872	2,082	6	320	5,485
70 to 74 years	8,606	909	10.6	886	23	2.5	7,696	1,938	3	305	5,451
75 years and over	12,719	567	4.5	552	15	2.6	12,152	3,092	5	746	8,310
Men											
16 years and over	93,116	69,319	74.4	64,919	4,399	6.3	23,798	669	4,859	2,520	15,750
16 to 19 years	6,743	3,246	48.1	2,654	592	18.2	3,497	33	3,206	11	247
16 to 17 years	3,463	1,305	37.7	1,070	235	18.0	2,158	8	2,082	4	84
18 to 19 years	3,280	1,941	59.2	1,585	357	18.4	1,339	25	1,144	7	163
20 to 24 years	8,576	6,938	80.9	6,276	662	9.5	1,638	43	1,147	91	358
25 to 54 years	54,670	50,533	92.4	47,783	2,750	5.4	4,137	389	492	1,304	1,952
25 to 34 years	20,263	18,955	93.5	17,769	1,186	6.3	1,308	137	305	272	594
25 to 29 years	9,333	8,725	93.5	8,119	608	6.9	607	51	197	89	271
30 to 34 years	10,931	10,230	93.8	9,650	580	5.7	701	86	108	183	324
35 to 44 years	20,061	18,613	92.8	17,614	999	5.4	1,447	140	142	503	662
35 to 39 years	10,669	9,941	93.2	9,389	552	5.8	728	74	99	232	323
40 to 44 years	9,391	8,672	92.3	8,225	446	5.1	720	68	43	271	340
45 to 54 years	14,348	12,964	90.4	12,399	565	4.4	1,382	112	45	530	695
45 to 49 years	7,935	7,299	92.0	6,978	322	4.4	636	59	30	255	291
50 to 54 years	6,411	5,665	88.4	5,421	244	4.3	748	53	15	274	404
55 to 64 years	9,968	6,540	65.6	6,230	310	4.7	3,429	59	10	582	2,777
55 to 59 years	5,187	3,967	76.5	3,766	199	5.0	1,220	27	6	321	866
60 to 64 years	4,782	2,573	53.8	2,462	111	4.3	2,209	32	4	261	1,912
65 years and over	13,159	2,061	15.7	1,977	84	4.1	11,097	144	5	532	10,415
65 to 69 years	4,556	1,197	26.3	1,133	65	5.4	3,359	43	3	159	3,153
70 to 74 years	3,799	539	14.2	526	13	2.4	3,259	25	2	140	3,092
75 years and over	4,804	325	6.8	318	7	2.1	4,479	76	-	233	4,170
Women											
16 years and over	101,356	59,062	58.3	55,717	3,365	5.7	42,273	22,368	4,749	2,132	13,025
16 to 19 years	6,592	3,152	47.8	2,739	413	13.1	3,440	363	2,840	8	230
16 to 17 years	3,316	1,297	39.1	1,107	190	14.6	2,020	100	1,828	1	91
18 to 19 years	3,276	1,855	58.6	1,632	223	12.0	1,420	262	1,013	7	139
20 to 24 years	8,893	6,282	70.6	5,770	512	8.2	2,611	1,205	1,024	41	341
25 to 54 years	56,638	42,795	75.6	40,576	2,220	5.2	13,843	10,430	857	816	1,740
25 to 34 years	20,802	15,445	74.2	14,486	979	6.3	5,357	4,055	523	170	609
25 to 29 years	9,636	7,272	75.5	6,762	511	7.0	2,364	1,734	296	67	267
30 to 34 years	11,166	8,173	73.2	7,704	489	5.7	2,993	2,321	226	103	343
35 to 44 years	20,702	16,005	77.3	15,201	805	5.0	4,697	3,588	229	304	576
35 to 39 years	10,958	8,345	76.2	7,859	486	5.8	2,613	2,046	139	127	302
40 to 44 years	9,745	7,661	78.6	7,342	319	4.2	2,084	1,543	90	177	274
45 to 54 years	15,134	11,345	75.0	10,909	436	3.8	3,789	2,787	105	342	555
45 to 49 years	8,378	6,508	77.7	6,238	271	4.2	1,869	1,404	69	159	237
50 to 54 years	6,758	4,836	71.6	4,671	185	3.4	1,920	1,382	36	183	318
55 to 64 years	11,071	5,315	48.0	5,135	180	3.4	5,756	3,404	20	426	1,903
55 to 59 years	5,683	3,356	59.1	3,249	107	3.2	2,326	1,555	7	223	541
60 to 64 years	5,388	1,959	36.4	1,886	73	3.7	3,429	1,848	13	205	1,363
65 years and over	18,161	1,538	8.5	1,497	40	2.6	16,624	6,966	8	839	8,810
65 to 69 years	5,440	926	17.0	904	22	2.4	4,514	2,038	3	161	2,311
70 to 74 years	4,807	370	7.7	360	10	2.7	4,437	1,913	-	165	2,358
75 years and over	7,915	242	3.1	234	8	3.3	7,673	3,015	5	512	4,141

HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED

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

(Numbers in thousands)

Age, sex, and race	December 1993										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
WHITE											
16 years and over	164,516	109,576	66.6	103,733	5,844	5.3	54,939	19,632	7,116	3,471	24,719
16 to 19 years	10,645	5,533	52.0	4,797	736	13.3	5,112	266	4,500	15	331
16 to 17 years	5,404	2,269	42.0	1,942	326	14.4	3,135	76	2,938	4	117
18 to 19 years	5,241	3,264	62.3	2,854	409	12.5	1,977	190	1,562	11	214
20 to 24 years	14,128	11,047	78.2	10,205	842	7.6	3,081	930	1,594	77	479
25 to 54 years	93,601	79,327	84.8	75,558	3,769	4.8	14,274	8,979	990	1,526	2,779
25 to 34 years	34,058	28,889	84.8	27,280	1,609	5.6	5,169	3,433	589	301	847
25 to 29 years	15,634	13,372	85.5	12,532	839	6.3	2,263	1,444	350	100	369
30 to 34 years	18,424	15,517	84.2	14,747	770	5.0	2,906	1,989	239	201	478
35 to 44 years	34,359	29,454	85.7	28,084	1,370	4.7	4,904	3,106	290	592	918
35 to 39 years	18,152	15,500	85.4	14,719	780	5.0	2,653	1,779	175	255	444
40 to 44 years	16,206	13,955	86.1	13,365	590	4.2	2,252	1,327	114	337	474
45 to 54 years	25,184	20,964	83.3	20,194	790	3.8	4,200	2,440	112	634	1,015
45 to 49 years	13,955	11,931	85.5	11,464	467	3.9	2,024	1,220	71	303	430
50 to 54 years	11,229	9,053	80.6	8,730	323	3.6	2,176	1,220	41	330	585
55 to 64 years	18,170	10,406	57.3	10,013	393	3.8	7,764	2,979	19	762	4,004
55 to 59 years	9,334	6,401	68.6	6,158	243	3.8	2,933	1,349	8	406	1,170
60 to 64 years	8,836	4,005	45.3	3,855	150	3.7	4,831	1,630	11	356	2,834
65 years and over	27,972	3,263	11.7	3,160	103	3.2	24,709	6,478	14	1,092	17,126
65 to 69 years	8,844	1,929	21.8	1,858	71	3.7	6,915	1,854	6	253	4,802
70 to 74 years	7,636	831	10.9	811	20	2.5	6,805	1,766	3	227	4,809
75 years and over	11,492	503	4.4	491	12	2.3	10,989	2,857	5	612	7,515
Men											
16 years and over	79,416	59,876	75.4	56,463	3,413	5.7	19,540	457	3,644	1,863	13,556
16 to 19 years	5,402	2,809	52.0	2,362	447	15.9	2,593	15	2,399	8	170
16 to 17 years	2,770	1,136	41.0	957	179	15.8	1,634	5	1,568	3	58
18 to 19 years	2,633	1,673	63.6	1,405	268	16.0	959	10	831	6	113
20 to 24 years	6,979	5,794	83.0	5,304	490	8.4	1,185	28	872	49	236
25 to 54 years	46,538	43,585	93.7	41,439	2,146	4.9	2,953	246	360	957	1,391
25 to 34 years	17,022	16,148	94.9	15,226	922	5.7	874	78	223	198	375
25 to 29 years	7,793	7,389	94.8	6,911	478	6.5	404	29	147	58	171
30 to 34 years	9,229	8,759	94.9	8,315	444	5.1	470	50	76	141	204
35 to 44 years	17,133	16,097	94.0	15,316	781	4.9	1,036	87	110	375	485
35 to 39 years	9,083	8,583	94.5	8,154	429	5.0	500	51	73	173	204
40 to 44 years	8,050	7,514	93.3	7,162	352	4.7	536	36	37	202	261
45 to 54 years	12,383	11,340	91.6	10,897	443	3.9	1,043	80	27	384	552
45 to 49 years	6,885	6,404	93.0	6,157	246	3.8	481	39	17	193	233
50 to 54 years	5,498	4,936	89.8	4,739	197	4.0	562	42	10	191	319
55 to 64 years	8,701	5,804	66.7	5,545	258	4.5	2,897	48	8	450	2,392
55 to 59 years	4,503	3,515	78.1	3,350	165	4.7	988	21	5	248	715
60 to 64 years	4,198	2,288	54.5	2,195	93	4.1	1,909	27	3	202	1,677
65 years and over	11,796	1,885	16.0	1,813	72	3.8	9,911	120	5	419	9,367
65 to 69 years	4,059	1,089	26.8	1,036	53	4.8	2,971	35	3	122	2,811
70 to 74 years	3,385	500	14.8	487	13	2.6	2,885	24	2	101	2,758
75 years and over	4,352	296	6.8	290	6	2.1	4,056	61	-	197	3,798
Women											
16 years and over	85,100	49,700	58.4	47,269	2,431	4.9	35,399	19,175	3,473	1,588	11,163
16 to 19 years	5,242	2,723	51.9	2,435	288	10.6	2,519	251	2,101	6	161
16 to 17 years	2,634	1,133	43.0	986	147	13.0	1,501	71	1,370	1	60
18 to 19 years	2,608	1,590	61.0	1,449	141	8.9	1,018	180	731	5	101
20 to 24 years	7,149	5,254	73.5	4,901	352	6.7	1,896	902	722	29	243
25 to 54 years	47,063	35,742	75.9	34,119	1,623	4.5	11,320	8,733	630	569	1,388
25 to 34 years	17,036	12,741	74.8	12,054	687	5.4	4,295	3,355	366	102	472
25 to 29 years	7,841	5,983	76.3	5,622	361	6.0	1,859	1,415	203	42	198
30 to 34 years	9,194	6,758	73.5	6,432	326	4.8	2,436	1,940	162	60	274
35 to 44 years	17,225	13,357	77.5	12,768	589	4.4	3,868	3,018	180	217	453
35 to 39 years	9,069	6,917	76.3	6,565	352	5.1	2,152	1,728	103	82	240
40 to 44 years	8,157	6,441	79.0	6,203	238	3.7	1,716	1,291	77	135	213
45 to 54 years	12,801	9,644	75.3	9,297	347	3.6	3,157	2,360	85	250	463
45 to 49 years	7,070	5,527	78.2	5,306	221	4.0	1,543	1,181	54	110	198
50 to 54 years	5,731	4,117	71.8	3,991	126	3.1	1,614	1,179	31	139	265
55 to 64 years	9,469	4,602	48.6	4,467	135	2.9	4,867	2,931	11	312	1,612
55 to 59 years	4,830	2,886	59.7	2,808	78	2.7	1,945	1,328	3	158	455
60 to 64 years	4,639	1,717	37.0	1,660	57	3.3	2,922	1,604	8	154	1,157
65 years and over	16,176	1,379	8.5	1,347	32	2.3	14,798	6,358	9	672	7,759
65 to 69 years	4,784	840	17.6	822	18	2.2	3,944	1,819	3	131	1,991
70 to 74 years	4,252	331	7.8	324	8	2.3	3,921	1,742	-	127	2,051
75 years and over	7,140	207	2.9	201	6	2.8	6,933	2,796	6	415	3,717

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	December 1993										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
BLACK											
16 years and over	22,504	13,935	61.9	12,406	1,529	11.0	8,569	2,490	1,763	1,049	3,267
18 to 19 years	2,108	876	32.1	442	234	34.6	1,431	108	1,186	3	134
18 to 17 years	1,086	287	24.5	185	82	30.7	819	24	741	1	54
18 to 19 years	1,022	410	40.1	257	153	37.2	812	84	446	2	80
20 to 24 years	2,494	1,854	66.3	1,374	280	16.9	840	251	380	51	178
25 to 54 years	13,010	10,272	79.0	9,338	934	9.1	2,738	1,266	212	517	742
25 to 34 years	5,310	4,194	79.0	3,748	446	10.6	1,116	557	151	121	287
25 to 29 years	2,544	2,003	78.7	1,772	231	11.5	541	273	87	47	135
30 to 34 years	2,766	2,191	79.2	1,976	215	9.8	575	284	65	73	152
35 to 44 years	4,889	3,791	80.8	3,450	341	9.0	898	405	38	194	261
35 to 39 years	2,566	2,079	81.0	1,874	206	9.9	487	221	26	94	145
40 to 44 years	2,123	1,712	80.6	1,576	135	7.9	412	183	12	100	116
45 to 54 years	3,011	2,288	76.0	2,140	147	6.4	724	304	23	202	195
45 to 49 years	1,638	1,297	79.2	1,204	93	7.2	340	153	15	94	78
50 to 54 years	1,374	990	72.1	936	54	5.5	383	151	8	108	117
55 to 64 years	2,201	1,078	49.0	1,008	69	6.4	1,123	355	5	227	537
55 to 59 years	1,167	875	57.8	829	46	6.9	492	170	3	126	194
60 to 64 years	1,034	402	38.9	379	23	5.7	631	185	2	101	343
65 years and over	2,892	255	9.5	244	11	4.2	2,437	510	-	250	1,878
85 to 69 years	891	153	17.1	145	8	5.1	738	172	-	59	507
70 to 74 years	783	57	7.3	57	-	(¹)	726	145	-	67	513
75 years and over	1,017	45	4.4	42	3	(¹)	973	193	-	124	657
Men											
16 years and over	10,168	6,787	66.6	8,001	766	11.3	3,401	176	858	566	1,801
16 to 19 years	1,049	333	31.7	208	124	37.4	717	14	628	2	72
16 to 17 years	548	131	23.9	84	47	38.1	417	3	390	1	23
18 to 19 years	502	202	40.2	124	77	38.3	300	12	238	1	50
20 to 24 years	1,163	837	71.9	696	141	16.8	326	15	184	42	106
25 to 54 years	5,871	4,927	83.9	4,471	456	9.2	944	117	65	299	463
25 to 34 years	2,422	2,085	86.1	1,879	207	9.9	337	50	46	81	180
25 to 29 years	1,161	1,009	86.9	906	103	10.2	152	20	28	26	78
30 to 34 years	1,261	1,076	85.3	973	103	9.8	185	30	18	35	102
35 to 44 years	2,112	1,774	84.0	1,812	162	9.1	338	44	14	113	167
35 to 39 years	1,159	973	83.9	884	89	9.2	186	21	11	52	102
40 to 44 years	953	801	84.0	728	73	9.1	152	23	3	61	65
45 to 54 years	1,337	1,068	79.9	981	87	8.2	269	24	5	125	115
45 to 49 years	727	610	83.9	549	61	10.0	117	17	3	52	45
50 to 54 years	810	458	56.5	432	26	5.6	153	7	2	73	71
55 to 64 years	989	536	54.2	498	38	7.1	453	10	1	121	320
55 to 59 years	528	321	60.9	297	25	7.6	206	7	1	68	131
60 to 64 years	461	214	46.5	201	14	6.3	247	4	-	53	190
65 years and over	1,095	135	12.3	128	7	5.3	960	19	-	101	840
65 to 69 years	382	84	22.0	78	7	7.9	298	6	-	32	260
70 to 74 years	338	30	8.8	30	-	(¹)	308	-	-	34	274
75 years and over	375	21	5.6	21	-	(¹)	354	13	-	35	305
Women											
16 years and over	12,337	7,188	58.1	6,405	763	10.8	5,189	2,314	905	483	1,466
16 to 19 years	1,059	344	32.5	234	110	32.0	715	93	558	1	62
16 to 17 years	536	136	25.2	101	34	25.4	403	21	350	-	31
18 to 19 years	520	208	40.1	133	75	36.2	312	72	208	1	30
20 to 24 years	1,331	817	61.4	877	139	17.1	514	237	198	9	72
25 to 54 years	7,139	5,345	74.9	4,867	479	9.0	1,794	1,149	147	218	280
25 to 34 years	2,888	2,109	73.0	1,869	240	11.4	779	507	105	60	107
25 to 29 years	1,363	994	71.8	866	128	12.9	389	259	59	21	56
30 to 34 years	1,505	1,115	74.1	1,003	112	10.0	390	254	46	39	50
35 to 44 years	2,577	2,017	78.3	1,638	179	8.9	580	361	24	81	94
35 to 39 years	1,406	1,106	78.6	990	118	10.5	300	201	15	42	43
40 to 44 years	1,171	911	77.8	848	63	6.9	260	161	10	39	50
45 to 54 years	1,674	1,220	72.9	1,160	60	4.9	454	280	18	77	79
45 to 49 years	911	687	75.5	655	32	4.6	224	138	12	42	33
50 to 54 years	763	533	69.8	504	28	5.3	231	144	5	35	46
55 to 64 years	1,212	542	44.7	511	31	5.8	670	344	4	105	217
55 to 59 years	640	354	55.3	332	22	6.2	266	163	2	58	63
60 to 64 years	573	188	32.9	179	10	5.1	384	181	2	48	153
65 years and over	1,597	120	7.5	116	4	3.1	1,477	491	-	149	837
65 to 69 years	509	68	13.5	67	1	(¹)	440	167	-	27	247
70 to 74 years	445	28	6.2	28	-	(¹)	417	145	-	34	239
75 years and over	643	24	3.7	21	2	(¹)	619	180	-	88	351

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age and sex	December 1993								Not in labor force
	Civilian noninstitutional population	Civilian labor force							
		Total	Percent of population	Employed			Unemployed		
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL									
18 years and over	29,956	18,825	82.8	16,904	218	16,686	1,921	10.2	11,132
16 to 19 years	2,891	866	32.2	597	4	593	269	31.1	1,825
16 to 17 years	1,376	333	24.2	234	-	234	99	29.6	1,043
18 to 19 years	1,315	533	40.5	382	4	358	171	32.0	782
20 to 24 years	3,342	2,179	65.0	1,840	28	1,812	339	15.3	1,168
25 to 54 years	17,707	14,001	79.1	12,800	155	12,645	1,201	8.8	3,706
25 to 34 years	7,007	5,512	78.7	4,955	82	4,893	557	10.1	1,496
25 to 29 years	3,334	2,626	78.8	2,348	40	2,308	277	10.6	708
30 to 34 years	3,673	2,888	78.6	2,607	22	2,585	279	9.7	787
35 to 44 years	6,404	5,164	80.6	4,731	54	4,678	433	8.4	1,240
35 to 39 years	3,474	2,788	80.2	2,529	29	2,500	258	9.2	688
40 to 44 years	2,930	2,378	81.2	2,202	26	2,176	178	7.4	552
45 to 54 years	4,296	3,325	77.4	3,114	39	3,076	211	8.3	971
45 to 49 years	2,358	1,877	79.6	1,752	17	1,735	125	6.7	481
50 to 54 years	1,938	1,448	74.7	1,363	22	1,341	86	5.9	490
55 to 64 years	2,869	1,449	50.5	1,352	23	1,330	97	6.7	1,420
55 to 59 years	1,536	922	60.1	859	11	848	63	6.8	813
60 to 64 years	1,334	527	39.5	493	12	481	34	8.4	807
65 years and over	3,348	338	10.0	315	9	306	21	6.3	3,012
65 to 69 years	1,152	194	16.9	179	3	175	18	8.0	958
70 to 74 years	969	78	8.0	75	2	73	3	3.4	891
75 years and over	1,226	63	5.2	80	3	57	3	(¹)	1,163
Men									
18 years and over	13,700	9,442	88.9	8,458	194	8,262	988	10.4	4,258
16 to 19 years	1,341	437	32.6	293	4	289	145	33.1	904
16 to 17 years	894	189	24.4	113	-	113	56	33.1	524
18 to 19 years	647	268	41.4	179	4	175	89	33.1	379
20 to 24 years	1,597	1,144	71.6	972	21	950	173	15.1	459
25 to 54 years	8,132	6,948	85.4	6,343	142	6,202	604	8.7	1,184
25 to 34 years	3,241	2,907	88.8	2,543	60	2,482	285	9.4	434
25 to 29 years	1,540	1,336	86.8	1,208	40	1,168	128	9.6	203
30 to 34 years	1,702	1,471	86.5	1,334	20	1,314	137	9.3	230
35 to 44 years	2,927	2,516	85.9	2,298	47	2,251	218	8.7	411
35 to 39 years	1,586	1,358	85.7	1,235	28	1,206	124	9.1	227
40 to 44 years	1,342	1,158	86.3	1,063	19	1,044	94	8.1	184
45 to 54 years	1,963	1,625	82.8	1,503	34	1,469	122	7.5	339
45 to 49 years	1,051	896	85.3	820	14	807	75	8.4	155
50 to 54 years	913	729	79.9	682	20	662	46	8.4	184
55 to 64 years	1,267	736	58.1	684	20	665	51	7.0	532
55 to 59 years	683	452	68.1	418	9	409	34	7.5	232
60 to 64 years	584	284	48.7	267	11	256	18	6.2	300
65 years and over	1,362	177	13.0	164	7	157	13	7.3	1,186
65 to 69 years	497	109	21.9	97	2	95	12	11.0	388
70 to 74 years	414	39	9.5	39	2	37	-	(¹)	375
75 years and over	451	29	6.3	28	3	25	1	(¹)	423
Women									
16 years and over	18,256	9,382	57.7	8,448	24	8,424	934	10.0	6,874
16 to 19 years	1,350	428	31.7	304	-	304	124	29.1	921
16 to 17 years	882	164	24.0	121	-	121	43	26.0	518
18 to 19 years	688	265	39.7	183	-	183	82	30.9	403
20 to 24 years	1,744	1,029	59.0	869	7	862	160	15.8	715
25 to 54 years	9,575	7,053	73.7	6,457	13	6,444	596	8.5	2,522
25 to 34 years	3,766	2,704	71.8	2,412	1	2,411	292	10.8	1,062
25 to 29 years	1,795	1,290	71.9	1,140	-	1,140	150	11.8	505
30 to 34 years	1,971	1,415	71.8	1,272	1	1,271	142	10.1	557
35 to 44 years	3,477	2,648	76.2	2,433	7	2,426	216	8.1	829
35 to 39 years	1,889	1,428	75.8	1,294	-	1,294	134	9.4	461
40 to 44 years	1,588	1,220	76.8	1,138	8	1,132	82	6.7	368
45 to 54 years	2,333	1,701	72.9	1,612	5	1,607	89	5.2	832
45 to 49 years	1,307	981	75.1	932	3	928	50	5.1	326
50 to 54 years	1,025	719	70.1	680	2	679	39	5.4	306
55 to 84 years	1,602	713	44.5	668	3	665	45	6.3	889
55 to 59 years	852	471	55.2	441	2	439	29	6.2	382
60 to 64 years	750	242	32.3	226	1	226	16	6.6	507
65 years and over	1,985	159	8.0	151	2	149	8	5.2	1,826
65 to 69 years	655	86	13.1	82	2	80	4	4.2	570
70 to 74 years	555	39	6.9	38	-	36	2	(¹)	516
75 years and over	775	35	4.5	33	-	33	2	(¹)	740

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status and race	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993
TOTAL								
Civilian noninstitutional population	192,509	194,472	85,369	86,373	93,960	94,764	13,181	13,335
Civilian labor force	126,902	128,401	65,509	66,072	54,997	55,931	6,396	6,398
Percent of population	65.9	66.0	76.7	76.5	58.5	59.0	48.5	48.0
Employed	118,073	120,636	61,126	62,265	51,688	52,978	5,260	5,393
Agriculture	2,931	2,837	2,184	2,146	552	548	195	144
Nonagricultural industries	115,142	117,800	58,942	60,119	51,136	52,431	5,064	5,250
Unemployed	8,829	7,764	4,383	3,807	3,309	2,952	1,136	1,005
Unemployment rate	7.0	6.0	6.7	5.8	6.0	5.3	17.8	15.7
Not in labor force	65,607	66,071	19,860	20,301	38,963	38,833	6,785	6,937
White								
Civilian noninstitutional population	163,259	164,516	73,372	74,014	79,371	79,857	10,517	10,645
Civilian labor force	108,390	109,576	56,735	57,067	46,218	46,977	5,436	5,533
Percent of population	66.4	66.6	77.3	77.1	58.2	58.8	51.7	52.0
Employed	101,847	103,733	53,359	54,102	43,847	44,834	4,640	4,797
Agriculture	2,733	2,619	2,023	1,956	523	523	187	139
Nonagricultural industries	99,114	101,114	51,336	52,146	43,324	44,311	4,454	4,657
Unemployed	6,543	5,844	3,376	2,965	2,371	2,143	796	736
Unemployment rate	6.0	5.3	6.0	5.2	5.1	4.6	14.6	13.3
Not in labor force	54,869	54,939	16,636	16,947	33,152	32,880	5,080	5,112
Black								
Civilian noninstitutional population	22,131	22,504	8,942	9,118	11,108	11,278	2,081	2,108
Civilian labor force	13,852	13,935	6,420	6,434	6,690	6,824	742	676
Percent of population	62.6	61.9	71.8	70.6	60.2	60.5	35.7	32.1
Employed	11,959	12,406	5,599	5,793	5,899	6,171	461	442
Agriculture	138	143	116	129	16	13	6	1
Nonagricultural industries	11,821	12,263	5,483	5,664	5,883	6,157	455	441
Unemployed	1,893	1,529	821	641	791	653	261	234
Unemployment rate	13.7	11.0	12.8	10.0	11.8	9.6	37.8	34.6
Not in labor force	8,279	8,569	2,522	2,684	4,418	4,454	1,339	1,431

A-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	December 1993									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	Percent of labor force
TOTAL ENROLLED										
Total, 16 to 24 years	16,031	7,556	47.1	6,768	1,285	5,483	789	118	671	10.4
16 to 19 years	10,498	4,324	41.2	3,703	322	3,381	622	55	567	14.4
20 to 24 years	5,532	3,232	58.4	3,065	963	2,102	167	63	104	5.2
High school	7,865	3,009	38.3	2,521	123	2,398	488	40	448	16.2
College	8,165	4,548	55.7	4,247	1,162	3,085	301	77	223	6.6
Full-time students	6,955	3,474	50.0	3,212	523	2,689	262	54	208	7.5
Part-time students	1,211	1,073	88.7	1,035	639	396	38	23	15	3.6
Men, 16 to 24 years	8,169	3,722	45.6	3,271	695	2,576	451	70	381	12.1
16 to 19 years	5,363	2,109	39.3	1,755	185	1,570	354	32	322	16.8
20 to 24 years	2,806	1,613	57.5	1,516	510	1,006	97	38	59	6.0
High school	4,215	1,561	37.0	1,286	73	1,213	275	22	253	17.6
College	3,953	2,161	54.7	1,984	621	1,363	176	48	128	8.2
Full-time students	3,417	1,662	48.6	1,502	318	1,185	160	35	125	9.6
Part-time students	536	498	92.9	482	304	178	16	13	4	3.3
Women, 16 to 24 years	7,862	3,835	48.8	3,497	590	2,907	338	48	290	8.8
16 to 19 years	5,135	2,216	43.1	1,948	137	1,811	268	22	245	12.1
20 to 24 years	2,727	1,619	59.4	1,549	453	1,096	70	25	45	4.3
High school	3,650	1,448	39.7	1,234	49	1,185	213	18	195	14.7
College	4,212	2,387	56.7	2,263	540	1,722	124	30	95	5.2
Full-time students	3,538	1,812	51.2	1,710	205	1,505	102	19	83	5.7
Part-time students	674	575	85.3	553	336	218	22	10	11	3.8
White										
Total, 16 to 24 years	12,802	6,510	50.9	5,957	1,114	4,843	554	66	488	8.5
16 to 19 years	8,355	3,782	45.3	3,316	279	3,037	466	41	425	12.3
20 to 24 years	4,448	2,728	61.3	2,641	835	1,806	88	25	62	3.2
Men	6,523	3,182	48.8	2,863	600	2,263	319	43	277	10.0
Women	6,279	3,328	53.0	3,094	514	2,580	234	24	211	7.0
High school	6,137	2,587	42.2	2,227	98	2,128	361	30	331	13.9
College	6,666	3,923	58.9	3,730	1,016	2,715	193	36	157	4.9
Full-time students	5,646	2,998	53.1	2,831	453	2,378	167	23	145	5.6
Part-time students	1,019	925	90.7	899	563	336	26	14	12	2.8
Black										
Total, 16 to 24 years	2,312	719	31.1	533	117	415	187	36	150	25.9
16 to 19 years	1,646	407	24.7	276	32	244	130	11	119	32.0
20 to 24 years	666	312	46.9	256	85	171	56	25	31	18.0
Men	1,164	351	30.1	249	61	189	102	19	82	28.9
Women	1,148	369	32.1	284	57	227	85	17	68	23.1
High school	1,386	332	23.9	225	20	205	106	7	99	32.1
College	926	388	41.9	308	98	210	80	29	51	20.7
Full-time students	796	292	36.7	219	48	171	73	24	50	25.2
Part-time students	130	96	73.5	89	50	39	7	5	1	6.9
Hispanic origin										
Total, 16 to 24 years	1,488	583	39.1	488	140	348	95	11	83	16.3
16 to 19 years	1,058	318	30.0	242	37	205	76	8	68	23.9
20 to 24 years	430	265	61.7	246	103	143	19	4	15	7.1
Men	714	277	38.8	223	73	150	54	9	45	19.6
Women	774	306	39.5	265	67	198	40	2	36	13.2
High school	896	227	25.3	163	20	143	64	7	57	28.1
College	592	356	60.1	325	120	205	31	5	26	8.7
Full-time students	463	242	52.2	215	46	169	27	1	25	(²)
Part-time students	129	114	88.5	110	74	36	4	3	1	3.6

See footnotes at end of table.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Enrollment status, educational attainment, race, and Hispanic origin	December 1993									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	Percent of labor force
TOTAL NOT ENROLLED										
Total, 16 to 24 years	14,774	12,063	81.6	10,671	8,782	1,889	1,391	1,256	135	11.5
16 to 19 years	2,837	2,074	73.1	1,691	1,117	574	383	341	42	18.5
20 to 24 years	11,937	9,989	83.7	8,980	7,665	1,315	1,008	915	93	10.1
Less than a high school diploma	3,216	2,005	62.3	1,575	1,197	378	429	382	48	21.4
High school graduates, no college	6,746	5,616	83.2	4,892	3,985	907	724	658	65	12.9
Less than a bachelor's degree	3,326	2,995	90.1	2,824	2,356	468	171	151	20	5.7
College graduates	1,487	1,447	97.3	1,379	1,243	136	67	65	3	4.7
Men, 16 to 24 years	7,151	6,463	90.4	5,659	4,957	702	804	757	47	12.4
16 to 19 years	1,380	1,138	82.4	900	657	243	238	218	20	20.9
20 to 24 years	5,771	5,325	92.3	4,760	4,301	459	565	539	27	10.6
Less than a high school diploma	1,648	1,350	81.9	1,079	902	177	270	256	14	20.0
High school graduates, no college	3,365	3,068	91.2	2,633	2,310	323	435	407	28	14.2
Less than a bachelor's degree	1,528	1,450	94.9	1,390	1,229	161	60	57	3	4.1
College graduates	610	595	97.6	557	516	41	38	36	2	6.4
Women, 16 to 24 years	7,624	5,600	73.4	5,012	3,825	1,187	588	499	88	10.5
16 to 19 years	1,457	936	64.3	791	460	331	145	123	22	15.5
20 to 24 years	6,167	4,663	75.6	4,221	3,364	856	443	376	66	9.5
Less than a high school diploma	1,568	655	41.8	496	295	201	159	125	33	24.3
High school graduates, no college	3,381	2,548	75.4	2,259	1,675	584	289	251	37	11.3
Less than a bachelor's degree	1,798	1,545	85.9	1,434	1,128	307	111	94	17	7.2
College graduates	877	852	97.2	822	727	96	29	29	-	3.4
White										
Total, 16 to 24 years	11,970	10,069	84.1	9,045	7,517	1,528	1,024	928	96	10.2
16 to 19 years	2,290	1,750	76.4	1,481	1,014	467	270	244	25	15.4
20 to 24 years	9,680	8,319	85.9	7,565	6,503	1,062	754	683	71	9.1
Men	5,858	5,421	92.5	4,803	4,261	542	618	583	34	11.4
Women	6,112	4,649	76.1	4,242	3,256	986	406	344	62	8.7
Less than a high school diploma	2,480	1,638	66.1	1,312	1,021	292	326	299	27	19.9
High school graduates, no college	5,369	4,600	85.7	4,076	3,352	724	524	466	58	11.4
Less than a bachelor's degree	2,789	2,530	90.7	2,412	2,024	388	117	107	11	4.6
College graduates	1,332	1,301	97.7	1,245	1,120	124	57	56	-	4.3
Black										
Total, 16 to 24 years	2,290	1,611	70.4	1,283	978	305	328	298	30	20.3
16 to 19 years	462	270	58.3	166	74	92	104	87	17	38.6
20 to 24 years	1,828	1,341	73.4	1,118	904	213	224	211	13	16.7
Men	1,048	819	78.1	655	522	134	164	154	10	20.0
Women	1,242	792	63.8	628	457	171	164	144	20	20.7
Less than a high school diploma	580	263	45.3	174	105	69	89	71	18	34.0
High school graduates, no college	1,186	872	73.6	689	523	166	183	180	3	20.9
Less than a bachelor's degree	440	394	89.4	348	283	65	46	40	6	11.7
College graduates	84	82	98.1	73	67	5	10	8	2	12.0
Hispanic origin										
Total, 16 to 24 years	2,047	1,510	73.8	1,298	1,093	205	213	203	10	14.1
16 to 19 years	465	297	63.9	235	181	54	62	64	-	20.9
20 to 24 years	1,582	1,213	76.7	1,062	911	151	151	139	12	12.4
Men	1,050	951	90.6	819	723	96	132	127	5	13.9
Women	998	559	56.0	479	370	109	80	76	5	14.4
Less than a high school diploma	964	615	63.8	511	436	75	104	100	4	16.9
High school graduates, no college	730	589	80.7	500	411	90	89	85	4	15.1
Less than a bachelor's degree	282	239	84.7	226	195	31	13	12	2	5.6
College graduates	71	67	(²)	61	51	9	6	6	-	(²)

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

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

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

college students into that group. Educational attainment levels, beginning January 1992, have been revised to reflect degrees or diplomas received rather than years of school completed. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

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

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	Dec. 1992	Dec. 1993	Total		Employed		Unemployed			
			Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Number		Percent of labor force	
							Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,890	7,919	7,006	7,008	6,590	6,676	416	332	5.9	4.7
35 to 49 years	6,126	5,746	5,665	5,340	5,309	5,070	356	270	6.3	5.1
35 to 39 years	842	635	766	586	691	546	75	40	9.8	6.8
40 to 44 years	2,487	2,100	2,283	1,943	2,129	1,819	154	125	6.8	6.4
45 to 49 years	2,797	3,011	2,616	2,810	2,490	2,705	127	105	4.8	3.7
50 years and over	1,764	2,173	1,341	1,668	1,280	1,606	61	62	4.5	3.7
NONVETERANS										
Total, 35 to 49 years	19,849	20,866	18,508	19,294	17,463	18,337	1,045	957	5.6	5.0
35 to 39 years	8,871	9,106	8,362	8,501	7,825	8,067	537	433	6.4	5.1
40 to 44 years	6,495	7,053	6,060	6,503	5,769	6,189	290	314	4.8	4.8
45 to 49 years	4,483	4,707	4,087	4,290	3,869	4,081	218	210	5.3	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.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Sex, age, and race	December 1993							
	Employed						Unemployed	
	Full time			Part time			Looking for full-time work	Looking for part-time work
	Total	Full-time schedules ¹	Part time for economic reasons, usually work full time	Total	Voluntary ¹	Part time for economic reasons, usually work part time		
TOTAL								
Total, 16 years and over	98,995	96,990	2,005	21,642	17,557	4,085	6,433	1,332
16 to 19 years	1,439	1,363	76	3,955	3,625	329	395	609
16 to 17 years	113	106	8	2,063	2,006	57	47	378
18 to 19 years	1,325	1,258	68	1,891	1,619	272	349	231
20 years and over	97,556	95,627	1,930	17,687	13,931	3,756	6,037	722
20 to 24 years	8,628	8,399	229	3,418	2,701	716	978	197
25 years and over	88,928	87,227	1,701	14,269	11,230	3,040	5,059	525
25 to 54 years	77,932	76,508	1,424	10,427	7,824	2,602	4,565	406
55 years and over	10,997	10,720	277	3,843	3,405	437	495	120
Men, 16 years and over	57,635	56,382	1,253	7,284	5,682	1,602	3,815	584
16 to 19 years	842	799	42	1,813	1,670	143	250	342
20 years and over	56,794	55,582	1,211	5,471	4,012	1,460	3,565	242
20 to 24 years	4,810	4,683	128	1,465	1,161	304	577	86
25 years and over	51,983	50,900	1,083	4,006	2,851	1,155	2,988	156
25 to 54 years	45,390	44,492	897	2,393	1,396	997	2,665	85
55 years and over	6,593	6,408	186	1,613	1,455	159	323	71
Women, 16 years and over	41,360	40,608	752	14,357	11,875	2,483	2,618	747
16 to 19 years	597	564	33	2,142	1,955	186	146	267
20 years and over	40,763	40,044	718	12,215	9,919	2,296	2,473	480
20 to 24 years	3,818	3,717	101	1,952	1,540	412	402	111
25 years and over	36,945	36,328	618	10,263	8,379	1,884	2,071	369
25 to 54 years	32,542	32,015	526	8,034	6,428	1,605	1,900	320
55 years and over	4,403	4,312	91	2,229	1,951	279	171	49
White								
Men, 16 years and over	50,278	49,221	1,057	6,186	4,953	1,233	2,971	442
16 to 19 years	771	728	43	1,591	1,474	117	193	255
20 years and over	49,507	48,493	1,014	4,595	3,479	1,116	2,778	188
20 to 24 years	4,090	3,980	111	1,214	985	229	433	56
25 years and over	45,416	44,513	903	3,381	2,494	887	2,345	131
25 to 54 years	39,532	38,797	734	1,907	1,147	760	2,074	72
55 years and over	5,885	5,716	169	1,474	1,347	127	271	59
Women, 16 years and over	34,590	34,002	589	12,679	10,662	2,017	1,858	573
16 to 19 years	523	496	27	1,912	1,757	155	93	196
20 years and over	34,068	33,506	562	10,767	8,905	1,862	1,765	377
20 to 24 years	3,247	3,172	75	1,654	1,308	346	275	77
25 years and over	30,820	30,334	487	9,113	7,597	1,516	1,490	300
25 to 54 years	27,016	26,608	409	7,102	5,811	1,292	1,356	267
55 years and over	3,804	3,726	78	2,010	1,786	224	134	33
Black								
Men, 16 years and over	5,216	5,068	148	785	495	290	657	109
16 to 19 years	48	48	-	160	136	24	49	75
20 years and over	5,168	5,020	148	625	359	266	608	34
20 to 24 years	534	520	15	162	101	61	124	17
25 years and over	4,634	4,500	133	463	258	205	484	17
25 to 54 years	4,125	4,001	124	346	168	178	447	9
55 years and over	508	499	9	117	90	27	37	8
Women, 16 years and over	5,177	5,039	138	1,228	864	364	631	133
16 to 19 years	58	54	5	176	149	26	49	60
20 years and over	5,118	4,985	133	1,052	714	338	581	72
20 to 24 years	455	433	22	222	167	56	112	28
25 years and over	4,663	4,552	111	830	548	282	469	44
25 to 54 years	4,212	4,110	103	654	410	244	440	38
55 years and over	451	443	9	176	137	38	29	6

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

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

(Numbers in thousands)

Family relationship	December 1993									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over ¹	101,403	66.6	95,322	6,081	6.0	50,824	18,705	8,563	3,234	20,322
Husbands	40,310	77.0	38,775	1,536	3.8	12,009	277	212	1,269	10,251
With employed wife	27,660	90.8	26,699	960	3.5	2,808	145	121	534	2,008
With unemployed wife	1,096	89.4	942	154	14.1	129	8	7	36	79
With wife not in labor force	11,555	56.0	11,133	422	3.6	9,071	124	85	698	8,164
Wives	31,694	60.6	30,468	1,226	3.9	20,625	14,290	426	581	5,329
With employed husband	27,642	71.3	26,699	942	3.4	11,133	9,253	353	209	1,317
With unemployed husband	1,114	72.6	960	154	13.8	422	332	18	18	54
With husband not in labor force	2,938	24.5	2,808	129	4.4	9,071	4,705	54	354	3,958
Relatives in married-couple families	11,988	60.4	10,697	1,290	10.8	7,855	623	5,476	350	1,406
16 to 19 years	3,981	47.3	3,477	504	12.7	4,439	90	4,085	12	251
20 to 24 years	4,292	72.3	3,933	359	8.4	1,647	98	1,230	58	260
25 years and over	3,714	67.7	3,287	427	11.5	1,769	435	161	280	895
Women who maintain families	7,409	63.0	6,696	713	9.6	4,349	2,460	295	337	1,256
Relatives in families maintained by women	5,545	57.4	4,723	821	14.8	4,116	722	1,740	499	1,155
16 to 19 years	1,224	42.9	933	291	23.8	1,628	102	1,357	4	164
20 to 24 years	1,530	71.0	1,336	193	12.6	625	143	297	47	137
25 years and over	2,791	60.0	2,454	337	12.1	1,863	477	86	448	854
Men who maintain families	2,574	76.9	2,349	225	8.8	772	67	39	118	548
Relatives in families maintained by men	1,884	63.2	1,614	270	14.3	1,099	266	375	80	377
16 to 19 years	300	52.2	240	59	19.8	274	10	247	-	17
20 to 24 years	407	71.2	336	72	17.6	164	24	101	2	37
25 years and over	1,177	64.0	1,038	139	11.8	661	232	27	78	323

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Marital status, race, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993
Total, 16 years and over	5,058	4,399	7.3	6.3	3,771	3,365	6.5	5.7
Married, spouse present	2,061	1,685	4.8	3.9	1,498	1,334	4.7	4.1
Widowed, divorced, or separated	746	677	10.0	8.5	887	720	7.6	6.0
Single (never married)	2,252	2,038	12.1	11.0	1,386	1,311	9.7	9.1
White, 16 years and over	3,848	3,413	6.5	5.7	2,695	2,431	5.5	4.9
Married, spouse present	1,692	1,400	4.4	3.7	1,228	1,119	4.3	3.9
Widowed, divorced, or separated	598	516	9.6	7.8	660	513	7.1	5.4
Single (never married)	1,558	1,497	10.3	9.9	808	799	7.3	7.1
Black, 16 years and over	985	766	14.4	11.3	908	763	12.9	10.6
Married, spouse present	273	190	8.6	6.1	191	135	8.0	5.6
Widowed, divorced, or separated	125	122	12.8	11.8	196	173	9.9	8.5
Single (never married)	587	454	22.1	17.4	521	455	19.6	16.7
Total, 25 years and over	3,574	3,145	6.1	5.3	2,684	2,440	5.5	4.9
Married, spouse present	1,961	1,567	4.7	3.8	1,327	1,178	4.4	3.8
Widowed, divorced, or separated	718	648	9.9	8.4	845	675	7.5	5.8
Single (never married)	896	929	9.3	9.2	512	587	7.3	8.2
White, 25 years and over	2,820	2,476	5.6	4.8	1,987	1,790	4.9	4.3
Married, spouse present	1,603	1,298	4.3	3.5	1,090	989	4.1	3.6
Widowed, divorced, or separated	571	496	9.4	7.7	630	472	7.0	5.1
Single (never married)	645	682	8.3	8.4	266	328	5.2	6.4
Black, 25 years and over	614	501	11.1	8.9	576	514	9.9	8.6
Married, spouse present	265	178	8.6	5.8	161	115	7.1	5.0
Widowed, divorced, or separated	125	113	13.0	11.1	185	171	9.5	8.5
Single (never married)	224	210	15.2	13.6	230	228	14.0	13.5

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993
Total, 16 years and over	8,829	7,764	7.0	6.0	7.3	6.3	6.5	5.7
Managerial and professional specialty	964	867	3.0	2.6	3.0	2.6	2.9	2.6
Executive, administrative, and managerial	557	480	3.6	3.0	3.5	2.5	3.8	3.6
Professional specialty	407	387	2.4	2.2	2.4	2.6	2.4	1.8
Technical, sales, and administrative support	2,112	1,837	5.4	4.7	5.1	4.0	5.6	5.1
Technicians and related support	175	159	4.1	3.9	4.8	2.9	3.5	4.9
Sales occupations	894	806	5.9	5.1	4.2	4.1	7.6	6.2
Administrative support, including clerical	1,042	872	5.4	4.5	7.0	4.4	4.9	4.5
Service occupations	1,343	1,188	7.6	6.6	7.3	7.2	7.9	6.2
Private household	91	50	9.2	5.3	(¹)	(¹)	9.0	5.3
Protective service	79	98	3.6	4.4	2.9	4.0	7.4	6.5
Service, except private household and protective	1,173	1,040	8.2	7.1	8.8	8.3	7.8	6.3
Precision production, craft, and repair	1,255	1,069	8.7	7.4	8.6	7.3	9.0	8.0
Mechanics and repairers	316	242	6.6	5.1	6.7	5.0	1.8	7.8
Construction trades	662	603	12.1	11.1	12.1	11.1	12.3	10.7
Other precision production, craft, and repair	277	225	6.5	5.2	5.5	4.4	9.6	7.7
Operators, fabricators, and laborers	1,872	1,694	9.9	8.9	9.9	8.6	9.9	9.8
Machine operators, assemblers, and inspectors	777	736	9.3	8.9	8.8	7.6	10.2	11.0
Transportation and material moving occupations	394	390	7.5	7.1	7.7	7.3	5.2	4.4
Handlers, equipment cleaners, helpers, and laborers	702	568	13.2	10.9	13.6	11.5	11.1	8.6
Construction laborers	198	168	25.3	20.5	25.0	20.3	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	503	399	11.1	9.1	11.3	9.4	10.4	8.2
Farming, forestry, and fishing	356	352	10.4	10.7	9.7	10.4	14.1	12.6
No previous work experience	873	710	-	-	-	-	-	-
16 to 19 years	556	445	-	-	-	-	-	-
20 to 24 years	158	134	-	-	-	-	-	-
25 years and over	160	131	-	-	-	-	-	-

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-13. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993
Total, 16 years and over	8,829	7,764	7.0	6.0	7.3	6.3	6.5	5.7
Nonagricultural private wage and salary workers	6,858	6,055	7.2	6.3	7.6	6.6	6.8	6.0
Mining	34	43	5.2	5.9	5.9	6.2	1.0	4.8
Construction	980	784	16.7	13.3	17.2	13.8	10.0	7.9
Manufacturing	1,464	1,258	7.1	6.2	6.6	5.5	8.2	7.8
Durable goods	874	717	7.3	6.1	6.9	5.7	8.5	7.1
Lumber and wood products	61	50	9.2	7.2	8.7	6.7	12.0	10.3
Furniture and fixtures	49	35	7.1	4.9	5.9	5.8	9.8	2.6
Stone, clay, and glass products	49	38	8.5	7.0	7.2	7.2	14.7	6.1
Primary metal industries	49	40	6.3	5.3	6.1	5.8	7.3	2.6
Fabricated metal products	109	89	9.1	7.2	9.2	7.1	8.5	7.5
Machinery and computing equipment	135	111	5.7	4.7	5.6	3.5	6.1	8.6
Electrical machinery, equipment, and supplies	150	93	8.0	5.1	7.7	5.7	8.4	4.1
Transportation equipment	168	159	7.0	6.6	6.3	6.0	9.4	8.5
Automobiles	55	77	4.6	6.1	4.9	5.5	3.6	7.9
Other transportation equipment	113	82	9.3	7.1	7.7	6.6	15.5	9.3
Professional and photographic equipment	36	30	4.7	4.3	4.3	2.9	5.2	6.7
Other durable goods industries	68	72	11.5	12.5	10.7	11.3	12.3	14.4
Nondurable goods	590	541	6.8	6.4	6.1	5.1	7.8	8.4
Food and kindred products	149	124	8.8	7.2	7.0	4.7	12.7	11.9
Textile mill products	35	44	4.8	6.4	2.9	7.2	6.8	5.3
Apparel and other textile products	115	135	10.0	12.6	10.3	11.4	9.9	13.1
Paper and allied products	36	29	4.7	3.8	5.2	2.5	3.5	7.4
Printing and publishing	101	93	5.7	5.5	6.3	6.0	4.9	4.7
Chemicals and allied products	47	46	3.6	3.4	3.2	2.8	4.3	4.7
Rubber and miscellaneous plastics products	70	50	7.8	6.6	7.6	5.5	8.2	9.3
Other nondurable goods industries	37	21	10.4	5.7	9.3	5.5	12.1	5.3
Transportation and public utilities	342	334	5.0	4.9	5.5	5.2	3.9	4.0
Transportation	261	246	6.6	5.9	7.0	6.4	5.2	4.1
Communications and other public utilities	81	88	2.9	3.3	3.0	3.0	2.7	3.9
Wholesale and retail trade	1,839	1,695	7.4	6.8	6.5	6.3	8.5	7.2
Wholesale trade	313	262	6.7	6.0	5.9	5.4	8.7	7.4
Retail trade	1,525	1,433	7.6	6.9	6.7	6.6	8.4	7.2
Finance, insurance, and real estate	306	252	4.3	3.4	3.9	3.1	4.5	3.6
Service industries	1,894	1,689	6.6	5.7	7.4	6.1	6.0	5.4
Professional services	654	653	3.8	3.6	3.7	3.2	3.8	3.8
Other service industries	1,240	1,036	10.7	8.8	10.6	8.9	10.8	8.7
Agricultural wage and salary workers	260	244	14.2	13.2	13.3	12.9	17.2	14.0
Government, self-employed, and unpaid family workers	837	755	2.8	2.5	3.3	2.9	2.4	2.1
No previous work experience	873	710	-	-	-	-	-	-

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

(Numbers in thousands)

Reason for unemployment	Total unemployed		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years		White		Black	
	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993
NUMBER OF UNEMPLOYED												
Total unemployed	8,829	7,764	4,383	3,807	3,309	2,952	1,136	1,005	6,543	5,844	1,893	1,529
Job losers	5,142	4,492	3,183	2,740	1,727	1,523	232	229	3,949	3,506	1,002	785
On layoff	1,276	1,145	878	757	367	346	31	41	1,063	989	177	122
Other job losers	3,866	3,348	2,305	1,984	1,360	1,176	201	188	2,886	2,517	825	663
Job leavers	880	834	381	362	372	342	127	130	700	647	138	143
Reentrants	2,007	1,783	710	604	1,033	944	264	235	1,421	1,270	497	412
New entrants	801	655	110	100	177	143	514	411	473	420	256	189
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	58.2	57.9	72.6	72.0	52.2	51.6	20.4	22.8	60.4	60.0	52.9	51.3
On layoff	14.5	14.7	20.0	19.9	11.1	11.7	2.7	4.1	16.2	16.9	9.3	8.0
Other job losers	43.8	43.1	52.6	52.1	41.1	39.8	17.7	18.7	44.1	43.1	43.6	43.3
Job leavers	10.0	10.7	8.7	9.5	11.2	11.6	11.2	12.9	10.7	11.1	7.3	9.4
Reentrants	22.7	23.0	16.2	15.9	31.2	32.0	23.2	23.4	21.7	21.7	26.3	26.9
New entrants	9.1	8.4	2.5	2.6	5.4	4.9	45.2	40.9	7.2	7.2	13.5	12.4
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	4.1	3.5	4.9	4.1	3.1	2.7	3.6	3.6	3.6	3.2	7.2	5.6
Job leavers .....	.7	.6	.6	.5	.7	.6	2.0	2.0	.6	.6	1.0	1.0
Reentrants	1.6	1.4	1.1	.9	1.9	1.7	4.1	3.7	1.3	1.2	3.6	3.0
New entrants .....	.6	.5	.2	.2	.3	.3	8.0	6.4	.4	.4	1.8	1.4

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Reason, sex, and age	December 1993						
	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	7,764	100.0	35.6	29.6	34.8	13.8	21.0
Job losers	4,492	100.0	31.9	28.0	40.1	14.6	25.5
On layoff	1,145	100.0	53.4	29.7	16.9	5.7	11.2
Other job losers	3,348	100.0	24.5	27.5	48.0	17.7	30.4
Job leavers	834	100.0	38.4	38.7	22.9	10.6	12.3
Reentrants	1,783	100.0	41.1	29.3	29.6	12.7	17.0
New entrants	655	100.0	42.7	29.5	27.8	15.3	12.5
Men, 20 years and over	3,807	100.0	32.1	27.6	40.3	14.3	26.0
Job losers	2,740	100.0	32.3	26.5	41.2	14.7	26.5
On layoff	757	100.0	54.8	29.2	16.0	6.4	9.5
Other job losers	1,984	100.0	23.7	25.5	50.8	17.8	33.0
Job leavers	362	100.0	30.4	38.8	30.8	12.7	18.2
Reentrants	604	100.0	33.6	26.9	39.5	12.2	27.2
New entrants	100	100.0	25.3	20.0	54.7	21.4	33.3
Women, 20 years and over	2,952	100.0	35.6	30.5	33.9	14.1	19.8
Job losers	1,523	100.0	28.7	29.7	41.6	15.2	26.4
On layoff	346	100.0	47.3	32.2	20.5	4.3	16.1
Other job losers	1,176	100.0	23.2	29.0	47.8	18.4	29.4
Job leavers	342	100.0	40.6	40.3	19.1	9.4	9.7
Reentrants	944	100.0	42.8	30.2	27.0	13.3	13.8
New entrants	143	100.0	50.5	17.7	31.8	19.0	12.8
Both sexes, 16 to 19 years	1,005	100.0	48.6	34.5	16.9	11.1	5.8
Job losers	229	100.0	47.6	35.2	17.2	10.1	7.1
On layoff	41	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Other job losers	188	100.0	41.0	38.9	20.1	11.5	8.6
Job leavers	130	100.0	54.6	34.4	10.9	8.1	2.8
Reentrants	235	100.0	53.8	31.5	14.7	11.2	3.5
New entrants	411	100.0	44.2	35.9	19.9	12.5	7.4

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

A-16. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993
Total, 16 years and over	8,829	7,764	100.0	100.0	7,233	6,433	100.0	100.0
Less than 5 weeks	2,757	2,764	31.2	35.6	1,975	2,096	27.3	32.6
5 to 14 weeks	2,736	2,297	31.0	29.6	2,245	1,888	31.0	29.4
5 to 10 weeks	1,949	1,642	22.1	21.2	1,612	1,334	22.3	20.7
11 to 14 weeks	788	655	8.9	8.4	632	554	8.7	8.6
15 weeks and over	3,336	2,703	37.8	34.8	3,013	2,448	41.7	38.1
15 to 26 weeks	1,434	1,071	16.2	13.8	1,266	942	17.5	14.6
27 weeks and over	1,901	1,632	21.5	21.0	1,747	1,507	24.1	23.4
27 to 51 weeks	749	707	8.5	9.1	693	649	9.6	10.1
52 weeks and over	1,152	925	13.1	11.9	1,053	857	14.6	13.3
Average (mean) duration, in weeks	19.2	18.4	-	-	20.9	20.0	-	-
Median duration, in weeks	9.5	8.4	-	-	10.7	9.5	-	-

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Sex, age, race, and marital status	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993
	December 1993										
Total, 16 years and over	7,764	2,764	2,297	1,071	1,632	18.4	8.4	31.2	35.6	37.8	34.8
16 to 19 years	1,005	488	347	112	58	9.0	4.7	44.6	48.6	20.5	16.9
20 to 24 years	1,175	526	375	148	125	12.7	5.6	37.8	44.8	28.8	23.3
25 to 34 years	2,166	750	671	304	441	17.4	8.5	30.6	34.6	37.0	34.4
35 to 44 years	1,804	609	487	260	448	20.5	9.8	27.0	33.7	44.0	39.3
45 to 54 years	1,001	254	273	128	346	27.2	13.4	22.6	25.3	49.0	47.4
55 to 64 years	490	110	112	96	172	28.7	17.4	21.3	22.4	53.8	54.7
65 years and over	124	28	32	23	41	27.4	15.6	34.2	22.5	45.9	51.8
Men, 16 years and over	4,399	1,496	1,243	617	1,044	20.3	9.2	28.8	34.0	40.2	37.8
16 to 19 years	592	272	193	74	53	10.4	5.2	45.3	45.9	20.2	21.5
20 to 24 years	662	279	212	88	83	14.3	6.2	34.8	42.1	29.4	25.8
25 to 34 years	1,186	361	353	189	284	20.2	10.1	28.4	30.4	39.5	39.9
35 to 44 years	999	345	252	131	271	21.7	9.8	22.7	34.6	47.6	40.2
45 to 54 years	565	136	150	66	212	29.2	14.2	20.7	24.1	52.6	49.3
55 to 64 years	310	80	67	54	110	28.8	16.4	18.0	25.8	58.8	52.7
65 years and over	84	23	16	16	30	29.4	17.2	(¹)	27.3	(¹)	54.1
Women, 16 years and over	3,365	1,268	1,055	454	588	16.1	7.5	34.5	37.7	34.5	31.0
16 to 19 years	413	216	154	37	5	7.1	4.3	43.5	52.4	21.0	10.3
20 to 24 years	512	248	163	60	42	10.5	4.9	41.7	48.3	28.1	19.9
25 to 34 years	979	389	318	115	157	14.1	6.8	33.4	39.7	34.0	27.8
35 to 44 years	805	263	235	129	177	19.0	9.7	32.3	32.7	39.4	38.1
45 to 54 years	436	117	122	62	134	24.5	12.2	25.4	26.9	43.6	45.0
55 to 64 years	180	30	46	42	63	28.4	18.7	27.9	16.5	43.7	58.1
65 years and over	40	5	16	7	11	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	5,844	2,195	1,698	775	1,176	17.7	7.9	32.8	37.6	36.2	33.4
Men	3,413	1,236	948	456	774	19.3	8.5	30.1	36.2	39.4	36.0
Women	2,431	959	751	320	401	15.4	7.0	36.7	39.5	31.7	29.7
Black, 16 years and over	1,529	455	471	246	357	20.9	10.0	26.5	29.8	42.5	39.5
Men	766	204	225	129	208	24.1	12.1	24.9	26.6	43.2	44.0
Women	763	251	246	117	149	17.7	8.6	28.2	32.9	41.8	34.9
Men, 16 years and over:											
Married, spouse present	1,685	506	454	244	481	22.9	11.5	23.7	30.0	46.4	43.0
Widowed, divorced, or separated	677	228	186	89	174	21.4	9.9	28.2	33.7	43.7	38.8
Single (never married)	2,038	761	603	284	389	17.7	7.5	33.7	37.3	33.4	33.0
Women, 16 years and over:											
Married, spouse present	1,334	471	439	168	257	16.5	8.3	34.7	35.3	32.8	31.9
Widowed, divorced, or separated	720	210	222	116	172	20.4	9.9	29.9	29.2	39.1	40.0
Single (never married)	1,311	587	394	170	159	13.2	5.5	37.0	44.8	33.4	25.1

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Occupation and industry	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993
	December 1993							Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993
OCCUPATION											
Managerial and professional specialty	867	216	267	144	239	22.7	12.2	21.9	24.9	52.9	44.2
Technical, sales, and administrative support	1,837	595	539	276	426	18.7	9.3	29.4	32.4	38.6	38.2
Service occupations	1,188	482	340	163	202	16.0	6.9	38.3	40.6	33.1	30.7
Precision production, craft, and repair	1,069	389	320	109	251	19.8	8.0	29.9	36.4	39.6	33.7
Operators, fabricators, and laborers	1,694	574	512	228	380	19.9	8.8	30.6	33.9	38.1	35.9
Farming, forestry, and fishing	352	190	99	29	34	11.6	4.2	37.9	54.0	20.2	17.9
INDUSTRY¹											
Agriculture	244	138	73	18	15	9.3	4.0	36.2	56.6	20.0	13.5
Construction	795	312	259	77	146	17.8	6.4	36.1	39.2	31.8	28.1
Manufacturing	1,260	423	338	187	312	20.4	10.0	24.7	33.6	46.9	39.6
Durable goods	720	258	164	108	190	21.0	10.5	22.8	35.8	48.9	41.4
Nondurable goods	540	165	174	79	122	19.7	9.6	27.6	30.6	44.0	37.2
Transportation and public utilities	383	91	104	59	128	26.6	14.1	22.6	23.8	45.1	49.1
Wholesale and retail trade	1,710	641	518	253	298	16.3	7.7	32.3	37.5	36.4	32.2
Finance and service industries	2,187	703	674	304	504	19.2	9.1	31.9	32.1	39.1	37.1
Public administration	162	43	41	21	57	22.9	13.3	27.6	26.5	31.4	48.1
No previous work experience	710	309	204	110	87	14.4	6.2	36.9	43.5	28.5	27.7

¹ Includes wage and salary workers only.

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

Sex, age, and race	December 1993								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over	7,764	6,547	22.8	9.0	73.7	40.1	22.5	5.8	1.74
16 to 19 years	1,005	960	10.5	3.9	79.5	25.2	14.3	5.1	1.39
20 to 24 years	1,175	1,026	26.6	9.3	75.4	36.7	20.9	3.0	1.72
25 to 34 years	2,166	1,783	24.0	9.6	75.0	42.7	21.6	5.9	1.79
35 to 44 years	1,804	1,459	26.9	9.3	71.9	45.7	26.0	5.8	1.86
45 to 54 years	1,001	832	23.3	13.0	69.2	46.3	27.8	8.6	1.88
55 to 64 years	490	376	23.3	9.5	69.1	42.4	26.7	8.4	1.79
65 years and over	124	111	16.9	7.6	56.4	32.3	23.6	6.9	1.44
Men, 16 years and over	4,399	3,589	23.7	9.4	74.4	37.4	25.1	6.1	1.76
16 to 19 years	592	563	8.2	2.6	81.5	26.1	15.8	5.0	1.39
20 to 24 years	662	558	28.0	9.1	78.9	35.0	22.1	2.4	1.75
25 to 34 years	1,186	946	24.8	10.8	76.2	40.9	26.4	5.3	1.84
35 to 44 years	999	751	30.8	10.2	69.7	41.5	29.1	6.0	1.87
45 to 54 years	565	467	24.5	13.5	70.1	40.6	29.5	11.5	1.90
55 to 64 years	310	228	24.1	11.8	67.0	39.5	27.9	10.2	1.81
65 years and over	84	75	19.2	4.7	59.6	29.6	26.2	7.7	1.47
Women, 16 years and over	3,365	2,958	21.7	8.6	72.8	43.4	19.3	5.5	1.71
16 to 19 years	413	397	13.9	5.8	76.8	23.9	12.2	5.3	1.38
20 to 24 years	512	467	24.9	9.5	71.3	38.7	19.4	3.8	1.68
25 to 34 years	979	837	23.1	8.3	73.7	44.7	16.1	6.6	1.73
35 to 44 years	805	708	22.7	8.3	74.2	50.2	22.7	5.6	1.84
45 to 54 years	436	365	21.8	12.4	68.1	53.7	25.5	4.8	1.86
55 to 64 years	180	146	22.0	5.8	72.3	46.8	24.9	5.7	1.77
65 years and over	40	37	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	5,844	4,791	22.0	8.8	72.9	41.9	23.0	6.5	1.75
Men	3,413	2,699	23.6	9.7	73.4	38.2	25.2	6.8	1.77
Women	2,431	2,092	19.9	7.6	72.3	46.6	20.1	6.2	1.73
Black, 16 years and over	1,529	1,401	25.8	8.6	77.6	33.2	17.7	3.8	1.67
Men	766	696	24.0	7.1	80.1	33.5	20.6	3.8	1.69
Women	763	705	27.6	10.1	75.1	32.8	14.9	3.8	1.64

¹ Data not shown where base is less than 75,000.
NOTE: The jobseeker total is less than the total unemployed because it does not include persons on layoff or waiting to begin a new job within 30 days, groups for whom jobseeking information is not collected. The percent using each method will always total more than 100 because many jobseekers use more than one method.

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

Sex and reason	December 1993								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over	7,764	6,547	22.8	9.0	73.7	40.1	22.5	5.8	1.74
Job losers ¹	4,492	3,330	28.8	10.6	74.1	44.3	26.6	5.4	1.90
Job leavers	834	813	17.9	7.3	74.3	37.6	18.0	4.4	1.60
Reentrants	1,783	1,755	17.9	8.8	71.1	37.5	17.6	7.7	1.61
New entrants	655	648	11.3	3.6	77.6	29.0	20.7	4.8	1.47
Men, 16 years and over	4,399	3,589	23.7	9.4	74.4	37.4	25.1	6.1	1.76
Job losers ¹	2,926	2,135	29.2	11.1	73.5	39.5	28.1	6.0	1.87
Job leavers	409	404	17.7	7.1	74.4	41.0	20.8	3.8	1.65
Reentrants	744	735	16.8	8.9	74.7	33.4	19.7	8.1	1.62
New entrants	319	316	10.5	2.1	79.3	28.4	23.5	5.8	1.50
Women, 16 years and over	3,365	2,958	21.7	8.6	72.8	43.4	19.3	5.5	1.71
Job losers ¹	1,566	1,195	28.1	9.8	75.2	52.9	23.9	4.4	1.94
Job leavers	425	410	18.1	7.4	74.2	34.3	15.2	5.0	1.54
Reentrants	1,039	1,020	18.8	8.8	68.4	40.4	16.0	7.4	1.60
New entrants	335	333	12.0	4.9	76.0	29.6	17.9	3.9	1.44

¹ Data on the number of jobseekers and the jobsearch methods used exclude persons on layoff.
NOTE: The jobseeker total is less than the total unemployed because it does not include persons on layoff or waiting to begin a new job within 30 days, groups for whom jobseeking information is not collected. The percent using each method will always total more than 100 because many jobseekers use more than one method.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry and age	Total		Men		Women	
	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993
All industries	118,073	120,636	63,809	64,919	54,264	55,717
16 to 19 years	5,260	5,393	2,683	2,654	2,577	2,739
16 to 17 years	2,007	2,177	1,001	1,070	1,006	1,107
18 to 19 years	3,253	3,217	1,682	1,585	1,571	1,632
20 to 24 years	12,110	12,045	6,320	6,276	5,791	5,770
25 to 54 years	86,029	88,358	46,570	47,783	39,459	40,576
25 to 34 years	32,328	32,235	17,721	17,769	14,607	14,466
35 to 44 years	31,875	32,815	17,159	17,614	14,716	15,201
45 to 54 years	21,826	23,308	11,690	12,399	10,136	10,909
55 to 64 years	11,252	11,365	6,260	6,230	4,992	5,135
55 to 59 years	6,792	7,017	3,759	3,768	3,033	3,249
60 to 64 years	4,460	4,348	2,502	2,462	1,959	1,886
65 years and over	3,422	3,475	1,976	1,977	1,446	1,497
Agriculture	2,931	2,837	2,339	2,261	592	576
16 to 19 years	195	144	155	116	40	28
16 to 17 years	76	64	67	51	9	13
18 to 19 years	119	80	88	64	31	15
20 to 24 years	296	283	245	213	51	71
25 to 54 years	1,777	1,808	1,371	1,424	406	384
25 to 34 years	741	736	579	589	163	147
35 to 44 years	592	668	466	543	125	125
45 to 54 years	444	404	326	292	118	112
55 to 64 years	401	376	342	310	59	65
55 to 59 years	201	205	168	159	33	47
60 to 64 years	200	170	175	151	25	19
65 years and over	262	226	225	199	37	27
Nonagricultural industries	115,142	117,800	61,470	62,658	53,672	55,142
16 to 19 years	5,064	5,250	2,528	2,539	2,537	2,711
16 to 17 years	1,931	2,113	934	1,018	997	1,094
18 to 19 years	3,133	3,137	1,594	1,520	1,540	1,617
20 to 24 years	11,814	11,762	6,074	6,063	5,740	5,699
25 to 54 years	84,252	86,550	45,199	46,358	39,053	40,192
25 to 34 years	31,586	31,499	17,142	17,180	14,444	14,319
35 to 44 years	31,283	32,147	16,692	17,071	14,591	15,075
45 to 54 years	21,382	22,905	11,364	12,107	10,018	10,797
55 to 64 years	10,851	10,989	5,918	5,920	4,933	5,070
55 to 59 years	6,591	6,812	3,591	3,609	3,000	3,202
60 to 64 years	4,261	4,178	2,327	2,310	1,934	1,868
65 years and over	3,160	3,249	1,751	1,778	1,409	1,470

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

(In thousands)

Occupation	Total		Men				Women			
	16 years and over		16 years and over		20 years and over		16 years and over		20 years and over	
	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993
Total	118,073	120,636	63,809	64,919	61,126	62,265	54,264	55,717	51,688	52,978
Managerial and professional specialty	31,679	32,920	16,523	17,083	16,451	17,002	15,156	15,837	15,041	15,709
Executive, administrative, and managerial	14,811	15,612	8,615	8,954	8,589	8,923	6,195	6,658	6,159	6,623
Officials and administrators, public administration	647	651	384	357	384	357	263	294	263	294
Other executive, administrative, and managerial	10,278	10,838	6,391	6,677	6,368	6,646	3,887	4,160	3,855	4,134
Management-related occupations	3,886	4,123	1,841	1,920	1,837	1,920	2,045	2,203	2,041	2,196
Professional specialty	16,869	17,308	7,908	8,129	7,862	8,079	8,961	9,179	8,882	9,085
Engineers	1,641	1,687	1,499	1,530	1,498	1,524	142	157	142	157
Mathematical and computer scientists	942	1,116	653	748	653	748	289	368	289	368
Natural scientists	485	548	357	403	357	403	128	145	128	145
Health diagnosing occupations	996	883	815	696	815	696	181	186	181	186
Health assessment and treating occupations	2,565	2,704	356	371	355	371	2,209	2,333	2,207	2,331
Teachers, college and university	773	833	423	462	420	460	350	372	341	367
Teachers, except college and university	4,560	4,491	1,138	1,145	1,127	1,134	3,423	3,347	3,389	3,300
Lawyers and judges	802	806	623	633	623	633	179	173	179	173
Other professional specialty occupations	4,106	4,241	2,045	2,142	2,014	2,108	2,061	2,099	2,026	2,059
Technical, sales, and administrative support	36,846	37,425	13,185	13,401	12,553	12,774	23,661	24,024	22,337	22,596
Technicians and related support	4,069	3,927	2,032	1,947	1,998	1,921	2,036	1,980	2,009	1,958
Health technologists and technicians	1,499	1,568	273	312	267	309	1,225	1,256	1,208	1,244
Engineering and science technicians	1,122	1,135	875	889	855	882	247	246	240	243
Technicians, except health, engineering, and science	1,447	1,223	884	745	875	730	564	478	562	471
Sales occupations	14,351	14,916	7,397	7,477	6,991	7,063	6,954	7,439	6,092	6,434
Supervisors and proprietors	3,865	4,285	2,506	2,654	2,483	2,630	1,359	1,632	1,334	1,607
Sales representatives, finance and business services	2,232	2,387	1,314	1,390	1,300	1,382	919	997	913	979
Sales representatives, commodities, except retail	1,685	1,447	1,322	1,121	1,299	1,111	363	326	354	322
Sales workers, retail and personal services	6,466	6,698	2,218	2,263	1,875	1,890	4,248	4,435	3,433	3,481
Sales-related occupations	103	99	38	50	35	50	65	49	58	45
Administrative support, including clerical	18,426	18,582	3,755	3,976	3,563	3,790	14,670	14,606	14,235	14,205
Supervisors	783	787	344	321	343	319	438	466	438	466
Computer equipment operators	583	577	206	218	204	208	377	359	374	347
Secretaries, stenographers, and typists	4,245	3,998	62	91	58	84	4,184	3,907	4,077	3,822
Financial records processing	2,256	2,233	208	244	202	238	2,048	1,989	2,035	1,972
Mail and message distributing	954	955	561	572	531	552	393	383	380	365
Other administrative support, including clerical	9,605	10,032	2,375	2,531	2,226	2,388	7,230	7,502	6,931	7,232
Service occupations	16,220	16,717	6,645	6,795	5,801	6,006	9,574	9,922	8,649	8,957
Private household	904	895	39	44	26	31	865	851	746	728
Protective service	2,121	2,113	1,807	1,763	1,780	1,744	315	350	301	337
Service, except private household and protective	13,194	13,709	4,800	4,988	3,994	4,231	8,395	8,721	7,602	7,892
Food service	5,567	5,848	2,347	2,465	1,702	1,847	3,220	3,383	2,698	2,813
Health service	2,077	2,302	247	301	228	288	1,830	2,001	1,766	1,928
Cleaning and building service	2,950	2,918	1,704	1,714	1,607	1,632	1,246	1,203	1,170	1,162
Personal service	2,600	2,641	501	508	457	464	2,099	2,134	1,969	1,988
Precision production, craft, and repair	13,223	13,373	12,080	12,120	11,875	11,931	1,143	1,252	1,122	1,224
Mechanics and repairers	4,465	4,461	4,335	4,302	4,256	4,222	130	159	126	158
Construction trades	4,800	4,821	4,725	4,707	4,634	4,637	75	115	75	115
Other precision production, craft, and repair	3,959	4,091	3,020	3,112	2,985	3,073	939	979	921	952
Operators, fabricators, and laborers	17,031	17,269	12,778	13,028	12,022	12,206	4,253	4,241	4,103	4,076
Machine operators, assemblers, and inspectors	7,540	7,512	4,569	4,652	4,448	4,496	2,970	2,860	2,905	2,800
Manufacturing industries	6,088	6,093	3,620	3,772	3,530	3,685	2,468	2,322	2,424	2,281
Durable goods	3,353	3,391	2,313	2,404	2,247	2,350	1,041	988	1,031	966
Nonmanufacturing industries	2,734	2,702	1,307	1,368	1,283	1,335	1,427	1,334	1,393	1,315
Nonmanufacturing industries	1,452	1,418	949	880	918	811	503	539	481	518
Transportation and material moving occupations	4,874	5,138	4,419	4,657	4,364	4,565	455	480	450	470
Motor vehicle operators	3,713	4,031	3,293	3,585	3,247	3,504	420	445	415	435
Other transportation and material moving occupations	1,161	1,107	1,126	1,072	1,117	1,061	35	35	35	35
Handlers, equipment cleaners, helpers, and laborers	4,618	4,620	3,790	3,719	3,210	3,145	827	901	748	807
Construction laborers	587	652	568	636	533	600	19	16	18	15
Other handlers, equipment cleaners, helpers, and laborers	4,031	3,968	3,222	3,082	2,677	2,545	808	886	730	792
Farming, forestry, and fishing	3,074	2,933	2,597	2,492	2,424	2,345	477	441	435	415
Farm operators and managers	1,133	1,065	956	915	949	910	176	150	176	150
Other farming, forestry, and fishing occupations	1,941	1,869	1,640	1,577	1,475	1,436	301	291	259	266

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993
TOTAL						
Total, 16 years and over (thousands)	118,073	120,838	63,809	64,919	54,264	55,717
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	26.8	27.3	25.9	26.3	27.9	28.4
Executive, administrative, and managerial	12.5	12.9	13.5	13.8	11.4	11.9
Professional specialty	14.3	14.3	12.4	12.5	16.5	16.5
Technical, sales, and administrative support	31.2	31.0	20.7	20.6	43.6	43.1
Technicians and related support	3.4	3.3	3.2	3.0	3.8	3.6
Sales occupations	12.2	12.4	11.6	11.5	12.8	13.4
Administrative support, including clerical	15.6	15.4	5.9	6.1	27.0	26.2
Service occupations	13.7	13.9	10.4	10.5	17.6	17.8
Private household .....	.8	.7	.1	.1	1.6	1.5
Protective service	1.8	1.8	2.8	2.7	.6	.6
Service, except private household and protective	11.2	11.4	7.5	7.7	15.5	15.7
Precision production, craft, and repair	11.2	11.1	18.9	18.7	2.1	2.2
Operators, fabricators, and laborers	14.4	14.3	20.0	20.1	7.8	7.6
Machine operators, assemblers, and inspectors	6.4	6.2	7.2	7.2	5.5	5.1
Transportation and material moving occupations	4.1	4.3	6.9	7.2	.8	.9
Handlers, equipment cleaners, helpers, and laborers	3.9	3.8	5.9	5.7	1.5	1.6
Farming, forestry, and fishing	2.6	2.4	4.1	3.8	.9	.8
White						
Total, 16 years and over (thousands)	101,847	103,733	55,714	56,463	46,133	47,269
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	27.8	28.3	27.0	27.3	28.9	29.4
Executive, administrative, and managerial	13.2	13.5	14.2	14.4	11.9	12.4
Professional specialty	14.7	14.8	12.8	12.9	17.0	17.0
Technical, sales, and administrative support	31.6	31.4	20.9	20.9	44.5	44.0
Technicians and related support	3.4	3.2	3.1	3.0	3.7	3.6
Sales occupations	12.7	12.9	12.2	12.1	13.3	13.8
Administrative support, including clerical	15.5	15.3	5.6	5.8	27.6	26.7
Service occupations	12.5	12.6	9.3	9.3	16.5	16.6
Private household .....	.7	.7	.1	.1	1.5	1.4
Protective service	1.6	1.6	2.6	2.5	.5	.6
Service, except private household and protective	10.2	10.3	6.6	6.7	14.5	14.6
Precision production, craft, and repair	11.6	11.6	19.6	19.5	2.0	2.1
Operators, fabricators, and laborers	13.7	13.6	19.1	19.0	7.2	7.1
Machine operators, assemblers, and inspectors	6.0	5.9	6.9	6.9	4.8	4.7
Transportation and material moving occupations	4.0	4.2	6.6	6.9	.8	.9
Handlers, equipment cleaners, helpers, and laborers	3.7	3.5	5.6	5.2	1.5	1.5
Farming, forestry, and fishing	2.8	2.6	4.3	4.0	1.0	.9
Black						
Total, 16 years and over (thousands)	11,959	12,406	5,838	6,001	6,122	6,405
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	17.3	17.8	13.8	15.1	20.7	20.3
Executive, administrative, and managerial	7.5	8.1	7.4	8.0	7.7	8.3
Professional specialty	9.8	9.7	6.5	7.1	13.0	12.0
Technical, sales, and administrative support	28.1	28.3	17.9	17.9	37.8	38.1
Technicians and related support	3.6	3.0	3.5	2.7	3.7	3.2
Sales occupations	8.1	8.6	6.5	6.6	9.7	10.5
Administrative support, including clerical	16.3	16.7	8.0	8.5	24.3	24.4
Service occupations	23.3	23.8	19.8	19.9	26.6	27.4
Private household	1.4	1.2	.1	.1	2.8	2.2
Protective service	3.2	3.2	5.3	5.3	1.2	1.3
Service, except private household and protective	18.6	19.4	14.3	14.5	22.6	24.0
Precision production, craft, and repair	8.6	8.0	15.2	13.6	2.4	2.7
Operators, fabricators, and laborers	21.2	20.6	30.5	30.7	12.3	11.1
Machine operators, assemblers, and inspectors	9.3	8.6	9.1	9.6	9.4	7.7
Transportation and material moving occupations	6.2	5.6	11.3	10.5	1.3	1.0
Handlers, equipment cleaners, helpers, and laborers	5.7	6.4	10.0	10.6	1.6	2.4
Farming, forestry, and fishing	1.5	1.5	2.9	2.7	.3	.3

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

(In thousands)

Age and sex	December 1993								
	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self-employed workers	Unpaid family workers	Wage and salary workers	Self-employed workers	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	108,552	1,056	18,712	88,783	9,049	199	1,611	1,154	72
16 to 19 years	5,172	151	225	4,796	73	4	122	6	15
16 to 17 years	2,079	102	69	1,908	31	3	52	1	11
18 to 19 years	3,093	49	156	2,888	42	2	71	4	5
20 to 24 years	11,486	120	1,088	10,298	266	10	240	41	2
25 to 34 years	29,682	154	4,190	25,338	1,779	37	521	203	12
35 to 44 years	29,333	203	5,763	23,367	2,754	60	351	300	16
45 to 54 years	20,712	176	4,962	15,574	2,142	50	201	190	13
55 to 64 years	9,572	153	2,077	7,343	1,396	22	125	246	5
55 to 59 years	5,996	93	1,313	4,591	806	10	75	128	3
60 to 64 years	3,576	60	764	2,752	590	12	50	119	2
65 years and over	2,594	99	428	2,067	639	15	50	167	8
Men, 16 years and over	56,838	111	8,311	48,416	5,778	41	1,241	998	22
16 to 19 years	2,504	25	91	2,388	31	3	102	3	11
16 to 17 years	1,004	19	31	953	13	2	41	1	9
18 to 19 years	1,500	6	60	1,434	19	1	60	2	2
20 to 24 years	5,916	20	477	5,419	140	7	177	35	1
25 to 34 years	16,072	16	1,983	14,073	1,101	7	405	179	6
35 to 44 years	15,264	16	2,435	12,813	1,804	3	280	262	-
45 to 54 years	10,741	12	2,196	8,533	1,360	6	139	152	1
55 to 64 years	4,986	6	937	4,043	930	4	97	212	1
55 to 59 years	3,083	4	556	2,523	523	3	54	104	-
60 to 64 years	1,903	2	381	1,520	406	1	43	108	-
65 years and over	1,356	15	192	1,148	412	11	41	155	2
Women, 16 years and over	51,714	945	10,402	40,367	3,271	157	370	155	50
16 to 19 years	2,668	126	134	2,409	42	1	21	2	5
16 to 17 years	1,075	83	38	955	18	1	11	-	2
18 to 19 years	1,592	43	96	1,454	24	-	10	2	3
20 to 24 years	5,570	99	591	4,880	126	3	63	6	2
25 to 34 years	13,610	138	2,207	11,265	678	31	116	24	6
35 to 44 years	14,069	187	3,328	10,554	949	57	71	38	16
45 to 54 years	9,971	164	2,766	7,041	782	44	62	38	12
55 to 64 years	4,586	147	1,140	3,299	466	18	28	34	4
55 to 59 years	2,913	88	757	2,068	282	7	21	23	3
60 to 64 years	1,673	58	383	1,232	184	11	7	10	1
65 years and over	1,239	84	236	919	228	4	10	12	6

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-25. Employed civilians by industry and occupation

(In thousands)

Industry	December 1993												
	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	2,837	104	73	37	20	141	-	19	33	17	38	9	2,348
Mining	700	101	84	20	3	98	-	5	253	23	98	15	-
Construction	7,091	928	151	61	68	387	-	30	4,166	70	522	702	5
Manufacturing	19,580	2,491	1,643	606	672	2,066	-	315	3,898	6,093	634	1,059	102
Durable goods	11,480	1,479	1,105	394	275	1,114	-	178	2,669	3,391	309	468	98
Nondurable goods	8,099	1,011	538	212	397	952	-	138	1,229	2,702	325	591	4
Transportation and public utilities	8,575	1,072	488	340	249	2,288	-	284	1,222	149	2,056	421	6
Wholesale and retail trade	25,410	2,065	429	133	10,917	2,187	-	4,865	1,455	281	1,086	1,938	55
Wholesale trade	4,494	467	63	32	1,885	702	-	31	316	79	514	370	35
Retail trade	20,917	1,598	367	101	9,031	1,485	-	4,835	1,139	202	572	1,568	20
Finance, insurance, and real estate	7,940	2,123	239	165	1,965	2,921	-	281	161	14	17	12	40
Services	42,676	5,405	13,281	2,312	1,004	6,960	895	8,576	1,996	836	624	428	360
Private households	1,060	-	1	3	1	13	895	80	10	-	6	17	36
Other service industries	41,616	5,406	13,281	2,309	1,003	6,947	-	8,496	1,986	836	618	411	324
Professional services	29,251	3,423	11,876	1,982	180	5,229	-	5,282	438	234	396	117	94
Public administration	5,828	1,324	921	252	18	1,534	-	1,446	189	30	61	37	18

¹ Includes protective service, not shown separately.

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

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
	Dec. 1992	Dec. 1993	Total		Wage and salary workers ¹			
			Dec. 1992	Dec. 1993	Paid absences		Unpaid absences	
					Dec. 1992	Dec. 1993	Dec. 1992	Dec. 1993
Total, 16 years and over	4,006	3,943	3,854	3,825	1,576	1,686	1,716	1,633
Vacation	1,239	1,306	1,202	1,283	808	861	247	261
Illness	1,290	1,312	1,269	1,280	511	567	627	616
Bad weather	198	107	150	88	(²)	(²)	(²)	(²)
Industrial dispute	14	20	14	20	(²)	(²)	(²)	(²)
All other reasons	1,265	1,198	1,219	1,155	257	257	842	756
Men, 16 years and over	2,046	1,996	1,924	1,906	804	864	795	741
Vacation	701	732	677	719	482	519	121	117
Illness	590	651	574	625	227	268	275	300
All other reasons ³	755	613	673	561	95	77	398	324
Women, 16 years and over	1,960	1,947	1,930	1,919	772	823	922	892
Vacation	538	573	525	563	326	344	126	144
Illness	700	662	694	654	283	299	352	317
All other reasons ³	722	713	710	702	163	180	445	432

¹ Excludes private household workers.

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

³ Includes bad weather and industrial dispute, not shown separately.

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

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

Hours of work	December 1993					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	116,693	2,719	113,974	100.0	100.0	100.0
1 to 34 hours	28,171	918	27,252	24.1	33.8	23.9
1 to 4 hours	712	44	668	.6	1.6	.6
5 to 14 hours	4,796	171	4,625	4.1	6.3	4.1
15 to 29 hours	14,320	478	13,842	12.3	17.6	12.1
30 to 34 hours	8,342	225	8,117	7.1	8.3	7.1
35 hours and over	88,523	1,801	86,722	75.9	66.3	76.1
35 to 39 hours	7,387	138	7,249	6.3	5.1	6.4
40 hours	44,871	713	44,158	38.5	26.2	38.7
41 hours and over	36,265	950	35,315	31.1	35.0	31.0
41 to 48 hours	12,069	180	11,888	10.3	6.6	10.4
49 to 59 hours	14,032	317	13,715	12.0	11.7	12.0
60 hours and over	10,164	452	9,712	8.7	16.6	8.5
Average hours, total at work	39.5	39.5	39.5	-	-	-
Average hours, workers on full-time schedules	44.1	46.8	44.1	-	-	-

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

(Numbers in thousands)

Reason for working less than 35 hours	December 1993					
	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	28,171	7,557	20,613	27,252	7,193	20,060
Economic reasons	6,090	2,005	4,085	5,787	1,845	3,942
Slack work	3,221	1,792	1,429	3,000	1,643	1,357
Material shortages or repairs to plant and equipment	33	33	-	26	26	-
New job started during week	114	114	-	113	113	-
Job terminated during week	66	66	-	64	64	-
Could find only part-time work	2,656	-	2,656	2,585	-	2,585
Other reasons	22,080	5,552	16,528	21,466	5,348	16,118
Does not want, or unavailable for, full-time work	13,491	-	13,491	13,182	-	13,182
Vacation	1,418	1,418	-	1,401	1,401	-
Illness	2,165	1,994	171	2,137	1,975	162
Bad weather	344	344	-	248	248	-
Industrial dispute	4	4	-	4	4	-
Legal or religious holiday	140	140	-	138	138	-
Full time for this job	1,676	-	1,676	1,646	-	1,646
All other reasons	2,843	1,653	1,190	2,710	1,582	1,128
Average hours:						
Economic reasons	22.6	24.3	21.8	22.7	24.4	21.9
Other reasons	21.2	26.2	19.5	21.3	26.3	19.6
Worked 30 to 34 hours:						
Economic reasons	1,938	875	1,063	1,866	820	1,046
Other reasons	6,405	3,052	3,353	6,251	2,975	3,276

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Industry	December 1993								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	113,974	5,787	16,118	92,070	56,755	11,888	23,427	39.5	44.1
Wage and salary workers	105,200	5,088	14,540	85,572	53,960	11,255	20,357	39.4	43.7
Mining	639	15	12	613	326	64	223	46.5	47.5
Construction	5,305	388	241	4,675	3,047	572	1,056	40.5	43.1
Manufacturing	18,510	502	565	17,442	10,397	2,738	4,307	42.9	44.1
Durable goods	10,893	186	251	10,456	5,944	1,677	2,835	43.7	44.6
Nondurable goods	7,616	316	314	6,986	4,453	1,061	1,472	41.7	43.4
Transportation and public utilities	7,852	295	492	7,064	4,166	966	1,933	42.4	44.7
Wholesale and retail trade	22,877	1,624	5,378	15,875	9,187	2,363	4,326	37.2	44.5
Finance, insurance, and real estate	7,083	147	590	6,346	4,272	751	1,324	40.6	42.9
Service industries	37,278	2,058	7,009	28,211	18,700	3,230	6,281	37.7	43.3
Private households	1,031	178	455	399	267	38	93	27.1	44.7
All other industries	36,247	1,880	6,555	27,813	18,433	3,192	6,188	38.0	43.3
Public administration	5,657	58	254	5,346	3,866	572	907	41.2	42.4
Self-employed workers	8,575	685	1,496	6,395	2,726	629	3,040	40.7	48.3
Unpaid family workers	199	14	81	103	69	5	30	33.9	44.8

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Sex, age, race, and marital status	December 1993							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Total, 16 years and over	113,974	5,787	16,118	92,070	56,755	35,315	39.5	44.1
16 to 19 years	5,132	387	3,432	1,313	1,017	296	23.2	40.4
16 to 17 years	2,056	61	1,896	99	84	15	15.9	36.5
18 to 19 years	3,076	325	1,536	1,214	933	281	28.0	40.7
20 years and over	108,843	5,400	12,686	90,757	55,738	35,019	40.3	44.1
20 to 24 years	11,460	904	2,516	8,040	5,616	2,424	36.0	42.6
25 years and over	97,382	4,496	10,169	82,717	50,122	32,595	40.8	44.3
25 to 44 years	61,706	2,918	5,519	53,269	31,911	21,358	41.3	44.3
45 to 64 years	32,628	1,425	3,169	28,034	17,263	10,771	41.0	44.2
65 years and over	3,048	154	1,482	1,412	945	467	29.4	42.7
Men, 16 years and over	60,752	2,623	5,076	53,053	28,813	24,240	42.4	45.6
16 to 19 years	2,494	172	1,560	761	573	188	24.6	40.7
16 to 17 years	1,005	32	914	59	50	9	16.8	(¹)
18 to 19 years	1,489	140	646	703	524	179	29.9	40.9
20 years and over	58,259	2,451	3,516	52,291	28,240	24,052	43.1	45.7
20 to 24 years	5,906	407	1,072	4,427	2,864	1,563	37.8	43.7
25 years and over	52,352	2,044	2,444	47,864	25,376	22,489	43.7	45.8
25 to 44 years	33,346	1,357	988	31,001	16,182	14,819	44.3	46.0
45 to 64 years	17,339	610	716	16,013	8,660	7,353	43.8	45.7
65 years and over	1,667	77	740	849	533	317	31.0	43.7
Women, 16 years and over	53,222	3,164	11,041	39,017	27,941	11,076	36.3	42.0
16 to 19 years	2,638	214	1,872	552	443	108	21.8	40.1
16 to 17 years	1,051	29	981	40	34	6	15.1	(¹)
18 to 19 years	1,587	185	891	512	409	102	26.2	40.6
20 years and over	50,584	2,949	9,169	38,465	27,498	10,967	37.0	42.0
20 to 24 years	5,554	497	1,445	3,612	2,752	861	34.1	41.2
25 years and over	45,030	2,452	7,725	34,853	24,746	10,107	37.4	42.1
25 to 44 years	28,360	1,560	4,530	22,270	15,732	6,538	37.6	42.1
45 to 64 years	15,289	815	2,453	12,021	8,603	3,418	37.7	42.2
65 years and over	1,381	76	742	563	412	150	27.4	41.2
RACE								
White, 16 years and over	97,806	4,627	14,293	78,886	46,885	32,001	39.7	44.3
Men	52,715	2,090	4,392	46,233	23,996	22,237	42.7	45.9
Women	45,091	2,537	9,900	32,653	22,889	9,764	36.1	42.1
Black, 16 years and over	11,885	914	1,281	9,690	7,457	2,233	38.3	42.2
Men	5,704	412	465	4,827	3,515	1,313	39.7	43.0
Women	6,181	502	816	4,862	3,942	920	37.1	41.3
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	38,391	1,183	1,634	35,574	18,269	17,306	44.3	46.1
Widowed, divorced, or separated	6,827	344	330	6,153	3,380	2,773	43.1	45.5
Single (never married)	15,535	1,096	3,112	11,326	7,165	4,161	37.3	43.9
Women, 16 years and over:								
Married, spouse present	29,784	1,442	6,248	22,094	16,208	5,886	36.3	41.6
Widowed, divorced, or separated	10,763	773	1,326	8,664	5,858	2,806	38.5	42.7
Single (never married)	12,675	948	3,468	8,259	5,875	2,384	34.2	42.2

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Occupation and sex	December 1993								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over ¹	113,902	5,775	16,090	92,037	56,675	11,885	23,476	39.5	44.1
Managerial and professional specialty	31,924	711	3,128	28,085	15,101	3,469	9,515	42.4	45.5
Executive, administrative, and managerial	15,161	248	893	14,020	7,084	1,775	5,160	44.2	46.1
Professional specialty	16,763	463	2,235	14,065	8,017	1,694	4,354	40.8	44.9
Technical, sales, and administrative support	36,339	1,554	6,483	28,302	18,536	3,665	6,100	38.2	43.2
Technicians and related support	3,778	94	483	3,202	2,115	442	645	39.8	43.0
Sales occupations	14,531	821	3,021	10,690	5,473	1,453	3,764	39.2	46.0
Administrative support, including clerical	18,029	639	2,979	14,411	10,949	1,771	1,691	37.0	41.2
Service occupations	16,178	1,675	4,422	10,081	7,330	971	1,781	34.2	42.7
Private household	876	142	400	333	214	32	87	27.2	45.2
Protective service	2,029	48	173	1,808	1,113	216	480	42.6	45.3
Service, except private household and protective	13,273	1,485	3,849	7,940	6,003	723	1,214	33.4	42.0
Precision production, craft, and repair	12,790	698	423	11,669	6,966	1,778	2,926	42.3	44.3
Operators, fabricators, and laborers	16,672	1,137	1,635	13,900	8,742	2,003	3,154	40.1	43.9
Machine operators, assemblers, and inspectors	7,293	387	334	6,572	4,429	1,017	1,126	40.8	42.8
Transportation and material moving occupations	4,891	307	436	4,148	2,005	566	1,578	43.2	47.1
Handlers, equipment cleaners, helpers, and laborers	4,488	444	865	3,179	2,308	420	450	35.6	41.9
Men, 16 years and over ¹	60,554	2,605	5,012	52,937	28,669	7,245	17,022	42.4	45.6
Managerial and professional specialty	16,676	294	905	15,477	7,060	1,859	6,558	45.3	47.3
Executive, administrative, and managerial	8,720	137	307	8,276	3,528	995	3,752	46.4	47.8
Professional specialty	7,956	157	598	7,201	3,532	863	2,806	44.2	46.8
Technical, sales, and administrative support	13,100	438	1,433	11,228	5,625	1,633	3,970	42.5	46.2
Technicians and related support	1,891	45	136	1,711	1,024	234	453	41.9	44.2
Sales occupations	7,321	237	840	6,245	2,545	864	2,835	44.1	48.2
Administrative support, including clerical	3,887	157	458	3,272	2,056	535	682	39.7	43.4
Service occupations	6,595	488	1,308	4,798	3,297	534	967	37.3	43.8
Private household	41	6	20	15	4	3	8	(²)	(²)
Protective service	1,695	29	110	1,556	923	181	452	44.1	46.1
Service, except private household and protective	4,859	453	1,178	3,228	2,370	350	507	35.0	42.6
Precision production, craft, and repair	11,602	622	308	10,671	6,310	1,605	2,757	42.6	44.4
Operators, fabricators, and laborers	12,582	763	1,057	10,762	6,377	1,614	2,771	41.1	44.5
Machine operators, assemblers, and inspectors	4,528	162	141	4,225	2,621	718	886	42.2	43.6
Transportation and material moving occupations	4,433	260	272	3,902	1,855	544	1,503	44.1	47.3
Handlers, equipment cleaners, helpers, and laborers	3,620	341	644	2,636	1,901	352	382	36.0	41.8
Women, 16 years and over ¹	53,349	3,170	11,079	39,100	28,006	4,640	6,454	36.2	42.0
Managerial and professional specialty	15,248	417	2,223	12,608	8,041	1,610	2,956	39.2	43.2
Executive, administrative, and managerial	6,441	111	586	5,745	3,556	780	1,408	41.1	43.6
Professional specialty	8,807	306	1,637	6,863	4,485	830	1,548	37.8	42.8
Technical, sales, and administrative support	23,239	1,116	5,049	17,074	12,912	2,032	2,131	35.7	41.2
Technicians and related support	1,887	49	347	1,491	1,091	208	192	37.6	41.6
Sales occupations	7,210	584	2,181	4,445	2,927	588	930	34.2	42.8
Administrative support, including clerical	14,142	483	2,521	11,138	8,893	1,236	1,009	36.3	40.5
Service occupations	9,583	1,186	3,114	5,263	4,033	436	814	32.0	41.8
Private household	834	135	380	319	211	29	79	27.3	45.1
Protective service	335	19	63	252	190	35	28	34.8	40.7
Service, except private household and protective	8,414	1,031	2,670	4,712	3,632	372	707	32.4	41.6
Precision production, craft, and repair	1,188	76	114	998	656	173	169	39.5	42.6
Operators, fabricators, and laborers	4,090	375	578	3,137	2,365	389	383	37.0	41.6
Machine operators, assemblers, and inspectors	2,764	225	193	2,347	1,808	299	240	38.4	41.2
Transportation and material moving occupations	458	47	165	246	149	22	75	34.3	44.4
Handlers, equipment cleaners, helpers, and laborers	868	103	221	544	407	68	68	34.1	42.1

¹ Excludes farming, forestry, and fishing occupations.

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status and sex	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL													
Noninstitutional population ¹	194,026	194,159	194,298	194,456	194,618	194,767	194,933	195,104	195,275	195,453	195,626	195,791	195,933
Labor force ¹	128,986	128,739	128,912	128,937	129,031	129,559	129,533	129,573	129,816	129,590	130,055	130,132	130,359
Percent of population ²	66.5	66.3	66.3	66.3	66.3	66.5	66.4	66.4	66.5	66.3	66.5	66.5	66.5
Total employed ¹	119,672	119,693	119,954	120,059	120,077	120,664	120,664	120,841	121,174	121,050	121,416	121,802	122,122
Employment-population ratio ³	61.7	61.6	61.7	61.7	61.7	62.0	61.9	61.9	62.1	61.9	62.1	62.2	62.3
Resident Armed Forces	1,517	1,515	1,512	1,497	1,492	1,484	1,477	1,471	1,482	1,482	1,475	1,470	1,461
Civilian employed	118,155	118,178	118,442	118,562	118,585	119,180	119,187	119,370	119,692	119,568	119,941	120,332	120,661
Agriculture	3,222	3,182	3,116	3,099	3,071	3,074	3,031	3,043	3,005	3,093	3,021	3,114	3,096
Nonagricultural industries	114,933	114,996	115,326	115,463	115,514	116,106	116,156	116,327	116,687	116,475	116,920	117,218	117,565
Unemployed	9,314	9,046	8,958	8,878	8,954	8,895	8,869	8,732	8,642	8,540	8,639	8,330	8,237
Unemployment rate ⁴	7.2	7.0	6.9	6.9	6.9	6.9	6.8	6.7	6.7	6.6	6.6	6.4	6.3
Not in labor force	65,040	65,420	65,386	65,519	65,587	65,208	65,400	65,531	65,459	65,863	65,571	65,659	65,574
Men													
Noninstitutional population ¹	93,420	93,488	93,563	93,646	93,731	93,809	93,896	93,986	94,076	94,169	94,260	94,347	94,421
Labor force ¹	70,739	70,572	70,751	70,844	70,852	71,033	71,006	71,047	71,174	70,906	71,139	71,044	71,118
Percent of population ²	75.7	75.5	75.6	75.7	75.6	75.7	75.6	75.6	75.7	75.3	75.5	75.3	75.3
Total employed ¹	65,538	65,595	65,684	65,697	65,754	66,017	65,965	66,045	66,231	66,082	66,290	66,456	66,564
Employment-population ratio ³	70.2	70.2	70.2	70.2	70.2	70.4	70.3	70.3	70.4	70.2	70.3	70.4	70.5
Resident Armed Forces	1,360	1,358	1,355	1,342	1,338	1,330	1,323	1,317	1,327	1,326	1,319	1,314	1,305
Civilian employed	64,178	64,237	64,329	64,355	64,416	64,687	64,642	64,728	64,904	64,756	64,971	65,144	65,259
Unemployed	5,201	4,977	5,067	5,147	5,098	5,016	5,041	5,002	4,943	4,824	4,849	4,586	4,554
Unemployment rate ⁴	7.4	7.1	7.2	7.3	7.2	7.1	7.1	7.0	6.9	6.8	6.8	6.5	6.4
Not in labor force	22,681	22,916	22,812	22,802	22,879	22,776	22,890	22,939	22,902	23,263	23,121	23,303	23,303
Women													
Noninstitutional population ¹	100,606	100,671	100,734	100,809	100,887	100,959	101,037	101,119	101,199	101,284	101,366	101,444	101,512
Labor force ¹	58,247	58,167	58,161	58,093	58,179	58,526	58,527	58,526	58,642	58,684	58,916	59,088	59,241
Percent of population ²	57.9	57.8	57.7	57.6	57.7	58.0	57.9	57.9	57.9	57.9	58.1	58.2	58.4
Total employed ¹	54,134	54,098	54,270	54,362	54,323	54,647	54,699	54,796	54,943	54,968	55,126	55,344	55,558
Employment-population ratio ³	53.8	53.7	53.9	53.9	53.8	54.1	54.1	54.2	54.3	54.3	54.4	54.6	54.7
Resident Armed Forces	157	157	157	155	154	154	154	154	155	156	156	156	156
Civilian employed	53,977	53,941	54,113	54,207	54,169	54,493	54,545	54,642	54,788	54,812	54,970	55,188	55,402
Unemployed	4,113	4,069	3,891	3,731	3,856	3,879	3,828	3,730	3,699	3,716	3,790	3,744	3,683
Unemployment rate ⁴	7.1	7.0	6.7	6.4	6.6	6.6	6.5	6.4	6.3	6.3	6.4	6.3	6.2
Not in labor force	42,359	42,504	42,573	42,716	42,708	42,433	42,510	42,593	42,557	42,600	42,450	42,356	42,271

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

² Labor force as a percent of the noninstitutional population.

³ Total employment as a percent of the noninstitutional population.

⁴ Unemployment as a percent of the labor force (including the resident Armed Forces).

NOTE: The population and Armed Forces figures are not adjusted for seasonal variation. Detail for the seasonally adjusted data shown in tables A-32 through A-41 will not necessarily add to totals because of the independent seasonal adjustment of the various series. Seasonally adjusted data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, sex, and age	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL													
Civilian noninstitutional population ¹	192,509	192,644	192,786	192,959	193,126	193,283	193,456	193,633	193,793	193,971	194,151	194,321	194,472
Civilian labor force	127,469	127,224	127,400	127,440	127,539	128,075	128,056	128,102	128,334	128,108	128,580	128,662	128,898
Percent of population	66.2	66.0	66.1	66.0	66.0	66.3	66.2	66.2	66.2	66.0	66.2	66.2	66.3
Employed	118,155	118,178	118,442	118,562	118,585	119,180	119,187	119,370	119,692	119,568	119,941	120,332	120,661
Employment-population ratio ²	61.4	61.3	61.4	61.4	61.4	61.7	61.6	61.6	61.8	61.6	61.8	61.9	62.0
Unemployed	9,314	9,046	8,958	8,878	8,954	8,895	8,869	8,732	8,642	8,540	8,639	8,330	8,237
Unemployment rate	7.3	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.7	6.7	6.5	6.4
Men, 16 years and over													
Civilian noninstitutional population ¹	92,060	92,130	92,208	92,304	92,393	92,479	92,573	92,669	92,749	92,843	92,941	93,033	93,116
Civilian labor force	69,379	69,214	69,396	69,502	69,514	69,703	69,683	69,730	69,847	69,580	69,820	69,730	69,813
Percent of population	75.4	75.1	75.3	75.3	75.2	75.4	75.3	75.2	75.3	74.9	75.1	75.0	75.0
Employed	64,178	64,237	64,329	64,355	64,416	64,687	64,642	64,728	64,904	64,756	64,971	65,144	65,259
Employment-population ratio ²	69.7	69.7	69.8	69.7	69.7	69.9	69.8	69.8	70.0	69.7	69.9	70.0	70.1
Agriculture	2,563	2,530	2,511	2,451	2,461	2,447	2,398	2,391	2,352	2,455	2,376	2,481	2,461
Nonagricultural industries	61,615	61,707	61,818	61,904	61,955	62,240	62,244	62,337	62,552	62,301	62,595	62,663	62,798
Unemployed	5,201	4,977	5,067	5,147	5,098	5,016	5,041	5,002	4,943	4,824	4,849	4,586	4,554
Unemployment rate	7.5	7.2	7.3	7.4	7.3	7.2	7.2	7.2	7.1	6.9	6.9	6.6	6.5
Not in labor force	22,681	22,916	22,812	22,802	22,879	22,776	22,890	22,939	22,902	23,263	23,121	23,303	23,303
Men, 20 years and over													
Civilian noninstitutional population ¹	85,369	85,445	85,554	85,664	85,731	85,816	85,872	85,950	86,002	86,075	86,156	86,245	86,373
Civilian labor force	65,762	65,658	65,802	65,916	65,902	66,134	66,087	66,140	66,221	66,038	66,306	66,198	66,321
Percent of population	77.0	76.8	76.9	76.9	76.9	77.1	77.0	77.0	77.0	76.7	77.0	76.8	76.8
Employed	61,314	61,418	61,477	61,498	61,614	61,849	61,805	61,869	62,006	61,901	62,172	62,315	62,444
Employment-population ratio ²	71.8	71.9	71.9	71.8	71.9	72.1	72.0	72.0	72.1	71.9	72.2	72.3	72.3
Agriculture	2,346	2,328	2,295	2,261	2,273	2,246	2,220	2,235	2,193	2,264	2,223	2,334	2,300
Nonagricultural industries	58,968	59,090	59,182	59,237	59,341	59,603	59,585	59,634	59,813	59,637	59,949	59,981	60,144
Unemployed	4,448	4,240	4,325	4,418	4,288	4,285	4,282	4,271	4,215	4,137	4,134	3,883	3,877
Unemployment rate	6.8	6.5	6.6	6.7	6.5	6.5	6.5	6.5	6.4	6.3	6.2	5.9	5.8
Not in labor force	19,607	19,787	19,752	19,748	19,829	19,682	19,785	19,810	19,781	20,037	19,850	20,047	20,052
Women, 16 years and over													
Civilian noninstitutional population ¹	100,449	100,514	100,577	100,654	100,733	100,805	100,883	100,965	101,044	101,128	101,210	101,288	101,356
Civilian labor force	58,090	58,010	58,004	57,938	58,025	58,372	58,373	58,372	58,487	58,528	58,760	58,932	59,085
Percent of population	57.8	57.7	57.7	57.8	57.6	57.9	57.9	57.8	57.9	57.9	58.1	58.2	58.3
Employed	53,977	53,941	54,113	54,207	54,169	54,493	54,545	54,642	54,788	54,812	54,970	55,188	55,402
Employment-population ratio ²	53.7	53.7	53.8	53.9	53.8	54.1	54.1	54.1	54.2	54.2	54.3	54.5	54.7
Agriculture	659	652	605	648	610	627	633	652	653	638	645	633	635
Nonagricultural industries	53,318	53,289	53,508	53,559	53,559	53,866	53,912	53,990	54,135	54,174	54,325	54,555	54,767
Unemployed	4,113	4,069	3,891	3,731	3,856	3,879	3,828	3,730	3,699	3,716	3,790	3,744	3,683
Unemployment rate	7.1	7.0	6.7	6.4	6.6	6.6	6.6	6.4	6.3	6.3	6.4	6.4	6.2
Not in labor force	42,359	42,504	42,573	42,716	42,708	42,433	42,510	42,593	42,557	42,600	42,450	42,356	42,271
Women, 20 years and over													
Civilian noninstitutional population ¹	93,980	94,007	94,088	94,148	94,214	94,264	94,315	94,425	94,490	94,575	94,656	94,709	94,764
Civilian labor force	54,895	54,783	54,774	54,759	54,814	55,016	55,132	55,100	55,249	55,251	55,462	55,621	55,783
Percent of population	58.4	58.3	58.2	58.2	58.2	58.4	58.5	58.4	58.5	58.4	58.6	58.7	58.9
Employed	51,358	51,308	51,479	51,616	51,533	51,777	51,875	51,901	52,084	52,072	52,243	52,423	52,631
Employment-population ratio ²	54.7	54.6	54.7	54.8	54.7	54.9	55.0	55.0	55.1	55.1	55.2	55.4	55.5
Agriculture	606	605	564	615	584	597	596	616	614	596	601	597	599
Nonagricultural industries	50,752	50,703	50,915	51,001	50,949	51,180	51,279	51,285	51,470	51,476	51,642	51,826	52,032
Unemployed	3,537	3,475	3,295	3,143	3,281	3,239	3,257	3,199	3,165	3,179	3,219	3,198	3,152
Unemployment rate	6.4	6.3	6.0	5.7	6.0	5.9	5.9	5.8	5.7	5.8	5.8	5.7	5.7
Not in labor force	39,085	39,224	39,314	39,389	39,400	39,248	39,183	39,325	39,241	39,324	39,194	39,088	38,981
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	13,181	13,191	13,143	13,147	13,181	13,203	13,270	13,258	13,301	13,321	13,339	13,367	13,335
Civilian labor force	6,812	6,783	6,824	6,765	6,823	6,825	6,837	6,862	6,864	6,819	6,812	6,843	6,794
Percent of population	51.7	51.4	51.9	51.5	51.8	52.5	51.5	51.8	51.6	51.2	51.1	51.2	50.9
Employed	5,483	5,452	5,486	5,448	5,438	5,554	5,507	5,600	5,602	5,595	5,526	5,594	5,586
Employment-population ratio ²	41.6	41.3	41.7	41.4	41.3	42.1	41.5	42.2	42.1	42.0	41.4	41.8	41.9
Agriculture	270	249	257	223	214	231	215	192	198	233	197	183	197
Nonagricultural industries	5,213	5,203	5,229	5,225	5,224	5,323	5,292	5,408	5,404	5,362	5,329	5,411	5,389
Unemployed	1,329	1,331	1,338	1,317	1,385	1,371	1,330	1,262	1,262	1,224	1,286	1,249	1,208
Unemployment rate	19.5	19.6	19.6	19.5	20.3	19.8	19.5	18.4	18.4	17.9	18.9	18.3	17.8
Not in labor force	6,369	6,408	6,319	6,382	6,358	6,278	6,433	6,396	6,437	6,502	6,527	6,524	6,541

¹ The population figures are not adjusted for seasonal variation.

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

NOTE: Seasonally adjusted data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
WHITE													
Civilian noninstitutional population ¹	163,259	163,343	163,429	163,543	163,649	163,748	163,857	163,971	164,074	164,190	164,309	164,421	164,516
Civilian labor force	108,861	108,779	108,746	108,922	108,791	109,234	109,373	109,393	109,646	109,492	110,009	109,804	110,016
Percent of population	66.7	66.6	66.5	66.6	66.5	66.7	66.7	66.7	66.8	66.7	67.0	66.8	66.9
Employed	101,944	102,029	102,076	102,251	102,190	102,612	102,721	102,835	103,179	103,094	103,273	103,662	103,807
Employment-population ratio ²	62.4	62.5	62.5	62.5	62.4	62.7	62.7	62.7	62.9	62.8	62.9	63.0	63.1
Unemployed	6,917	6,750	6,670	6,671	6,601	6,622	6,652	6,558	6,467	6,398	6,736	6,142	6,209
Unemployment rate	6.4	6.2	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.8	6.1	5.6	5.6
Men, 20 years and over													
Civilian labor force	56,941	56,921	56,922	57,036	56,961	57,082	57,135	57,136	57,196	57,097	57,390	57,123	57,280
Percent of population	77.6	77.5	77.5	77.6	77.4	77.5	77.5	77.5	77.5	77.3	77.7	77.2	77.4
Employed	53,540	53,613	53,613	53,649	53,698	53,818	53,878	53,840	53,986	53,948	54,144	54,279	54,283
Employment-population ratio ²	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.0	73.2	73.1	73.3	73.4	73.3
Unemployed	3,401	3,308	3,309	3,387	3,263	3,264	3,257	3,296	3,210	3,149	3,246	2,844	2,997
Unemployment rate	6.0	5.8	5.8	5.9	5.7	5.7	5.7	5.8	5.6	5.5	5.7	5.0	5.2
Women, 20 years and over													
Civilian labor force	46,145	46,099	46,037	46,112	46,042	46,291	46,458	46,446	46,586	46,544	46,710	46,768	46,872
Percent of population	58.1	58.1	58.0	58.0	57.9	58.2	58.4	58.3	58.5	58.4	58.5	58.6	58.7
Employed	43,577	43,608	43,639	43,773	43,666	43,916	44,008	44,093	44,263	44,207	44,223	44,392	44,554
Employment-population ratio ²	54.9	54.9	54.9	55.1	54.9	55.2	55.3	55.4	55.5	55.4	55.4	55.6	55.8
Unemployed	2,568	2,491	2,398	2,339	2,376	2,375	2,450	2,353	2,323	2,337	2,487	2,376	2,318
Unemployment rate	5.6	5.4	5.2	5.1	5.2	5.1	5.3	5.1	5.0	5.0	5.3	5.1	4.9
Both sexes, 16 to 19 years													
Civilian labor force	5,775	5,759	5,787	5,774	5,788	5,861	5,780	5,811	5,864	5,851	5,909	5,913	5,864
Percent of population	54.9	54.7	55.0	54.8	54.9	55.5	54.7	54.9	55.3	55.1	55.6	55.6	55.1
Employed	4,827	4,808	4,824	4,829	4,826	4,878	4,835	4,902	4,930	4,939	4,906	4,991	4,970
Employment-population ratio ²	45.9	45.7	45.8	45.8	45.8	46.2	45.8	46.3	46.5	46.5	46.2	46.9	46.7
Unemployed	948	951	963	945	962	983	945	909	934	912	1,003	922	894
Unemployment rate	16.4	16.5	16.6	16.4	16.6	16.8	16.3	15.6	15.9	15.6	17.0	15.6	15.2
Men	17.5	17.9	17.8	17.1	18.5	17.2	18.4	17.7	17.7	16.8	17.9	17.7	16.9
Women	15.2	15.0	15.3	15.5	14.5	16.3	14.0	13.4	14.0	14.3	16.0	13.3	13.4
BLACK													
Civilian noninstitutional population ¹	22,131	22,157	22,184	22,217	22,249	22,280	22,313	22,346	22,375	22,408	22,442	22,475	22,504
Civilian labor force	13,933	13,817	14,014	13,862	13,868	13,944	13,922	13,920	13,969	13,952	13,945	14,057	14,011
Percent of population	63.0	62.4	63.2	62.4	62.3	62.6	62.4	62.3	62.4	62.3	62.1	62.5	62.3
Employed	11,954	11,864	12,157	11,991	11,965	12,140	12,076	12,134	12,225	12,202	12,292	12,297	12,397
Employment-population ratio ²	54.0	53.5	54.8	54.0	53.8	54.5	54.1	54.3	54.6	54.5	54.8	54.7	55.1
Unemployed	1,979	1,953	1,857	1,871	1,903	1,804	1,846	1,786	1,744	1,750	1,653	1,760	1,614
Unemployment rate	14.2	14.1	13.3	13.5	13.7	12.9	13.3	12.8	12.5	12.5	11.9	12.5	11.5
Men, 20 years and over													
Civilian labor force	6,460	6,475	6,544	6,489	6,416	6,486	6,492	6,509	6,552	6,507	6,482	6,529	6,469
Percent of population	72.2	72.3	73.0	72.2	71.3	72.0	71.9	72.0	72.4	71.8	71.5	71.8	70.9
Employed	5,594	5,638	5,747	5,644	5,599	5,695	5,677	5,742	5,764	5,717	5,770	5,725	5,787
Employment-population ratio ²	62.6	63.0	64.1	62.8	62.2	63.2	62.9	63.5	63.7	63.1	63.6	63.0	63.5
Unemployed	866	837	797	845	817	791	815	767	788	790	712	804	682
Unemployment rate	13.4	12.9	12.2	13.0	12.7	12.2	12.6	11.8	12.0	12.1	11.0	12.3	10.5
Women, 20 years and over													
Civilian labor force	6,672	6,545	6,672	6,605	6,655	6,641	6,658	6,605	6,644	6,686	6,731	6,766	6,801
Percent of population	60.1	58.9	59.9	59.2	59.6	59.4	59.5	58.9	59.2	59.5	59.8	60.1	60.3
Employed	5,875	5,741	5,923	5,904	5,930	5,951	5,948	5,879	5,947	6,001	6,059	6,111	6,143
Employment-population ratio ²	52.9	51.6	53.2	53.0	53.1	53.2	53.1	52.5	53.0	53.4	53.9	54.2	54.5
Unemployed	797	804	749	701	725	690	710	726	697	685	672	655	658
Unemployment rate	11.9	12.3	11.2	10.6	10.9	10.4	10.7	11.0	10.5	10.2	10.0	9.7	9.7

See footnotes at end of table.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	801	797	798	768	797	817	772	806	773	759	732	762	741
Percent of population	38.5	38.3	38.3	36.8	38.2	39.1	36.9	38.5	36.8	35.9	34.5	35.9	35.2
Employed	485	485	487	443	436	494	451	513	514	484	463	461	467
Employment-population ratio ²	23.3	23.3	23.4	21.2	20.9	23.6	21.6	24.5	24.5	22.9	21.8	21.7	22.2
Unemployed	316	312	311	325	361	323	321	293	259	275	269	301	274
Unemployment rate	39.5	39.1	39.0	42.3	45.3	39.5	41.6	36.4	33.5	36.2	36.7	39.5	37.0
Men	41.5	39.7	39.5	44.1	46.8	40.2	38.8	37.9	34.9	39.7	40.6	39.2	38.8
Women	37.0	38.5	38.4	40.1	43.2	38.7	44.8	34.7	32.0	32.3	32.8	39.7	35.2
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	15,461	15,500	15,540	15,585	15,635	15,681	15,729	15,777	15,824	15,871	15,917	15,967	16,014
Civilian labor force	10,252	10,225	10,273	10,311	10,232	10,247	10,285	10,375	10,331	10,433	10,586	10,575	10,625
Percent of population	66.3	66.0	66.1	66.2	65.4	65.3	65.4	65.8	65.3	65.7	66.5	66.2	66.3
Employed	9,098	9,064	9,113	9,152	9,154	9,226	9,221	9,250	9,311	9,394	9,384	9,476	9,513
Employment-population ratio ²	58.8	58.5	58.6	58.7	58.5	58.8	58.6	58.6	58.8	59.2	59.0	59.3	59.4
Unemployed	1,154	1,161	1,160	1,159	1,078	1,021	1,064	1,125	1,020	1,039	1,202	1,099	1,112
Unemployment rate	11.3	11.4	11.3	11.2	10.5	10.0	10.3	10.8	9.9	10.0	11.4	10.4	10.5

¹ The population figures are not adjusted for seasonal variation.

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

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

and Hispanics are included in both the white and black population groups. Seasonally adjusted data have been revised based on the experience through December 1993. See the article in this issue for additional information.

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

(In thousands)

Category	1993												
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
CHARACTERISTIC													
Total	118,155	118,178	118,442	118,562	118,585	119,180	119,187	119,370	119,692	119,568	119,941	120,332	120,661
Married men, spouse present	40,674	40,678	40,837	40,862	40,935	41,057	40,958	40,877	40,792	40,826	40,816	40,842	40,951
Married women, spouse present	30,315	30,273	30,429	30,583	30,194	30,393	30,340	30,322	30,536	30,509	30,641	30,872	31,051
Women who maintain families	6,603	6,599	6,654	6,760	6,923	6,804	6,772	6,806	6,840	6,833	6,784	6,704	6,693
OCCUPATION													
Managerial and professional specialty	31,544	31,833	31,851	32,204	31,701	32,056	32,180	32,370	32,476	32,538	32,635	32,739	32,764
Technical, sales, and administrative support	36,669	36,435	36,699	36,438	36,526	36,764	36,844	37,171	36,902	36,832	36,965	36,974	37,243
Service occupations	16,249	16,348	16,419	16,432	16,483	16,571	16,515	16,466	16,470	16,547	16,599	16,688	16,734
Precision production, craft, and repair	13,288	13,023	12,989	12,999	13,141	13,301	13,401	13,280	13,726	13,487	13,430	13,597	13,445
Operators, fabricators, and laborers	16,961	17,104	17,220	17,136	17,173	17,076	16,896	16,859	16,892	16,968	16,996	16,958	17,209
Farming, forestry, and fishing	3,492	3,409	3,328	3,385	3,310	3,348	3,299	3,286	3,262	3,319	3,287	3,389	3,325
INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,692	1,648	1,619	1,592	1,630	1,604	1,602	1,626	1,566	1,667	1,657	1,719	1,724
Self-employed workers	1,408	1,395	1,367	1,384	1,333	1,365	1,336	1,323	1,312	1,319	1,274	1,311	1,269
Unpaid family workers	102	130	126	126	107	111	103	93	110	90	97	89	92
Nonagricultural industries:													
Wage and salary workers	105,924	105,942	106,158	106,415	106,235	106,751	106,887	107,057	107,370	107,331	107,727	107,975	108,247
Government	18,107	18,441	18,497	18,517	18,524	18,577	18,553	18,435	18,527	18,507	18,476	18,493	18,503
Private industries	87,817	87,501	87,661	87,898	87,711	88,174	88,334	88,622	88,843	88,824	89,251	89,482	89,744
Private households	1,106	1,073	1,085	1,127	1,108	1,095	1,059	1,081	1,128	1,123	1,179	1,103	1,104
Other industries	86,711	86,428	86,576	86,771	86,603	87,079	87,275	87,541	87,715	87,701	88,072	88,379	88,640
Self-employed workers	8,710	8,799	9,047	8,842	8,971	9,180	9,102	9,093	9,026	8,949	8,961	9,011	9,053
Unpaid family workers	225	242	222	208	233	197	150	203	245	250	229	223	217
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	6,344	6,299	6,418	6,248	6,405	6,490	6,435	6,451	6,469	6,394	6,202	6,126	6,217
Slack work	3,196	3,067	3,154	3,083	3,144	3,185	3,378	3,099	3,202	3,167	3,072	3,037	3,099
Could only find part-time work	2,868	2,895	2,958	2,863	2,966	2,986	2,842	2,986	2,935	2,937	2,872	2,810	2,828
Voluntary part time	14,865	14,821	14,799	14,908	14,663	15,083	15,272	15,121	15,216	15,182	15,201	15,290	15,373
Nonagricultural industries:													
Part time for economic reasons	6,085	6,016	6,197	6,029	6,189	6,219	6,192	6,213	6,216	6,173	5,957	5,904	5,934
Slack work	3,021	2,899	2,988	2,926	2,966	3,012	3,220	2,920	3,049	3,006	2,927	2,905	2,922
Could only find part-time work	2,799	2,841	2,897	2,789	2,879	2,888	2,770	2,931	2,858	2,879	2,773	2,719	2,739
Voluntary part time	14,444	14,392	14,385	14,446	14,293	14,657	14,847	14,707	14,814	14,757	14,788	14,858	14,909

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

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(In thousands)

Sex and age	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	118,155	118,178	118,442	118,562	118,585	119,180	119,187	119,370	119,692	119,568	119,941	120,332	120,661
16 to 24 years	17,682	17,609	17,650	17,629	17,545	17,750	17,712	17,752	17,688	17,679	17,648	17,663	17,709
16 to 19 years	5,483	5,452	5,486	5,448	5,438	5,554	5,507	5,600	5,602	5,595	5,526	5,594	5,586
16 to 17 years	2,083	2,067	2,102	2,069	2,056	2,196	2,082	2,153	2,185	2,193	2,162	2,194	2,240
18 to 19 years	3,387	3,358	3,379	3,379	3,386	3,372	3,394	3,425	3,410	3,412	3,375	3,406	3,350
20 to 24 years	12,199	12,157	12,164	12,181	12,107	12,196	12,205	12,152	12,088	12,084	12,122	12,069	12,123
25 years and over	100,494	100,548	100,822	100,939	100,945	101,443	101,516	101,608	102,006	101,899	102,310	102,665	102,976
25 to 54 years	85,875	85,930	86,039	86,311	86,307	86,630	86,731	86,947	87,204	87,275	87,479	87,968	88,197
55 years and over	14,663	14,626	14,830	14,649	14,600	14,733	14,760	14,587	14,830	14,612	14,787	14,806	14,831
Men, 16 years and over	64,178	64,237	64,329	64,355	64,416	64,687	64,642	64,728	64,904	64,756	64,971	65,144	65,259
16 to 24 years	9,266	9,216	9,269	9,244	9,101	9,185	9,184	9,199	9,245	9,182	9,179	9,171	9,165
16 to 19 years	2,864	2,819	2,852	2,857	2,802	2,838	2,837	2,859	2,888	2,855	2,799	2,829	2,815
16 to 17 years	1,091	1,057	1,090	1,109	1,063	1,117	1,080	1,112	1,130	1,120	1,106	1,133	1,152
18 to 19 years	1,766	1,746	1,753	1,753	1,745	1,720	1,742	1,729	1,743	1,745	1,701	1,705	1,670
20 to 24 years	6,402	6,397	6,417	6,387	6,299	6,347	6,347	6,340	6,347	6,327	6,380	6,342	6,350
25 years and over	54,909	55,017	55,083	55,100	55,242	55,503	55,484	55,538	55,667	55,581	55,823	55,970	56,089
25 to 54 years	46,643	46,739	46,730	46,813	47,003	47,158	47,178	47,321	47,366	47,386	47,496	47,791	47,960
55 years and over	8,260	8,300	8,384	8,276	8,226	8,293	8,284	8,187	8,288	8,199	8,318	8,241	8,253
Women, 16 years and over	53,977	53,941	54,113	54,207	54,169	54,493	54,545	54,642	54,788	54,812	54,970	55,188	55,402
16 to 24 years	8,416	8,393	8,381	8,385	8,444	8,565	8,528	8,553	8,443	8,497	8,469	8,492	8,544
16 to 19 years	2,619	2,633	2,634	2,591	2,636	2,716	2,670	2,741	2,704	2,740	2,727	2,765	2,771
16 to 17 years	992	1,010	1,012	960	993	1,079	1,002	1,041	1,055	1,073	1,056	1,061	1,088
18 to 19 years	1,621	1,612	1,626	1,626	1,641	1,652	1,696	1,667	1,667	1,674	1,701	1,680	
20 to 24 years	5,797	5,760	5,747	5,794	5,808	5,849	5,858	5,812	5,739	5,757	5,742	5,727	5,773
25 years and over	45,585	45,531	45,739	45,839	45,703	45,940	46,032	46,070	46,339	46,318	46,487	46,695	46,887
25 to 54 years	39,232	39,191	39,309	39,498	39,304	39,472	39,553	39,626	39,838	39,889	39,983	40,177	40,337
55 years and over	6,383	6,326	6,446	6,373	6,374	6,440	6,476	6,400	6,542	6,413	6,469	6,565	6,578

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

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

(In thousands)

Sex and age	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	9,314	9,046	8,958	8,878	8,954	8,895	8,869	8,732	8,642	8,540	8,639	8,330	8,237
16 to 24 years	2,886	2,851	2,855	2,778	2,834	2,899	2,747	2,683	2,695	2,574	2,616	2,568	2,480
16 to 19 years	1,329	1,331	1,338	1,317	1,385	1,371	1,330	1,262	1,262	1,224	1,286	1,249	1,208
16 to 17 years	600	639	590	641	587	591	628	551	547	519	566	566	527
18 to 19 years	737	666	747	677	793	791	717	707	706	694	724	687	689
20 to 24 years	1,557	1,520	1,517	1,461	1,449	1,528	1,417	1,421	1,433	1,350	1,330	1,319	1,272
25 years and over	6,420	6,288	6,077	6,070	6,101	5,977	6,140	6,040	5,942	5,978	6,016	5,747	5,750
25 to 54 years	5,744	5,559	5,408	5,428	5,424	5,311	5,457	5,395	5,270	5,273	5,369	5,124	5,106
55 years and over	688	685	673	653	640	652	651	651	662	721	699	649	657
Men, 16 years and over	5,201	4,977	5,067	5,147	5,098	5,016	5,041	5,002	4,943	4,824	4,849	4,586	4,554
16 to 24 years	1,620	1,591	1,580	1,562	1,634	1,608	1,572	1,535	1,567	1,463	1,475	1,438	1,389
16 to 19 years	753	737	742	729	810	731	759	731	728	667	715	703	677
16 to 17 years	333	362	333	347	336	331	384	321	314	286	312	314	286
18 to 19 years	419	358	408	387	478	411	392	409	409	389	404	388	390
20 to 24 years	867	854	838	833	824	877	813	804	839	776	760	735	712
25 years and over	3,587	3,485	3,465	3,552	3,461	3,390	3,461	3,458	3,374	3,360	3,365	3,141	3,171
25 to 54 years	3,175	3,070	3,074	3,127	3,042	2,972	3,070	3,039	2,948	2,911	2,961	2,755	2,774
55 years and over	426	403	403	420	393	410	379	410	425	462	417	391	411
Women, 16 years and over	4,113	4,069	3,891	3,731	3,856	3,879	3,828	3,730	3,699	3,716	3,790	3,744	3,683
16 to 24 years	1,266	1,260	1,275	1,218	1,200	1,291	1,175	1,148	1,128	1,111	1,141	1,130	1,091
16 to 19 years	576	594	596	588	575	640	571	531	534	537	571	546	531
16 to 17 years	267	277	257	294	261	260	244	230	233	233	254	252	241
18 to 19 years	318	308	339	290	315	380	325	298	297	305	320	299	299
20 to 24 years	690	666	679	628	625	651	604	617	594	574	570	584	560
25 years and over	2,833	2,803	2,612	2,518	2,640	2,587	2,679	2,582	2,568	2,618	2,651	2,606	2,579
25 to 54 years	2,569	2,489	2,334	2,301	2,382	2,339	2,387	2,356	2,322	2,362	2,408	2,369	2,332
55 years and over	262	282	270	233	247	242	272	241	237	259	282	258	246

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

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

(Civilian workers)

Sex and age	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	7.3	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.7	6.7	6.5	6.4
16 to 24 years	14.0	13.9	13.9	13.6	13.9	14.0	13.4	13.1	13.2	12.7	12.9	12.7	12.3
16 to 19 years	19.5	19.6	19.6	19.5	20.3	19.8	19.5	18.4	18.4	17.9	18.9	18.3	17.8
16 to 17 years	22.4	23.6	21.9	23.7	22.5	21.2	23.2	20.4	20.0	19.1	20.7	20.5	19.0
18 to 19 years	17.9	16.6	18.1	16.7	19.0	19.0	17.4	17.1	17.2	16.9	17.7	16.8	17.1
20 to 24 years	11.3	11.1	11.1	10.7	10.7	11.1	10.4	10.5	10.6	10.0	9.9	9.9	9.5
25 years and over	6.0	5.9	5.7	5.7	5.7	5.6	5.7	5.6	5.5	5.5	5.6	5.3	5.3
25 to 54 years	6.3	6.1	5.9	5.9	5.9	5.8	5.9	5.8	5.7	5.7	5.8	5.5	5.5
55 years and over	4.5	4.5	4.3	4.3	4.2	4.2	4.2	4.3	4.3	4.7	4.5	4.2	4.2
Men, 16 years and over	7.5	7.2	7.3	7.4	7.3	7.2	7.2	7.2	7.1	6.9	6.9	6.6	6.5
16 to 24 years	14.9	14.7	14.6	14.5	15.2	14.9	14.6	14.3	14.5	13.7	13.8	13.6	13.2
16 to 19 years	20.8	20.7	20.6	20.3	22.4	20.5	21.1	20.4	20.1	19.4	20.3	19.9	19.4
16 to 17 years	23.4	25.5	23.4	23.8	24.0	22.9	26.2	22.4	21.7	20.3	22.0	21.7	19.9
18 to 19 years	19.2	17.0	18.9	18.1	21.5	19.3	18.4	19.1	19.0	18.2	19.2	18.5	18.9
20 to 24 years	11.9	11.8	11.6	11.5	11.6	12.1	11.4	11.3	11.7	10.9	10.6	10.4	10.1
25 years and over	6.1	6.0	5.9	6.1	5.9	5.8	5.9	5.9	5.7	5.7	5.7	5.3	5.4
25 to 54 years	6.4	6.2	6.2	6.3	6.1	5.9	6.1	6.0	5.9	5.8	5.9	5.5	5.5
55 years and over	4.9	4.6	4.6	4.8	4.6	4.7	4.4	4.8	4.9	5.3	4.8	4.5	4.7
Women, 16 years and over	7.1	7.0	6.7	6.4	6.6	6.6	6.6	6.4	6.3	6.3	6.4	6.4	6.2
16 to 24 years	13.1	13.1	13.2	12.7	12.4	13.1	12.1	11.8	11.8	11.6	11.9	11.7	11.3
16 to 19 years	18.0	18.4	18.5	18.5	17.9	19.1	17.6	16.2	16.5	16.4	17.3	16.5	16.1
16 to 17 years	21.2	21.5	20.3	23.4	20.8	19.4	19.6	18.1	18.1	17.8	19.4	19.2	18.1
18 to 19 years	16.4	16.0	17.3	15.1	16.1	18.7	16.4	14.9	15.1	15.5	16.0	14.9	15.1
20 to 24 years	10.6	10.4	10.6	9.8	9.7	10.0	9.3	9.6	9.4	9.1	9.0	9.3	8.8
25 years and over	5.9	5.8	5.4	5.2	5.5	5.3	5.5	5.3	5.3	5.3	5.4	5.3	5.2
25 to 54 years	6.1	6.0	5.6	5.5	5.7	5.6	5.7	5.6	5.5	5.6	5.7	5.6	5.5
55 years and over	3.9	4.3	4.0	3.5	3.7	3.6	4.0	3.6	3.5	3.9	4.2	3.8	3.6

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-39. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
CHARACTERISTIC													
Total (all civilian workers)	7.3	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.7	6.7	6.5	6.4
Men, 20 years and over	6.8	6.5	6.6	6.7	6.5	6.5	6.5	6.5	6.4	6.3	6.2	5.9	5.8
Women, 20 years and over	6.4	6.3	6.0	5.7	6.0	5.9	5.9	5.8	5.7	5.8	5.8	5.7	5.7
Both sexes, 16 to 19 years	19.5	19.6	19.6	19.5	20.3	19.8	19.5	18.4	18.4	17.9	18.9	18.3	17.8
White	6.4	6.2	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.8	6.1	5.6	5.6
Black and other	12.8	12.7	12.1	12.0	12.4	11.8	12.0	11.6	11.5	11.4	10.9	11.3	10.7
Black	14.2	14.1	13.3	13.5	13.7	12.9	13.3	12.8	12.5	12.5	11.9	12.5	11.5
Hispanic origin	11.3	11.4	11.3	11.2	10.5	10.0	10.3	10.8	9.9	10.0	11.4	10.4	10.5
Married men, spouse present	4.8	4.5	4.6	4.7	4.5	4.5	4.4	4.5	4.4	4.2	4.4	4.0	3.9
Married women, spouse present	4.9	4.9	4.4	4.4	4.8	4.5	4.7	4.7	4.5	4.6	4.8	4.4	4.3
Women who maintain families	10.2	10.4	10.1	9.0	9.6	9.8	9.7	9.6	9.0	9.0	9.3	9.0	10.2
Full-time workers	6.9	6.8	6.7	6.6	6.6	6.6	6.6	6.6	6.5	6.3	6.4	6.1	6.1
Part-time workers	9.8	9.3	9.1	8.9	9.5	8.6	8.9	8.4	8.5	8.6	8.9	8.6	8.1
Unemployed 15 weeks and over ¹	2.8	2.6	2.5	2.4	2.3	2.4	2.4	2.3	2.3	2.4	2.4	2.3	2.2
Labor force time lost ²	8.1	8.0	7.9	7.9	7.8	7.9	7.8	7.8	7.7	7.5	7.6	7.2	7.2
OCCUPATION³													
Managerial and professional specialty	3.2	3.3	3.4	3.1	3.0	3.0	2.8	2.7	2.8	2.8	2.8	2.9	2.8
Technical, sales, and administrative support	5.9	5.5	5.3	5.2	5.4	5.3	5.7	5.3	5.3	5.3	5.3	5.2	5.1
Precision production, craft, and repair	8.7	8.0	7.9	8.3	8.5	8.0	8.3	8.6	7.5	7.6	7.9	6.7	7.4
Operators, fabricators, and laborers	10.1	10.0	10.1	10.3	9.8	10.0	10.0	10.2	10.4	10.1	9.8	9.2	9.1
Farming, forestry, and fishing	8.5	8.4	8.7	8.4	8.6	7.7	7.8	8.1	7.5	7.7	8.1	7.8	8.7
INDUSTRY													
Nonagricultural private wage and salary workers	7.6	7.4	7.2	7.2	7.2	7.2	7.1	7.0	7.0	6.9	6.9	6.7	6.6
Goods-producing industries	9.2	8.9	8.8	9.0	8.9	9.0	9.0	9.2	8.9	8.8	8.4	8.0	7.9
Mining	6.0	7.2	7.3	6.1	8.2	10.7	6.8	5.9	7.2	7.5	6.5	7.2	6.9
Construction	15.9	14.7	14.3	15.3	14.7	15.2	15.1	15.7	14.7	14.1	13.7	12.2	12.7
Manufacturing	7.4	7.4	7.3	7.3	7.3	7.2	7.3	7.3	7.3	7.2	6.9	6.7	6.5
Durable goods	7.6	7.4	7.1	7.2	7.3	7.1	7.4	7.0	7.2	7.3	6.9	6.5	6.3
Nondurable goods	7.1	7.3	7.5	7.6	7.3	7.3	7.1	7.8	7.4	7.2	6.9	7.0	6.8
Service-producing industries	6.9	6.7	6.6	6.5	6.5	6.5	6.4	6.2	6.2	6.2	6.3	6.2	6.2
Transportation and public utilities	5.4	5.0	4.8	4.9	5.1	5.4	4.5	4.9	5.4	5.3	5.5	5.2	5.1
Wholesale and retail trade	8.1	8.0	7.9	7.9	8.1	8.1	7.9	7.5	7.6	7.5	7.9	7.7	7.4
Finance and service industries	6.4	6.2	6.0	5.8	5.8	5.5	5.7	5.5	5.4	5.5	5.5	5.5	5.5
Government workers	3.6	3.6	3.6	3.5	3.4	3.1	3.4	3.4	3.3	2.8	3.1	3.0	3.1
Agricultural wage and salary workers	12.1	11.7	13.0	11.8	11.8	10.8	11.8	11.5	12.1	10.4	11.8	10.3	11.3

¹ Unemployment as a percent of the civilian labor force.

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

³ Seasonally adjusted data for service occupations are not available

because the seasonal components are small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

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

(Numbers in thousands)

Weeks of unemployment	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
DURATION													
Less than 5 weeks	3,040	3,262	3,232	3,148	3,309	3,242	3,232	3,223	3,046	3,052	3,156	2,946	3,063
5 to 14 weeks	2,674	2,543	2,549	2,583	2,537	2,526	2,758	2,543	2,608	2,457	2,491	2,401	2,247
15 weeks and over	3,542	3,293	3,174	3,110	2,986	3,046	3,025	3,007	3,000	3,047	3,030	2,971	2,864
15 to 26 weeks	1,538	1,372	1,284	1,275	1,311	1,270	1,257	1,258	1,259	1,297	1,284	1,216	1,150
27 weeks and over	2,004	1,921	1,890	1,835	1,675	1,776	1,768	1,749	1,741	1,750	1,746	1,755	1,714
Average (mean) duration, in weeks	19.0	18.5	18.2	17.7	17.7	17.8	17.8	17.9	18.3	18.4	18.4	18.9	18.2
Median duration, in weeks	9.3	8.6	8.4	8.4	8.5	8.3	8.3	8.3	8.4	8.9	8.3	8.5	8.2
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	32.8	35.9	36.1	35.6	37.5	36.8	35.9	36.7	35.2	35.7	36.4	35.4	37.5
5 to 14 weeks	28.9	28.0	28.5	29.2	28.7	28.7	30.6	29.0	30.1	28.7	28.7	28.9	27.5
15 weeks and over	38.3	36.2	35.4	35.2	33.8	34.6	33.6	34.3	34.7	35.6	34.9	35.7	35.0
15 to 26 weeks	16.6	15.1	14.3	14.4	14.8	14.4	13.9	14.3	14.5	15.2	14.8	14.6	14.1
27 weeks and over	21.7	21.1	21.1	20.8	19.0	20.1	19.6	19.9	20.1	20.5	20.1	21.1	21.0

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

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

(Numbers in thousands)

Reasons for unemployment	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
NUMBER OF UNEMPLOYED													
Job losers	5,076	4,934	4,799	4,856	4,862	4,752	4,845	4,872	4,864	4,699	4,779	4,444	4,442
On layoff	1,180	1,072	1,081	1,096	1,068	1,144	1,131	1,183	1,190	1,112	1,216	963	1,060
Other job losers	3,896	3,862	3,718	3,760	3,794	3,608	3,714	3,689	3,674	3,587	3,563	3,481	3,382
Job leavers	978	834	1,020	1,061	990	960	940	915	882	926	957	960	932
Reentrants	2,270	2,295	2,281	2,059	2,187	2,237	2,201	2,117	2,081	2,075	2,084	2,084	2,018
New entrants	939	950	899	922	920	890	894	870	834	843	839	833	797
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	54.8	54.7	53.3	54.6	54.3	53.8	54.6	55.5	56.2	55.0	55.2	53.4	54.2
On layoff	12.7	11.9	12.0	12.3	11.9	12.9	12.7	13.5	13.7	13.0	14.0	11.6	12.9
Other job losers	42.1	42.8	41.3	42.3	42.3	40.8	41.8	42.0	42.4	42.0	41.1	41.8	41.3
Job leavers	10.6	9.3	11.3	11.9	11.1	10.9	10.6	10.4	10.2	10.8	11.1	11.5	11.4
Reentrants	24.5	25.5	25.3	23.1	24.4	25.3	24.8	24.1	24.0	24.3	24.1	25.0	24.6
New entrants	10.1	10.5	10.0	10.4	10.3	10.1	10.1	9.9	9.6	9.9	9.7	10.0	9.7
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	4.0	3.9	3.8	3.8	3.8	3.7	3.8	3.8	3.8	3.7	3.7	3.5	3.4
Job leavers .....	.8	.7	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7
Reentrants	1.8	1.8	1.8	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6
New entrants .....	.7	.7	.7	.7	.7	.7	.7	.7	.6	.7	.7	.6	.6

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status and sex	1990	1991				1992				1993			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
TOTAL													
Noninstitutional population ¹	190,297	190,671	190,996	191,593	192,056	192,478	192,884	193,353	193,852	194,304	194,773	195,277	195,783
Labor force ¹	126,575	126,582	126,897	126,834	127,187	127,891	128,648	128,901	128,763	128,863	129,374	129,660	130,182
Percent of population ²	66.5	66.4	66.4	66.2	66.2	66.4	66.7	66.7	66.4	66.3	66.4	66.4	66.5
Total employed ¹	119,099	118,435	118,451	118,410	118,435	118,691	119,141	119,328	119,484	119,902	120,468	121,022	121,780
Employment-population ratio ³	62.6	62.1	62.0	61.8	61.7	61.7	61.8	61.7	61.6	61.7	61.9	62.0	62.2
Resident Armed Forces	1,601	1,559	1,473	1,615	1,608	1,590	1,574	1,567	1,533	1,508	1,484	1,478	1,469
Civilian employed	117,498	116,876	116,978	116,795	116,827	117,101	117,567	117,761	117,951	118,394	118,984	119,543	120,311
Agriculture	3,201	3,177	3,246	3,269	3,209	3,187	3,220	3,222	3,193	3,132	3,059	3,047	3,077
Nonagricultural industries	114,297	113,698	113,732	113,526	113,618	113,914	114,347	114,540	114,757	115,262	115,925	116,496	117,234
Unemployed	7,476	8,148	8,446	8,424	8,752	9,200	9,507	9,573	9,279	8,961	8,906	8,638	8,402
Unemployment rate ⁴	5.9	6.4	6.7	6.6	6.9	7.2	7.4	7.4	7.2	7.0	6.9	6.7	6.5
Not in labor force	63,722	64,089	64,099	64,759	64,870	64,587	64,236	64,452	65,089	65,441	65,398	65,618	65,602
Men													
Noninstitutional population ¹	91,425	91,609	91,737	92,103	92,355	92,585	92,807	93,059	93,328	93,566	93,812	94,077	94,343
Labor force ¹	69,904	69,726	69,774	69,840	69,913	70,188	70,701	70,754	70,709	70,722	70,964	71,042	71,100
Percent of population ²	76.5	76.1	76.1	75.8	75.7	75.8	76.2	76.0	75.8	75.6	75.6	75.5	75.4
Total employed ¹	65,676	65,081	64,933	64,964	64,955	64,876	65,216	65,301	65,418	65,659	65,912	66,119	66,437
Employment-population ratio ³	71.8	71.0	70.8	70.5	70.3	70.1	70.3	70.2	70.1	70.2	70.3	70.3	70.4
Resident Armed Forces	1,440	1,402	1,319	1,441	1,434	1,419	1,414	1,408	1,376	1,352	1,330	1,323	1,313
Civilian employed	64,236	63,679	63,613	63,523	63,521	63,457	63,802	63,893	64,042	64,307	64,582	64,796	65,125
Unemployed	4,227	4,645	4,642	4,877	4,958	5,312	5,485	5,454	5,292	5,064	5,052	4,923	4,663
Unemployment rate ⁴	6.0	6.7	6.9	7.0	7.1	7.6	7.8	7.7	7.5	7.2	7.1	6.9	6.6
Not in labor force	21,521	21,883	21,963	22,262	22,442	22,396	22,106	22,305	22,618	22,843	22,849	23,035	23,242
Women													
Noninstitutional population ¹	98,872	99,062	99,259	99,490	99,701	99,893	100,077	100,294	100,525	100,738	100,961	101,200	101,441
Labor force ¹	56,670	56,856	57,123	56,994	57,274	57,702	57,947	58,147	58,054	58,140	58,411	58,617	59,082
Percent of population ²	57.3	57.4	57.5	57.3	57.4	57.8	57.9	58.0	57.8	57.7	57.9	57.9	58.2
Total employed ¹	53,421	53,354	53,519	53,446	53,479	53,815	53,925	54,027	54,066	54,243	54,556	54,902	55,343
Employment-population ratio ³	54.0	53.9	53.9	53.7	53.6	53.9	53.9	53.9	53.8	53.8	54.0	54.3	54.6
Resident Armed Forces	160	157	154	174	173	170	160	159	158	156	154	155	156
Civilian employed	53,261	53,197	53,365	53,272	53,306	53,644	53,765	53,868	53,909	54,087	54,402	54,747	55,187
Unemployed	3,249	3,502	3,604	3,548	3,795	3,888	4,022	4,119	3,987	3,897	3,854	3,715	3,739
Unemployment rate ⁴	5.7	6.2	6.3	6.2	6.6	6.7	6.9	7.1	6.9	6.7	6.6	6.3	6.3
Not in labor force	42,201	42,206	42,137	42,496	42,427	42,191	42,130	42,147	42,471	42,598	42,550	42,583	42,359

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

² Labor force as a percent of the noninstitutional population.

³ Total employment as a percent of the noninstitutional population.

⁴ Unemployment as a percent of the labor force (including the resident Armed Forces).

NOTE: The population and Armed Forces figures are not adjusted for seasonal variation. Detail for the seasonally adjusted data shown in tables A-42 through A-53 will not necessarily add to totals because of the independent seasonal adjustment of the various series. Seasonally adjusted data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, and age	1990	1991				1992				1993			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
TOTAL													
Civilian noninstitutional population ¹	188,696	189,112	189,523	189,978	190,449	190,888	191,310	191,786	192,319	192,796	193,288	193,799	194,315
Civilian labor force	124,974	125,023	125,424	125,219	125,579	126,301	127,074	127,334	127,230	127,355	127,890	128,181	128,713
Percent of population	66.2	66.1	66.2	65.9	65.9	66.2	66.4	66.4	66.2	66.1	66.2	66.1	66.2
Employed	117,498	116,876	116,978	116,795	116,827	117,101	117,567	117,761	117,951	118,394	118,984	119,543	120,311
Employment-population ratio ²	62.3	61.8	61.7	61.5	61.3	61.3	61.5	61.4	61.3	61.4	61.6	61.7	61.9
Unemployed	7,476	8,148	8,446	8,424	8,752	9,200	9,507	9,573	9,279	8,961	8,906	8,638	8,402
Unemployment rate	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0	6.7	6.5
Men, 16 years and over													
Civilian noninstitutional population ¹	89,985	90,207	90,418	90,662	90,921	91,165	91,393	91,652	91,952	92,214	92,482	92,754	93,030
Civilian labor force	68,464	68,324	68,455	68,400	68,479	68,769	69,287	69,347	69,334	69,371	69,633	69,719	69,788
Percent of population	76.1	75.7	75.7	75.4	75.3	75.4	75.8	75.7	75.4	75.2	75.3	75.2	75.0
Employed	64,236	63,679	63,613	63,523	63,521	63,457	63,802	63,893	64,042	64,307	64,582	64,796	65,125
Employment-population ratio ²	71.4	70.6	70.4	70.1	69.9	69.6	69.8	69.7	69.6	69.7	69.8	69.9	70.0
Agriculture	2,529	2,504	2,575	2,583	2,519	2,484	2,527	2,567	2,548	2,497	2,435	2,399	2,439
Nonagricultural industries	61,707	61,175	61,038	60,940	61,002	60,973	61,275	61,326	61,494	61,810	62,146	62,397	62,685
Unemployed	4,227	4,645	4,842	4,877	4,958	5,312	5,485	5,454	5,292	5,064	5,052	4,923	4,663
Unemployment rate	6.2	6.8	7.1	7.1	7.2	7.7	7.9	7.9	7.6	7.3	7.3	7.1	6.7
Not in labor force	21,521	21,883	21,963	22,262	22,442	22,396	22,106	22,305	22,618	22,843	22,849	23,035	23,242
Men, 20 years and over													
Civilian noninstitutional population ¹	83,105	83,376	83,650	83,943	84,254	84,535	84,756	85,010	85,262	85,554	85,806	86,009	86,258
Civilian labor force	64,686	64,603	64,845	64,887	64,983	65,252	65,773	65,775	65,753	65,792	66,041	66,133	66,275
Percent of population	77.8	77.5	77.5	77.3	77.1	77.2	77.6	77.4	77.1	76.9	77.0	76.9	76.8
Employed	61,129	60,661	60,726	60,713	60,734	60,696	61,058	61,109	61,195	61,464	61,756	61,925	62,310
Employment-population ratio ²	73.6	72.8	72.6	72.3	72.1	71.8	72.0	71.9	71.8	71.8	72.0	72.0	72.2
Agriculture	2,316	2,305	2,373	2,389	2,352	2,328	2,365	2,379	2,341	2,295	2,246	2,231	2,286
Nonagricultural industries	58,814	58,357	58,354	58,324	58,382	58,368	58,693	58,731	58,854	59,170	59,510	59,695	60,025
Unemployed	3,557	3,942	4,119	4,174	4,249	4,556	4,715	4,666	4,558	4,328	4,285	4,208	3,965
Unemployment rate	5.5	6.1	6.4	6.4	6.5	7.0	7.2	7.1	6.9	6.6	6.5	6.4	6.0
Not in labor force	18,419	18,773	18,805	19,056	19,271	19,283	18,983	19,235	19,509	19,762	19,765	19,876	19,983
Women, 16 years and over													
Civilian noninstitutional population ¹	98,711	98,905	99,106	99,316	99,528	99,723	99,917	100,135	100,367	100,582	100,807	101,045	101,285
Civilian labor force	56,510	56,699	56,969	56,820	57,101	57,532	57,787	57,988	57,896	57,984	58,257	58,462	58,926
Percent of population	57.2	57.3	57.5	57.2	57.4	57.7	57.8	57.9	57.7	57.6	57.8	57.9	58.2
Employed	53,261	53,197	53,365	53,272	53,306	53,644	53,765	53,868	53,909	54,087	54,402	54,747	55,187
Employment-population ratio ²	54.0	53.8	53.8	53.6	53.6	53.8	53.8	53.8	53.7	53.8	54.0	54.2	54.5
Agriculture	671	673	671	686	690	703	693	655	646	635	623	648	638
Nonagricultural industries	52,590	52,524	52,694	52,586	52,616	52,941	53,073	53,214	53,263	53,452	53,779	54,100	54,549
Unemployed	3,249	3,502	3,604	3,548	3,795	3,888	4,022	4,119	3,987	3,897	3,854	3,715	3,739
Unemployment rate	5.7	6.2	6.3	6.2	6.6	6.8	7.0	7.1	6.9	6.7	6.6	6.4	6.3
Not in labor force	42,201	42,206	42,137	42,496	42,427	42,191	42,130	42,147	42,471	42,598	42,550	42,583	42,359
Women, 20 years and over													
Civilian noninstitutional population ¹	91,954	92,203	92,453	92,724	92,955	93,196	93,405	93,633	93,860	94,081	94,264	94,497	94,710
Civilian labor force	53,114	53,263	53,590	53,620	53,804	54,301	54,578	54,778	54,727	54,772	54,987	55,200	55,622
Percent of population	57.8	57.8	58.0	57.8	57.9	58.3	58.4	58.5	58.3	58.2	58.3	58.4	58.7
Employed	50,396	50,347	50,553	50,647	50,606	50,985	51,168	51,266	51,315	51,468	51,728	52,019	52,432
Employment-population ratio ²	54.8	54.6	54.7	54.6	54.4	54.8	54.8	54.8	54.7	54.7	54.9	55.0	55.4
Agriculture	632	640	628	646	658	659	649	606	601	595	592	609	599
Nonagricultural industries	49,764	49,707	49,925	50,001	49,947	50,326	50,519	50,660	50,714	50,873	51,136	51,410	51,833
Unemployed	2,718	2,916	3,037	2,973	3,199	3,316	3,410	3,512	3,412	3,304	3,259	3,181	3,190
Unemployment rate	5.1	5.5	5.7	5.5	5.9	6.1	6.2	6.4	6.2	6.0	5.9	5.8	5.7
Not in labor force	38,840	38,940	38,863	39,104	39,151	38,895	38,827	38,855	39,133	39,309	39,277	39,297	39,088
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	13,637	13,532	13,420	13,312	13,239	13,157	13,149	13,144	13,196	13,160	13,218	13,293	13,347
Civilian labor force	7,173	7,158	6,989	6,712	6,792	6,747	6,723	6,781	6,749	6,791	6,862	6,848	6,816
Percent of population	52.6	52.9	52.1	50.4	51.3	51.3	51.1	51.6	51.1	51.6	51.9	51.5	51.1
Employed	5,972	5,868	5,699	5,435	5,487	5,420	5,341	5,386	5,441	5,462	5,500	5,599	5,569
Employment-population ratio ²	43.8	43.4	42.5	40.8	41.4	41.2	40.6	41.0	41.2	41.5	41.6	42.1	41.7
Agriculture	253	233	246	233	198	200	206	237	252	243	220	208	192
Nonagricultural industries	5,719	5,635	5,453	5,202	5,289	5,220	5,135	5,149	5,189	5,219	5,280	5,391	5,376
Unemployed	1,201	1,290	1,290	1,277	1,305	1,327	1,382	1,395	1,309	1,329	1,362	1,249	1,248
Unemployment rate	16.7	18.0	18.5	19.0	19.2	19.7	20.6	20.6	19.4	19.6	19.8	18.2	18.3
Not in labor force	6,464	6,374	6,431	6,600	6,447	6,410	6,426	6,363	6,447	6,369	6,356	6,445	6,531

¹ The population figures are not adjusted for seasonal variation.

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

NOTE: Seasonally adjusted data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1990	1991				1992				1993			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
WHITE													
Civilian noninstitutional population ¹	160,830	161,095	161,357	161,646	161,947	162,223	162,486	162,788	163,135	163,438	163,751	164,078	164,415
Civilian labor force	107,258	107,298	107,609	107,399	107,893	108,149	108,565	108,706	108,689	108,816	109,133	109,510	109,943
Percent of population	66.7	66.6	66.7	66.4	66.5	66.7	66.8	66.8	66.6	66.6	66.6	66.7	66.9
Employed	101,737	101,075	101,157	100,919	101,000	101,185	101,450	101,515	101,761	102,119	102,508	103,036	103,581
Employment-population ratio ²	83.3	62.7	62.7	62.4	62.4	62.4	62.4	62.4	62.5	62.6	62.8	63.0	63.0
Unemployed	5,521	6,223	6,452	6,480	6,692	6,964	7,116	7,191	6,927	6,697	6,625	6,474	6,362
Unemployment rate	5.1	5.8	6.0	6.0	6.2	6.4	6.6	6.6	6.4	6.2	6.1	5.9	5.8
Men, 20 years and over													
Civilian labor force	56,163	56,076	56,268	56,308	56,335	56,540	56,900	56,912	56,895	56,960	57,059	57,143	57,264
Percent of population	78.2	77.9	77.9	77.8	77.6	77.7	78.0	77.8	77.6	77.5	77.5	77.4	77.4
Employed	53,483	52,976	53,054	52,995	52,986	53,003	53,247	53,320	53,400	53,625	53,798	53,925	54,235
Employment-population ratio ²	74.5	73.6	73.5	73.2	73.0	72.8	73.0	72.9	72.8	73.0	73.1	73.1	73.3
Unemployed	2,680	3,100	3,214	3,313	3,349	3,537	3,653	3,592	3,495	3,335	3,261	3,218	3,029
Unemployment rate	4.8	5.5	5.7	5.9	5.9	6.3	6.4	6.3	6.1	5.9	5.7	5.6	5.3
Women, 20 years and over													
Civilian labor force	44,930	45,072	45,321	45,282	45,477	45,832	45,950	46,041	46,063	46,083	46,264	46,525	46,783
Percent of population	57.5	57.6	57.8	57.6	57.7	58.1	58.1	58.1	58.1	58.0	58.1	58.4	58.6
Employed	42,969	42,911	43,074	43,074	43,133	43,399	43,492	43,445	43,565	43,673	43,863	44,188	44,390
Employment-population ratio ²	55.0	54.8	54.9	54.8	54.8	55.0	55.0	54.9	54.9	55.0	55.1	55.4	55.6
Unemployed	1,962	2,161	2,247	2,208	2,344	2,433	2,458	2,597	2,498	2,409	2,400	2,338	2,394
Unemployment rate	4.4	4.8	5.0	4.9	5.2	5.3	5.3	5.6	5.4	5.2	5.2	5.0	5.1
Both sexes, 16 to 19 years													
Civilian labor force	6,165	6,150	6,020	5,809	5,881	5,776	5,715	5,753	5,731	5,773	5,810	5,842	5,895
Percent of population	56.4	56.8	56.2	54.6	55.5	54.8	54.5	54.9	54.5	54.8	55.0	55.1	55.4
Employed	5,285	5,189	5,028	4,850	4,881	4,782	4,711	4,750	4,796	4,820	4,846	4,924	4,956
Employment-population ratio ²	48.3	47.9	46.9	45.6	46.1	45.3	44.9	45.3	45.6	45.8	45.9	46.5	48.6
Unemployed	880	962	992	959	1,000	994	1,005	1,002	935	953	963	918	940
Unemployment rate	14.3	15.6	16.5	16.5	17.0	17.2	17.6	17.4	16.3	16.5	16.6	15.7	15.9
Men	15.5	16.8	17.9	17.6	17.8	18.9	18.9	18.9	16.9	17.6	18.1	17.4	17.5
Women	13.0	14.3	15.0	15.3	16.1	15.4	16.1	15.8	15.6	15.3	15.0	13.9	14.3
BLACK													
Civilian noninstitutional population ¹	21,416	21,493	21,568	21,656	21,744	21,828	21,909	21,997	22,096	22,186	22,281	22,376	22,474
Civilian labor force	13,537	13,541	13,546	13,536	13,548	13,737	13,873	14,017	13,931	13,898	13,911	13,947	14,004
Percent of population	63.2	63.0	62.8	62.5	62.3	62.9	63.3	63.7	63.0	62.6	62.4	62.3	62.3
Employed	11,877	11,901	11,852	11,886	11,813	11,834	11,894	12,034	11,963	12,004	12,060	12,187	12,329
Employment-population ratio ²	55.5	55.4	55.0	54.9	54.3	54.2	54.3	54.7	54.1	54.1	54.1	54.5	54.9
Unemployed	1,659	1,641	1,693	1,650	1,735	1,903	1,979	1,983	1,968	1,894	1,851	1,760	1,676
Unemployment rate	12.3	12.1	12.5	12.2	12.8	13.9	14.3	14.1	14.1	13.6	13.3	12.6	12.0
Men, 20 years and over													
Civilian labor force	6,351	6,373	6,342	6,359	6,382	6,434	6,475	6,494	6,485	6,503	6,465	6,523	6,493
Percent of population	74.2	74.0	73.4	73.1	72.9	73.2	73.3	73.2	72.7	72.5	71.7	72.1	71.4
Employed	5,622	5,658	5,580	5,633	5,655	5,565	5,609	5,614	5,619	5,676	5,657	5,741	5,761
Employment-population ratio ²	65.7	65.7	64.6	64.8	64.6	63.3	63.5	63.2	63.0	63.3	62.8	63.4	63.4
Unemployed	729	714	763	726	727	869	866	880	866	826	808	782	733
Unemployment rate	11.5	11.2	12.0	11.4	11.4	13.5	13.4	13.6	13.3	12.7	12.5	12.0	11.3
Women, 20 years and over													
Civilian labor force	6,359	6,380	6,456	6,459	6,438	6,516	6,627	6,720	6,657	6,607	6,651	6,645	6,766
Percent of population	59.3	59.2	59.7	59.5	59.0	59.5	60.2	60.8	60.0	59.3	59.5	59.2	60.1
Employed	5,715	5,741	5,781	5,806	5,699	5,773	5,826	5,945	5,877	5,856	5,943	5,942	6,104
Employment-population ratio ²	53.3	53.3	53.4	53.4	52.2	52.7	53.0	53.8	53.0	52.6	53.2	53.0	54.2
Unemployed	644	639	676	653	739	743	801	775	781	751	708	703	662
Unemployment rate	10.1	10.0	10.5	10.1	11.5	11.4	12.1	11.5	11.7	11.4	10.6	10.6	9.8

See footnotes at end of table.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1990	1991				1992				1993			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	826	789	747	718	728	787	771	803	789	788	795	779	745
Percent of population	38.6	37.3	35.4	34.3	35.0	37.9	37.2	38.8	38.0	37.8	38.1	37.0	35.2
Employed	540	502	492	447	459	498	459	475	467	472	460	504	464
Employment-population ratio ²	25.2	23.7	23.3	21.3	22.1	23.9	22.1	22.9	22.5	22.6	22.0	23.9	21.9
Unemployed	287	287	255	271	289	291	313	328	322	316	335	276	281
Unemployment rate	34.7	36.4	34.1	37.8	36.9	36.9	40.5	40.8	40.8	40.1	42.1	35.4	37.8
Men	34.2	36.7	36.2	37.1	36.0	38.1	44.1	43.5	42.7	41.1	42.1	37.5	39.5
Women	35.3	36.1	31.8	38.5	38.0	35.6	36.8	37.9	38.8	39.0	42.2	33.0	36.0
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	14,474	14,593	14,711	14,829	14,948	15,066	15,184	15,303	15,421	15,542	15,682	15,824	15,966
Civilian labor force	9,554	9,633	9,721	9,834	9,875	10,021	10,105	10,184	10,219	10,270	10,255	10,380	10,595
Percent of population	66.0	66.0	66.1	66.3	66.1	66.5	66.6	66.5	66.3	66.1	65.4	65.6	66.4
Employed	8,712	8,725	8,785	8,827	8,864	8,902	8,959	8,988	9,035	9,110	9,200	9,318	9,458
Employment-population ratio ²	60.2	59.8	59.7	59.5	59.3	59.1	59.0	58.7	58.6	58.6	58.7	58.9	59.2
Unemployed	842	908	937	1,007	1,011	1,119	1,146	1,196	1,184	1,160	1,054	1,061	1,138
Unemployment rate	8.8	9.4	9.6	10.2	10.2	11.2	11.3	11.7	11.6	11.3	10.3	10.2	10.7

¹ The population figures are not adjusted for seasonal variation.

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

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

and Hispanics are included in both the white and black population groups. Seasonally adjusted data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Full- and part- time status, sex, and age	1990	1991				1992				1993			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
EMPLOYED													
Full-time workers	97,621	96,802	96,633	96,528	96,353	96,624	97,105	97,077	97,273	97,718	98,131	98,588	99,304
Men, 16 years and over	57,815	57,179	56,991	56,806	56,770	56,662	57,015	56,859	57,056	57,323	57,444	57,725	58,085
Men, 20 years and over	56,514	55,982	55,899	55,822	55,704	55,592	56,014	55,895	56,006	56,286	56,446	56,684	56,986
Women, 16 years and over	39,826	39,642	39,636	39,630	39,662	40,033	40,062	40,149	40,283	40,444	40,657	40,835	41,252
Women, 20 years and over	38,934	38,815	38,797	38,892	38,924	39,295	39,372	39,420	39,556	39,732	39,907	40,075	40,492
Both sexes, 16 to 19 years	2,173	2,005	1,937	1,815	1,725	1,737	1,719	1,763	1,711	1,701	1,777	1,829	1,826
Part-time workers	19,883	20,079	20,314	20,379	20,423	20,429	20,435	20,794	20,625	20,628	20,823	21,011	21,006
Men, 16 years and over	6,435	6,515	6,584	6,736	6,782	6,820	6,737	7,051	7,015	6,976	7,080	7,080	7,087
Men, 20 years and over	4,605	4,699	4,815	4,920	5,013	5,104	5,029	5,260	5,174	5,177	5,295	5,267	5,314
Women, 16 years and over	13,448	13,551	13,717	13,654	13,654	13,608	13,683	13,730	13,631	13,653	13,723	13,916	13,947
Women, 20 years and over	11,481	11,537	11,752	11,735	11,695	11,702	11,798	11,813	11,771	11,761	11,822	11,903	11,955
Both sexes, 16 to 19 years	3,797	3,843	3,747	3,725	3,715	3,623	3,608	3,721	3,680	3,690	3,706	3,841	3,737
UNEMPLOYED													
Looking for full-time work	6,141	6,702	6,913	6,952	7,212	7,624	7,859	7,904	7,610	7,337	7,271	7,101	6,837
Men, 16 years and over	3,682	4,112	4,201	4,229	4,325	4,793	4,786	4,679	4,555	4,479	4,342	4,255	4,045
Men, 20 years and over	3,325	3,709	3,855	3,904	3,966	4,291	4,436	4,385	4,261	4,064	4,002	3,938	3,700
Women, 16 years and over	2,480	2,642	2,689	2,691	2,861	2,957	3,035	3,194	3,003	2,929	2,906	2,846	2,794
Women, 20 years and over	2,228	2,363	2,454	2,418	2,628	2,728	2,764	2,898	2,778	2,682	2,649	2,590	2,567
Both sexes, 16 to 19 years	588	631	604	630	619	605	659	621	572	591	620	574	570
Looking for part-time work	1,325	1,443	1,522	1,490	1,534	1,576	1,631	1,683	1,671	1,627	1,621	1,542	1,559
Men, 16 years and over	554	596	613	605	611	663	659	705	697	666	686	644	625
Men, 20 years and over	222	239	256	277	273	271	267	290	290	269	274	273	261
Women, 16 years and over	773	845	898	886	926	920	959	980	973	962	926	896	947
Women, 20 years and over	491	552	578	561	574	586	638	620	645	620	601	599	623
Both sexes, 16 to 19 years	613	652	688	652	686	718	726	773	736	737	746	670	675

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

they are seeking full- or part-time jobs. Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Category	1990	1991				1992				1993			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
CHARACTERISTIC													
Total	117,498	116,876	116,978	116,795	116,827	117,101	117,567	117,761	117,951	118,394	118,984	119,543	120,311
Married men, spouse present	40,745	40,459	40,346	40,501	40,389	40,072	40,290	40,313	40,536	40,792	40,983	40,832	40,870
Married women, spouse present	29,764	29,631	29,729	29,890	29,846	29,910	30,175	30,244	30,219	30,428	30,309	30,456	30,855
Women who maintain families	6,366	6,427	6,416	6,475	6,511	6,576	6,555	6,585	6,615	6,671	6,833	6,826	6,727
OCCUPATION													
Managerial and professional specialty	30,711	30,826	30,924	30,977	31,321	30,974	31,040	31,132	31,461	31,963	31,979	32,461	32,713
Technical, sales, and administrative support	36,465	36,228	36,157	36,013	35,978	36,789	36,942	36,838	36,683	36,524	36,711	36,968	37,061
Service occupations	15,873	15,822	15,917	16,102	16,100	16,080	16,038	16,157	16,115	16,400	16,523	16,494	16,674
Precision production, craft, and repair	13,434	13,424	13,217	13,009	12,985	12,956	13,072	13,234	13,219	13,004	13,281	13,498	13,491
Operators, fabricators, and laborers	17,653	17,174	17,153	17,286	17,064	16,920	16,949	16,982	16,977	17,153	17,048	16,906	17,054
Farming, forestry, and fishing	3,384	3,439	3,500	3,474	3,404	3,423	3,403	3,488	3,503	3,374	3,319	3,289	3,334
INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,686	1,617	1,698	1,699	1,653	1,681	1,718	1,706	1,668	1,620	1,612	1,620	1,700
Self-employed workers	1,403	1,419	1,440	1,459	1,449	1,416	1,389	1,403	1,388	1,382	1,345	1,318	1,285
Unpaid family workers	107	139	111	116	114	96	112	110	130	127	107	98	93
Nonagricultural industries:													
Wage and salary workers	105,160	104,660	104,518	104,464	104,444	105,102	105,547	105,678	105,829	106,172	106,624	107,253	107,983
Government	17,665	17,826	17,966	17,859	17,947	17,782	17,932	18,374	18,259	18,485	18,551	18,490	18,491
Private industries	87,495	86,834	86,553	86,605	86,497	87,321	87,615	87,304	87,571	87,687	88,073	88,763	89,492
Private households	1,013	981	974	1,028	983	1,078	1,114	1,159	1,104	1,095	1,087	1,111	1,129
Other industries	86,481	85,853	85,578	85,577	85,514	86,243	86,501	86,145	86,466	86,592	86,986	87,652	88,364
Self-employed workers	8,832	8,861	8,970	8,877	8,888	8,620	8,528	8,648	8,683	8,896	9,084	9,023	9,008
Unpaid family workers	243	229	230	213	231	228	251	235	212	224	193	233	223
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	5,485	5,828	5,948	6,081	6,359	6,527	6,300	6,273	6,447	6,322	6,443	6,438	6,182
Slack work	2,827	3,128	3,199	3,176	3,314	3,258	3,231	3,205	3,172	3,101	3,236	3,156	3,069
Could only find part-time work	2,330	2,325	2,480	2,604	2,723	2,930	2,793	2,795	2,978	2,905	2,931	2,953	2,837
Voluntary part time	15,045	15,037	15,119	14,991	14,896	14,624	14,827	14,908	14,816	14,843	15,006	15,173	15,288
Nonagricultural industries:													
Part time for economic reasons	5,225	5,533	5,684	5,793	6,099	6,235	6,020	6,027	6,187	6,081	6,200	6,201	5,932
Slack work	2,647	2,933	3,004	2,988	3,132	3,073	3,018	3,049	2,996	2,938	3,066	2,992	2,918
Could only find part-time work	2,258	2,255	2,398	2,518	2,649	2,850	2,719	2,721	2,903	2,842	2,846	2,889	2,744
Voluntary part time	14,629	14,623	14,694	14,531	14,423	14,173	14,421	14,465	14,392	14,408	14,599	14,759	14,852

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

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Sex and age	1990	1991				1992				1993			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Total, 16 years and over	117,498	116,876	116,978	116,795	116,827	117,101	117,567	117,761	117,951	118,394	118,984	119,543	120,311
16 to 24 years	18,482	18,259	17,918	17,601	17,648	17,563	17,491	17,561	17,595	17,629	17,669	17,706	17,673
16 to 19 years	5,972	5,868	5,699	5,435	5,467	5,420	5,341	5,386	5,441	5,462	5,500	5,599	5,569
16 to 17 years	2,211	2,215	2,151	2,044	2,091	2,037	2,037	2,074	2,050	2,079	2,111	2,177	2,199
18 to 19 years	3,758	3,656	3,545	3,407	3,404	3,392	3,294	3,322	3,386	3,372	3,384	3,416	3,377
20 to 24 years	12,510	12,391	12,219	12,166	12,161	12,143	12,150	12,175	12,155	12,167	12,169	12,107	12,105
25 years and over	99,010	98,636	99,041	99,205	99,178	99,547	100,062	100,200	100,364	100,770	101,301	101,838	102,650
25 to 54 years	84,149	83,940	84,341	84,530	84,635	84,789	85,322	85,541	85,734	86,093	86,556	87,142	87,881
55 years and over	14,879	14,692	14,669	14,684	14,572	14,761	14,701	14,653	14,666	14,702	14,698	14,878	14,806
Men, 16 years and over	64,236	63,679	63,613	63,523	63,521	63,457	63,802	63,893	64,042	64,307	64,582	64,796	65,125
16 to 24 years	9,648	9,494	9,318	9,212	9,160	9,047	9,082	9,183	9,242	9,243	9,157	9,209	9,172
16 to 19 years	3,107	3,017	2,887	2,810	2,787	2,761	2,744	2,784	2,847	2,843	2,826	2,871	2,814
16 to 17 years	1,161	1,151	1,106	1,053	1,056	1,028	1,037	1,068	1,076	1,085	1,087	1,121	1,130
18 to 19 years	1,944	1,866	1,777	1,766	1,738	1,746	1,700	1,718	1,769	1,751	1,736	1,739	1,692
20 to 24 years	6,541	6,477	6,431	6,402	6,373	6,286	6,338	6,399	6,395	6,400	6,331	6,338	6,357
25 years and over	54,592	54,192	54,280	54,317	54,365	54,411	54,705	54,715	54,806	55,067	55,410	55,595	55,961
25 to 54 years	46,082	45,868	45,912	46,029	46,101	46,041	46,305	46,451	46,553	46,781	47,113	47,358	47,716
55 years and over	8,519	8,342	8,339	8,292	8,282	8,382	8,372	8,262	8,277	8,320	8,268	8,225	8,271
Women, 16 years and over	53,281	53,197	53,365	53,272	53,306	53,644	53,765	53,868	53,909	54,087	54,402	54,747	55,187
16 to 24 years	8,834	8,765	8,600	8,388	8,489	8,516	8,409	8,378	8,353	8,386	8,512	8,498	8,502
16 to 19 years	2,865	2,850	2,812	2,625	2,700	2,659	2,597	2,603	2,594	2,619	2,674	2,728	2,754
16 to 17 years	1,049	1,064	1,044	991	1,035	1,009	1,000	1,007	974	994	1,025	1,056	1,068
18 to 19 years	1,814	1,789	1,767	1,642	1,666	1,646	1,594	1,604	1,617	1,621	1,648	1,677	1,685
20 to 24 years	5,969	5,915	5,788	5,763	5,788	5,857	5,812	5,776	5,759	5,767	5,838	5,769	5,747
25 years and over	44,418	44,443	44,761	44,888	44,813	45,136	45,357	45,486	45,557	45,703	45,892	46,242	46,690
25 to 54 years	38,067	38,072	38,429	38,500	38,534	38,748	39,016	39,090	39,181	39,333	39,443	39,784	40,166
55 years and over	6,361	6,350	6,330	6,382	6,291	6,379	6,330	6,391	6,390	6,382	6,430	6,452	6,537

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

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

(In thousands)

Sex and age	1990	1991				1992				1993			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Total, 16 years and over	7,476	6,148	8,446	8,424	8,752	9,200	9,507	9,573	9,279	8,961	8,906	8,638	8,402
16 to 24 years	2,479	2,685	2,749	2,773	2,870	2,859	2,919	2,977	2,833	2,828	2,827	2,651	2,555
16 to 19 years	1,201	1,290	1,290	1,277	1,305	1,327	1,382	1,395	1,309	1,329	1,362	1,249	1,246
16 to 17 years	521	534	544	573	593	580	642	630	599	623	605	539	553
18 to 19 years	682	748	756	701	717	738	751	758	714	697	767	702	700
20 to 24 years	1,278	1,395	1,459	1,495	1,565	1,532	1,537	1,582	1,524	1,499	1,485	1,401	1,307
25 years and over	4,977	5,471	5,695	5,851	5,864	6,352	6,588	6,600	6,431	6,145	6,073	5,987	5,838
25 to 54 years	4,484	4,888	5,058	5,064	5,281	5,863	5,784	5,823	5,745	5,465	5,397	5,313	5,200
55 years and over	538	583	612	590	614	684	767	786	717	670	648	678	668
Men, 16 years and over	4,227	4,645	4,842	4,877	4,958	5,312	5,485	5,454	5,292	5,064	5,052	4,923	4,663
16 to 24 years	1,388	1,523	1,556	1,583	1,582	1,659	1,659	1,655	1,608	1,578	1,605	1,522	1,434
16 to 19 years	671	704	723	703	709	758	770	788	733	736	767	715	698
16 to 17 years	289	305	288	309	304	324	358	350	332	347	350	307	304
18 to 19 years	380	395	442	391	404	428	423	432	402	384	427	402	394
20 to 24 years	717	819	833	880	873	903	889	867	875	842	838	806	736
25 years and over	2,830	3,137	3,284	3,283	3,368	3,671	3,820	3,792	3,678	3,501	3,437	3,397	3,226
25 to 54 years	2,500	2,769	2,878	2,905	3,018	3,234	3,313	3,332	3,252	3,090	3,028	2,966	2,830
55 years and over	349	368	389	379	370	435	486	486	441	409	394	432	406
Women, 16 years and over	3,249	3,502	3,604	3,548	3,795	3,888	4,022	4,119	3,987	3,897	3,854	3,715	3,739
16 to 24 years	1,091	1,162	1,194	1,190	1,288	1,201	1,260	1,321	1,225	1,250	1,222	1,129	1,121
16 to 19 years	531	586	567	575	596	572	612	607	575	593	595	534	549
16 to 17 years	232	229	256	264	288	258	284	280	268	278	255	232	249
18 to 19 years	302	353	314	310	313	311	328	326	312	312	340	300	306
20 to 24 years	561	575	626	615	692	629	649	714	649	658	627	595	571
25 years and over	2,147	2,334	2,411	2,368	2,496	2,681	2,766	2,808	2,753	2,644	2,635	2,589	2,612
25 to 54 years	1,964	2,119	2,180	2,159	2,263	2,429	2,471	2,491	2,493	2,375	2,369	2,347	2,370
55 years and over	189	216	222	211	244	248	281	319	277	282	254	246	262

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

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

(Civilian workers)

Sex and age	1990	1991				1992				1993			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Total, 16 years and over	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0	6.7	6.5
16 to 24 years	11.8	12.8	13.3	13.6	14.0	14.0	14.3	14.5	13.9	13.8	13.8	13.0	12.6
16 to 19 years	16.7	18.0	18.5	19.0	19.2	19.7	20.6	20.6	19.4	19.6	19.8	18.2	18.3
16 to 17 years	19.1	19.4	20.2	21.9	22.1	22.2	24.0	23.3	22.6	23.1	22.3	19.8	20.1
18 to 19 years	15.4	17.0	17.6	17.1	17.4	17.9	18.6	18.6	17.4	17.1	18.5	17.1	17.2
20 to 24 years	9.3	10.1	10.7	10.9	11.4	11.2	11.2	11.5	11.1	11.0	10.7	10.4	9.7
25 years and over	4.8	5.3	5.4	5.4	5.6	6.0	6.2	6.2	6.0	5.7	5.7	5.6	5.4
25 to 54 years	5.0	5.5	5.7	5.7	5.9	6.3	6.3	6.4	6.3	6.0	5.9	5.7	5.6
55 years and over	3.5	3.8	4.0	3.9	4.0	4.4	5.0	5.1	4.7	4.4	4.2	4.4	4.3
Men, 16 years and over	6.2	6.8	7.1	7.1	7.2	7.7	7.9	7.9	7.6	7.3	7.3	7.1	6.7
16 to 24 years	12.6	13.8	14.3	14.7	14.7	15.5	15.4	15.3	14.8	14.6	14.9	14.2	13.5
16 to 19 years	17.8	18.9	20.0	20.0	20.3	21.5	21.9	22.1	20.5	20.6	21.3	19.9	19.9
16 to 17 years	19.9	20.9	20.7	22.7	22.4	23.9	25.7	24.7	23.6	24.2	24.4	21.5	21.2
18 to 19 years	16.3	17.5	19.9	18.1	18.9	19.7	19.9	20.1	18.5	18.0	19.7	18.8	18.9
20 to 24 years	9.9	11.2	11.5	12.1	12.0	12.6	12.3	11.9	12.0	11.6	11.7	11.3	10.4
25 years and over	4.9	5.5	5.7	5.7	5.8	6.3	6.5	6.5	6.3	6.0	5.8	5.8	5.5
25 to 54 years	5.1	5.7	5.9	5.9	6.1	6.6	6.7	6.7	6.5	6.2	6.0	5.9	5.6
55 years and over	3.9	4.2	4.5	4.4	4.3	4.9	5.5	5.3	5.1	4.7	4.5	5.0	4.7
Women, 16 years and over	5.7	6.2	6.3	6.2	6.6	6.8	7.0	7.1	6.9	6.7	6.6	6.4	6.3
16 to 24 years	11.0	11.7	12.2	12.4	13.2	12.4	13.0	13.6	12.8	13.0	12.6	11.7	11.6
16 to 19 years	15.6	17.1	16.8	18.0	18.1	17.7	19.1	18.9	18.2	18.5	18.2	16.4	16.6
16 to 17 years	18.1	17.7	19.7	21.1	21.8	20.2	22.1	21.8	21.6	21.7	19.9	18.0	18.9
18 to 19 years	14.3	16.5	15.1	15.9	15.8	15.9	17.1	16.9	16.2	16.2	17.1	15.2	15.4
20 to 24 years	8.6	8.9	9.8	9.6	10.7	9.7	10.0	11.0	10.1	10.2	9.7	9.3	9.0
25 years and over	4.6	5.0	5.1	5.0	5.3	5.6	5.7	5.8	5.7	5.5	5.4	5.3	5.3
25 to 54 years	4.9	5.3	5.4	5.3	5.5	5.9	6.0	6.0	6.0	5.7	5.7	5.6	5.6
55 years and over	2.9	3.3	3.4	3.2	3.7	3.7	4.3	4.8	4.2	3.9	3.8	3.7	3.9

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-50. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1990	1991				1992				1993			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
CHARACTERISTIC													
Total (all civilian workers)	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0	6.7	6.5
Men, 20 years and over	5.5	6.1	6.4	6.4	6.5	7.0	7.2	7.1	6.9	6.6	6.5	6.4	6.0
Women, 20 years and over	5.1	5.5	5.7	5.5	5.9	6.1	6.2	6.4	6.2	6.0	5.9	5.8	5.7
Both sexes, 16 to 19 years	16.7	18.0	18.5	19.0	19.2	19.7	20.6	20.6	19.4	19.6	19.8	18.2	18.3
White	5.1	5.8	6.0	6.0	6.2	6.4	6.6	6.6	6.4	6.2	6.1	5.9	5.8
Black and other	11.0	10.9	11.1	10.9	11.5	12.4	12.8	12.7	12.7	12.3	12.1	11.5	11.0
Black	12.3	12.1	12.5	12.2	12.8	13.9	14.3	14.1	14.1	13.6	13.3	12.6	12.0
Hispanic origin	8.8	9.4	9.6	10.2	10.2	11.2	11.3	11.7	11.6	11.3	10.3	10.2	10.7
Married men, spouse present	3.8	4.3	4.4	4.3	4.5	4.9	5.0	5.2	4.9	4.6	4.5	4.4	4.1
Married women, spouse present	4.1	4.4	4.5	4.4	4.7	4.9	5.1	5.1	5.0	4.6	4.7	4.6	4.5
Women who maintain families	8.7	9.1	9.2	9.0	9.3	9.4	10.0	10.1	10.0	9.8	9.7	9.2	9.5
Full-time workers	5.7	6.3	6.4	6.5	6.7	7.0	7.2	7.2	7.0	6.7	6.6	6.5	6.2
Part-time workers	7.4	8.0	8.4	8.3	8.6	8.9	9.2	9.3	9.3	9.1	9.0	8.5	8.5
Unemployed 15 weeks and over ¹	1.4	1.6	1.8	1.9	2.1	2.5	2.7	2.7	2.7	2.5	2.4	2.4	2.3
Labor force time lost ²	6.8	7.4	7.6	7.6	7.9	8.3	8.3	8.3	8.2	7.9	7.8	7.7	7.3
OCCUPATION³													
Managerial and professional specialty	2.3	2.6	2.8	2.9	2.9	3.0	3.1	3.3	3.2	3.3	3.0	2.7	2.9
Technical, sales, and administrative support	4.6	4.9	5.2	5.0	5.3	5.7	5.8	5.9	5.8	5.4	5.5	5.3	5.2
Precision production, craft, and repair	7.0	7.4	7.8	8.3	8.3	9.3	8.7	8.6	8.6	8.1	8.3	7.9	7.3
Operators, fabricators, and laborers	9.6	10.7	10.7	10.2	10.4	11.2	11.2	11.1	10.6	10.1	9.9	10.2	9.4
Farming, forestry, and fishing	6.2	7.9	7.3	7.6	7.8	7.6	8.0	8.6	8.4	8.5	8.0	7.8	8.2
INDUSTRY													
Nonagricultural private wage and salary workers	6.2	6.8	7.0	7.0	7.3	7.6	7.7	7.8	7.6	7.3	7.2	7.0	6.8
Goods-producing industries	7.9	8.8	9.1	8.8	9.2	9.6	9.8	9.8	9.5	8.9	9.0	9.0	8.1
Mining	5.4	6.5	7.6	8.4	9.1	7.7	8.1	8.8	6.9	6.8	8.5	6.9	6.9
Construction	13.6	14.7	15.0	15.5	16.5	17.5	16.8	16.5	15.5	14.8	15.0	14.9	12.9
Manufacturing	6.4	7.2	7.5	6.9	7.2	7.5	7.8	7.9	7.9	7.3	7.2	7.3	6.7
Durable goods	6.5	7.8	7.9	7.1	7.1	7.6	7.8	8.2	8.3	7.2	7.2	7.2	6.6
Nondurable goods	6.1	6.5	6.9	6.7	7.3	7.3	7.8	7.6	7.3	7.5	7.2	7.5	6.9
Service-producing industries	5.5	5.9	6.2	6.2	6.4	6.8	6.9	7.0	6.8	6.6	6.5	6.2	6.2
Transportation and public utilities	4.1	5.0	5.4	5.1	5.6	5.5	5.2	5.5	5.7	4.9	5.0	5.2	5.3
Wholesale and retail trade	6.9	7.4	7.4	7.7	7.8	8.4	8.4	8.7	8.0	7.9	8.0	7.5	7.7
Finance and service industries	4.8	5.0	5.4	5.4	5.7	6.0	6.2	6.0	6.3	6.0	5.7	5.5	5.5
Government workers	2.8	3.2	3.1	3.2	3.5	3.7	3.5	3.4	3.5	3.6	3.3	3.2	3.1
Agricultural wage and salary workers	10.0	12.3	11.4	11.2	11.7	11.0	12.7	13.2	12.7	12.2	11.5	11.3	11.1

¹ Unemployment as a percent of the civilian labor force.

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

³ Seasonally adjusted data for service occupations are not available

because the seasonal components are small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Weeks of unemployment	1990	1991				1992				1993			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
DURATION													
Less than 5 weeks	3,294	3,450	3,393	3,350	3,340	3,252	3,335	3,337	3,139	3,214	3,261	3,107	3,055
5 to 14 weeks	2,425	2,714	2,783	2,676	2,717	2,799	2,735	2,787	2,693	2,558	2,607	2,536	2,380
15 weeks and over	1,721	1,993	2,312	2,380	2,679	3,142	3,382	3,500	3,438	3,192	3,019	3,018	2,955
15 to 26 weeks	948	1,087	1,259	1,235	1,366	1,446	1,414	1,424	1,440	1,310	1,279	1,271	1,217
27 weeks and over	773	906	1,052	1,145	1,313	1,696	1,968	2,077	1,997	1,882	1,740	1,747	1,738
Average (mean) duration, in weeks	12.4	12.8	13.5	14.1	14.9	16.7	18.0	18.3	18.7	18.1	17.8	18.2	18.5
Median duration, in weeks	5.9	6.3	6.8	7.1	7.6	8.2	8.8	8.9	9.2	8.5	8.4	8.5	8.3
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	44.3	42.3	40.0	39.9	38.2	35.4	35.3	34.7	33.9	35.9	36.7	35.9	36.4
5 to 14 weeks	32.6	33.3	32.8	31.8	31.1	30.5	28.9	29.0	29.1	28.5	29.3	29.3	28.4
15 weeks and over	23.1	24.4	27.2	28.3	30.7	34.2	35.8	36.4	37.1	35.6	34.0	34.8	35.2
15 to 26 weeks	12.7	13.3	14.8	14.7	15.6	15.7	15.0	14.8	15.5	14.6	14.4	14.7	14.5
27 weeks and over	10.4	11.1	12.4	13.6	15.0	18.5	20.8	21.6	21.5	21.0	19.6	20.2	20.7

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

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

(Numbers in thousands)

Reasons for unemployment	1990	1991				1992				1993			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
NUMBER OF UNEMPLOYED													
Job losers	3,784	4,428	4,588	4,639	4,814	5,203	5,425	5,350	5,211	4,863	4,820	4,812	4,555
On layoff	1,132	1,355	1,332	1,173	1,205	1,267	1,253	1,268	1,190	1,083	1,114	1,162	1,080
Other job losers	2,652	3,073	3,256	3,466	3,809	3,936	4,172	4,082	4,021	3,780	3,705	3,650	3,475
Job leavers	1,004	993	1,011	953	962	936	999	1,019	947	972	963	908	950
Reentrants	2,010	2,020	2,116	2,066	2,155	2,214	2,182	2,284	2,232	2,212	2,208	2,091	2,062
New entrants	673	691	743	772	807	824	904	954	879	924	901	849	823
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	50.7	54.4	54.2	55.0	55.1	56.7	57.1	55.7	56.2	54.2	54.2	55.6	54.3
On layoff	15.2	16.7	15.8	13.9	13.8	13.8	13.2	13.2	12.8	12.1	12.5	13.4	12.9
Other job losers	35.5	37.8	38.5	41.1	41.3	42.9	43.9	42.5	43.4	42.1	41.7	42.2	41.4
Job leavers	13.4	12.2	12.0	11.3	11.0	10.2	10.5	10.6	10.2	10.8	10.8	10.5	11.3
Reentrants	26.9	24.8	25.0	24.5	24.7	24.1	22.9	23.8	24.1	24.7	24.8	24.1	24.6
New entrants	9.0	8.5	8.8	9.2	9.2	9.0	9.5	9.9	9.5	10.3	10.1	9.8	9.8
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	3.0	3.5	3.7	3.7	3.8	4.1	4.3	4.2	4.1	3.8	3.8	3.8	3.5
Job leavers .....	.8	.8	.8	.8	.8	.7	.8	.8	.7	.8	.8	.7	.7
Reentrants	1.6	1.6	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.7	1.7	1.6	1.6
New entrants .....	.5	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.6

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason, sex, and race	1990	1991				1992				1993			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
TOTAL													
Total not in labor force	63,722	64,089	64,099	64,759	64,870	64,587	64,236	64,452	65,089	65,441	65,398	65,618	65,602
Do not want a job now	58,044	58,331	58,736	58,968	58,851	58,329	58,156	58,271	58,930	59,023	59,222	59,151	59,395
Current activity:													
Going to school	6,720	6,640	6,825	6,970	6,781	6,844	6,611	6,604	6,827	6,785	6,949	6,928	6,935
Ill, disabled	5,073	4,953	4,932	4,984	5,098	5,033	5,018	5,167	5,171	5,367	5,427	5,602	5,627
Keeping house	23,570	23,251	23,358	23,206	22,879	22,110	21,981	21,502	21,233	21,273	21,257	20,645	20,426
Retired	18,560	19,053	19,111	19,402	19,552	19,743	19,977	20,393	20,853	20,848	20,937	21,207	21,483
Other activity	4,122	4,434	4,509	4,407	4,541	4,599	4,570	4,604	4,846	4,750	4,652	4,770	4,924
Want a job now	5,583	5,633	5,571	5,778	5,998	6,041	6,291	6,099	6,258	6,302	6,387	6,473	6,220
Reason not looking:													
School attendance	1,398	1,448	1,358	1,496	1,404	1,535	1,761	1,462	1,586	1,531	1,514	1,712	1,504
Ill health, disability	953	998	906	992	1,020	1,025	1,039	1,084	1,195	1,094	1,168	1,142	1,079
Home responsibilities	1,151	1,168	1,163	1,178	1,329	1,304	1,250	1,180	1,217	1,324	1,328	1,314	1,287
Think cannot get a job	974	981	948	1,040	1,129	1,073	1,111	1,110	1,109	1,124	1,183	1,106	1,126
Job-market factors	611	643	689	691	753	802	774	808	713	781	760	743	716
Personal factors	363	338	259	349	376	271	337	303	396	343	423	364	409
Other reasons ¹	1,087	1,038	1,196	1,071	1,116	1,104	1,131	1,263	1,151	1,230	1,194	1,199	1,224
Men													
Total not in labor force	21,521	21,883	21,963	22,262	22,442	22,396	22,106	22,305	22,618	22,843	22,849	23,035	23,242
Do not want a job now	19,468	19,668	20,068	20,149	20,201	20,045	19,876	20,018	20,378	20,405	20,597	20,646	20,708
Want a job now	1,938	2,114	2,036	2,164	2,190	2,167	2,376	2,286	2,222	2,355	2,409	2,389	2,437
Reason not looking:													
School attendance	643	756	644	726	739	718	869	684	706	733	742	785	802
Ill health, disability	455	531	444	500	508	501	506	546	525	558	552	552	574
Think cannot get a job	400	402	420	461	455	469	532	514	496	527	546	521	516
Other reasons ¹	440	425	528	477	488	479	469	541	495	536	569	532	544
Women													
Total not in labor force	42,201	42,206	42,137	42,496	42,427	42,191	42,130	42,147	42,471	42,598	42,550	42,583	42,359
Do not want a job now	38,577	38,664	38,668	38,819	38,650	38,284	38,280	38,253	38,551	38,618	38,625	38,505	38,687
Want a job now	3,624	3,519	3,535	3,614	3,808	3,874	3,915	3,813	4,036	3,948	3,978	4,084	3,783
Reason not looking:													
School attendance	755	691	714	770	666	817	892	778	880	797	772	927	702
Ill health, disability	498	468	462	492	512	524	532	537	670	536	616	590	505
Home responsibilities	1,151	1,168	1,163	1,178	1,329	1,304	1,250	1,180	1,217	1,324	1,328	1,314	1,287
Think cannot get a job	573	579	528	579	674	604	579	596	613	597	637	585	609
Other reasons	647	613	668	594	628	624	662	722	656	693	625	667	680
White													
Total not in labor force	53,572	53,797	53,748	54,247	54,254	54,074	53,921	54,082	54,446	54,622	54,618	54,568	54,472
Do not want a job now	49,565	49,658	49,986	50,085	49,936	49,548	49,475	49,584	49,922	50,015	50,009	49,943	49,854
Want a job now	3,917	4,097	3,873	4,213	4,328	4,387	4,518	4,521	4,584	4,565	4,634	4,657	4,609
Reason not looking:													
School attendance	897	999	930	1,075	1,000	1,078	1,196	1,033	1,162	1,018	1,023	1,124	1,132
Ill health, disability	729	736	620	767	766	737	766	823	902	795	895	824	782
Home responsibilities	832	880	841	863	924	963	913	886	885	966	945	945	952
Think cannot get a job	619	657	628	705	758	718	771	786	707	774	820	794	749
Other reasons ¹	839	824	855	803	879	890	873	993	908	1,012	951	971	994
Black													
Total not in labor force	7,879	7,952	8,022	8,120	8,196	8,091	8,036	7,980	8,165	8,288	8,370	8,429	8,470
Do not want a job now	6,416	6,686	6,622	6,792	6,788	6,662	6,560	6,605	6,726	6,874	6,969	6,966	7,109
Want a job now	1,420	1,278	1,429	1,354	1,362	1,450	1,471	1,355	1,403	1,428	1,396	1,505	1,318
Reason not looking:													
School attendance	442	338	359	371	349	358	446	353	376	374	392	454	331
Ill health, disability	195	211	258	220	226	253	230	244	248	250	218	286	258
Home responsibilities	283	268	274	260	326	310	294	256	275	313	314	332	276
Think cannot get a job	275	266	295	295	266	334	304	284	303	298	307	263	276
Other reasons ¹	225	196	242	208	195	196	197	218	201	193	166	170	177

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

NOTE: Data have been revised based on the experience through December 1993. See the article in this issue for additional information.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason and sex	Total		Age							
	IV 1992	IV 1993	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
TOTAL										
Total not in labor force	65,374	65,825	6,783	6,852	4,224	4,212	21,335	21,473	33,032	33,288
Do not want a job now	59,349	59,833	5,724	5,780	3,413	3,438	17,981	18,106	32,231	32,509
Current activity:										
Going to school	8,320	8,434	5,188	5,303	2,054	1,972	1,058	1,135	20	23
Ill, disabled	5,170	5,639	19	19	90	133	2,955	3,205	2,106	2,282
Keeping house	21,100	20,282	265	267	903	934	10,456	10,149	9,477	8,931
Retired	20,657	21,289	—	—	—	—	579	552	20,075	20,737
Other activity	4,102	4,189	252	191	364	398	2,933	3,064	552	536
Want a job now	6,025	5,993	1,059	1,072	811	774	3,355	3,367	801	779
Reason for not looking:										
School attendance	1,557	1,462	894	900	340	246	315	310	8	6
Ill health, disability	1,150	1,059	24	22	61	52	858	800	207	185
Home responsibility	1,159	1,223	36	36	208	216	865	902	50	69
Think cannot get a job	1,063	1,075	54	75	108	98	708	661	193	241
Job-market factors	689	690	28	38	63	65	523	463	75	124
Personal factors	374	385	26	37	45	33	186	197	118	118
Other reasons ¹	1,096	1,173	51	38	94	162	608	696	344	277
Men										
Total not in labor force	22,982	23,558	3,304	3,443	1,547	1,582	4,996	5,251	13,135	13,282
Do not want a job now	20,831	21,208	2,748	2,847	1,298	1,303	4,045	4,153	12,741	12,905
Current activity:										
Going to school	4,031	4,216	2,592	2,728	1,037	1,053	395	429	6	6
Ill, disabled	2,678	2,906	16	11	52	72	1,637	1,804	973	1,019
Keeping house	346	336	7	7	27	10	163	169	149	149
Retired	11,677	11,819	—	—	—	—	409	402	11,265	11,417
Other activity	2,099	1,931	133	101	179	167	1,440	1,350	347	313
Want a job now	2,150	2,350	556	596	249	279	951	1,098	394	378
Reason for not looking:										
School attendance	690	773	472	521	134	118	78	131	7	3
Ill health, disability	528	581	13	16	43	30	375	427	97	108
Think cannot get a job	448	466	39	35	39	43	265	278	105	110
Other reasons ¹	483	530	33	24	33	88	233	261	185	157
Women										
Total not in labor force	42,392	42,267	3,479	3,409	2,677	2,630	16,339	16,222	19,897	20,006
Do not want a job now	38,518	38,625	2,977	2,933	2,115	2,135	13,936	13,952	19,490	19,605
Current activity:										
Going to school	4,289	4,219	2,596	2,576	1,017	919	662	706	14	18
Ill, disabled	2,492	2,733	3	8	38	61	1,318	1,402	1,133	1,263
Keeping house	20,754	19,946	257	259	876	924	10,293	9,980	9,328	8,782
Retired	8,979	9,469	—	—	—	—	170	150	8,810	9,320
Other activity	2,003	2,258	120	90	185	231	1,493	1,715	205	222
Want a job now	3,875	3,642	502	476	562	495	2,403	2,270	407	401
Reason for not looking:										
School attendance	867	689	422	380	206	128	237	178	1	3
Ill health, disability	622	478	10	6	18	22	483	373	110	77
Home responsibility	1,158	1,223	36	36	208	216	865	902	50	69
Think cannot get a job	615	609	15	40	69	55	443	382	88	131
Other reasons ¹	613	643	19	14	61	74	375	434	158	120

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason, race, and Hispanic origin	Total		Age						Sex			
	IV 1992	IV 1993	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
WHITE												
Total not in labor force	54,714	54,708	8,216	8,074	17,202	17,175	29,295	29,458	19,020	19,332	35,694	35,375
Do not want a job now	50,310	50,250	6,952	6,819	14,778	14,622	28,580	28,809	17,440	17,556	32,870	32,694
Current activity:												
Going to school	6,370	6,282	5,554	5,402	799	859	17	21	3,095	3,145	3,275	3,137
Ill, disabled	4,044	4,273	80	116	2,252	2,331	1,712	1,825	2,099	2,184	1,945	2,089
Keeping house	18,261	17,516	904	923	8,883	8,562	8,473	8,032	223	263	18,038	17,253
Retired	18,383	18,917	—	—	528	486	17,855	18,431	10,440	10,564	7,943	8,353
Other activity	3,253	3,262	415	378	2,316	2,384	522	500	1,582	1,400	1,671	1,862
Want a job now	4,356	4,400	1,249	1,257	2,422	2,502	685	641	1,570	1,750	2,785	2,650
Reason for not looking:												
School attendance	1,081	1,045	838	821	235	218	8	6	506	589	575	456
Ill health, disability	872	766	51	42	647	575	174	149	399	428	474	338
Home responsibility	837	899	175	155	616	680	46	64	—	—	837	899
Think cannot get a job	710	752	77	104	457	457	175	190	292	325	417	427
Other reasons ¹	856	938	108	134	467	572	281	232	373	408	483	530
BLACK												
Total not in labor force	8,200	8,503	2,141	2,244	3,076	3,195	2,983	3,064	3,094	3,333	5,106	5,170
Do not want a job now	6,807	7,204	1,623	1,735	2,300	2,527	2,884	2,942	2,621	2,848	4,186	4,356
Current activity:												
Going to school	1,337	1,442	1,212	1,293	124	149	1	—	616	704	721	738
Ill, disabled	1,012	1,184	25	35	642	748	345	402	513	634	499	551
Keeping house	1,978	1,908	197	220	1,004	1,016	777	672	100	63	1,878	1,845
Retired	1,793	1,887	—	—	44	49	1,746	1,838	963	991	830	896
Other activity	687	782	187	187	486	565	15	30	429	456	258	326
Want a job now	1,393	1,299	519	509	775	668	99	122	473	485	920	814
Reason for not looking:												
School attendance	372	326	309	271	63	56	—	—	150	144	222	183
Ill health, disability	244	254	33	32	179	193	33	29	105	129	139	125
Home responsibility	282	289	66	95	214	188	2	6	—	—	282	289
Think cannot get a job	300	259	81	58	211	150	8	51	125	118	175	141
Other reasons ¹	195	171	30	54	109	80	57	37	93	95	102	76
HISPANIC ORIGIN												
Total not in labor force	5,265	5,433	1,356	1,427	2,459	2,505	1,450	1,502	1,502	1,607	3,764	3,827
Do not want a job now	4,509	4,749	1,110	1,224	2,006	2,025	1,394	1,500	1,268	1,312	3,241	3,437
Current activity:												
Going to school	820	895	723	794	97	97	—	5	397	397	423	498
Ill, disabled	433	482	16	18	281	300	136	163	244	237	189	245
Keeping house	2,155	2,180	292	324	1,377	1,406	486	449	22	39	2,133	2,141
Retired	788	889	—	—	23	17	764	873	438	525	350	365
Other activity	314	303	79	87	227	206	8	10	168	114	146	189
Want a job now	749	697	280	225	422	428	48	44	239	282	510	415
Reason for not looking:												
School attendance	192	183	158	134	34	49	—	—	77	119	115	64
Ill health, disability	108	100	6	5	88	81	14	14	28	50	80	49
Home responsibility	139	164	49	26	88	136	2	3	—	—	139	164
Think cannot get a job	178	128	33	18	130	92	14	19	83	56	94	73
Other reasons ¹	132	122	33	42	81	71	18	9	50	57	81	64

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(in thousands)

Reason and sex	4th Quarter 1993							
	Total	Age				Race and Hispanic origin		
		16 to 19 years	20 to 24 years	25 to 59 years	60 years and over	White	Black	Hispanic origin
TOTAL								
Personal factors:								
Employers think too young or old	145	2	--	40	103	134	8	12
Lacks education or training	144	29	22	86	6	115	19	26
Other personal handicap	96	6	10	71	9	79	11	4
Job-market factors:								
Could not find work	444	30	38	305	72	251	171	58
Thinks no job available	246	8	27	159	52	173	50	28
Men								
Personal factors:								
Employers think too young or old	54	--	--	12	43	48	4	--
Lacks education or training	53	12	9	33	--	37	13	6
Other personal handicap	36	6	2	24	4	29	5	1
Job-market factors:								
Could not find work	222	18	22	138	44	132	84	36
Thinks no job available	101	--	10	72	20	79	13	13
Women								
Personal factors:								
Employers think too young or old	91	2	--	28	61	87	4	12
Lacks education or training	91	18	14	54	6	78	6	21
Other personal handicap	60	--	8	47	5	50	6	3
Job-market factors:								
Could not find work	223	12	16	167	28	119	87	22
Thinks no job available	144	8	17	87	32	94	38	14

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Work-seeking intentions, work history, and sex	Total		Age						Race			
	IV 1992	IV 1993	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
TOTAL												
Do not intend to seek work	55,352	55,952	5,974	6,173	17,067	17,122	32,311	32,657	46,846	46,997	6,448	6,785
Intend to seek work in the next 12 months	10,023	9,873	5,033	4,891	4,269	4,351	721	631	7,820	7,653	1,752	1,718
Never worked	1,660	1,606	1,455	1,423	186	166	19	17	1,154	1,087	388	416
Last worked over 5 years ago	1,178	1,180	41	51	878	929	258	200	881	841	256	289
Last worked 1 to 5 years ago	2,423	2,502	701	589	1,511	1,681	211	232	1,922	1,959	421	419
Worked during the previous 12 months	4,762	4,585	2,836	2,828	1,693	1,575	233	182	3,864	3,766	687	593
Men												
Do not intend to seek work	19,138	19,511	2,487	2,548	3,872	3,983	12,779	12,980	15,966	16,120	2,480	2,680
Intend to seek work in the next 12 months	3,844	4,048	2,364	2,477	1,124	1,268	355	303	3,044	3,187	614	653
Never worked	760	716	711	665	45	50	4	1	528	490	174	183
Last worked over 5 years ago	281	294	10	21	171	180	101	92	197	217	73	65
Last worked 1 to 5 years ago	698	804	242	221	341	471	115	112	567	633	105	125
Worked during the previous 12 months	2,104	2,234	1,401	1,569	567	567	136	98	1,752	1,846	261	280
Women												
Do not intend to seek work	36,213	36,441	3,487	3,625	13,195	13,139	19,531	19,678	30,880	30,877	3,968	4,105
Intend to seek work in the next 12 months	6,179	5,825	2,668	2,414	3,145	3,083	366	328	4,776	4,467	1,138	1,065
Never worked	900	890	744	758	141	117	14	15	626	598	213	234
Last worked over 5 years ago	896	886	32	30	707	749	157	108	683	624	183	224
Last worked 1 to 5 years ago	1,725	1,698	458	368	1,171	1,209	96	121	1,355	1,326	316	294
Worked during the previous 12 months	2,658	2,351	1,434	1,258	1,126	1,008	98	84	2,112	1,920	426	313

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, and age	Total		White		Black		Hispanic origin	
	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
TOTAL								
Civilian noninstitutional population	192,319	194,315	163,135	164,415	22,096	22,474	15,421	15,966
Civilian labor force	126,945	128,490	108,421	109,708	13,896	13,971	10,156	10,533
Percent of population	66.0	66.1	66.5	66.7	62.9	62.2	65.9	66.0
Employed	118,186	120,571	101,928	103,753	12,012	12,380	9,011	9,432
Agriculture	3,089	2,989	2,873	2,785	155	137	486	461
Nonagricultural industries	115,097	117,582	99,055	100,968	11,857	12,243	8,525	8,970
Unemployed	8,759	7,918	6,493	5,955	1,884	1,591	1,145	1,101
Unemployment rate	6.9	6.2	6.0	5.4	13.6	11.4	11.3	10.5
Not in labor force	65,374	65,825	54,714	54,708	8,200	8,503	5,265	5,433
Men, 16 years and over								
Civilian noninstitutional population	91,952	93,030	78,630	79,358	9,959	10,152	7,660	7,930
Civilian labor force	68,970	69,472	59,610	60,026	6,865	6,819	6,158	6,323
Percent of population	75.0	74.7	75.8	75.6	68.9	67.2	80.4	79.7
Employed	64,023	65,128	55,861	56,703	5,885	6,005	5,498	5,695
Agriculture	2,472	2,377	2,285	2,196	143	123	445	410
Nonagricultural industries	61,551	62,751	53,576	54,507	5,742	5,882	5,053	5,285
Unemployed	4,948	4,344	3,749	3,323	980	813	660	628
Unemployment rate	7.2	6.3	6.3	5.5	14.3	11.9	10.7	9.9
Not in labor force	22,982	23,558	19,020	19,332	3,094	3,333	1,502	1,607
Men, 20 years and over								
Civilian noninstitutional population	85,262	86,258	73,303	73,959	8,925	9,092	6,898	7,172
Civilian labor force	65,585	66,143	56,758	57,152	6,466	6,482	5,776	5,960
Percent of population	76.9	76.7	77.4	77.3	72.5	71.3	83.7	83.1
Employed	61,316	62,437	53,479	54,316	5,656	5,801	5,211	5,417
Agriculture	2,312	2,258	2,134	2,082	135	121	409	394
Nonagricultural industries	59,005	60,179	51,345	52,234	5,521	5,680	4,802	5,024
Unemployed	4,269	3,706	3,279	2,835	810	682	565	543
Unemployment rate	6.5	5.6	5.8	5.0	12.5	10.5	9.8	9.1
Not in labor force	19,677	20,115	16,545	16,808	2,459	2,610	1,122	1,212
Women, 16 years and over								
Civilian noninstitutional population	100,367	101,285	84,505	85,057	12,137	12,322	7,762	8,036
Civilian labor force	57,975	59,018	48,811	49,682	7,031	7,152	3,998	4,210
Percent of population	57.8	58.3	57.8	58.4	57.9	58.0	51.5	52.4
Employed	54,163	55,443	46,067	47,050	6,127	6,375	3,513	3,737
Agriculture	618	613	589	590	12	14	41	51
Nonagricultural industries	53,546	54,831	45,479	46,460	6,115	6,361	3,472	3,686
Unemployed	3,811	3,574	2,744	2,632	904	778	485	473
Unemployment rate	6.6	6.1	5.6	5.3	12.9	10.9	12.1	11.2
Not in labor force	42,392	42,267	35,694	35,375	5,106	5,170	3,764	3,827
Women, 20 years and over								
Civilian noninstitutional population	93,860	94,710	79,324	79,821	11,092	11,265	7,020	7,276
Civilian labor force	54,947	55,852	46,213	46,936	6,700	6,808	3,702	3,909
Percent of population	58.5	59.0	58.3	58.8	60.4	60.4	52.7	53.7
Employed	51,662	52,778	43,849	44,667	5,922	6,151	3,305	3,518
Agriculture	584	583	555	561	12	14	38	48
Nonagricultural industries	51,078	52,195	43,293	44,107	5,910	6,138	3,267	3,471
Unemployed	3,285	3,074	2,365	2,269	778	657	398	391
Unemployment rate	6.0	5.5	5.1	4.8	11.6	9.7	10.7	10.0
Not in labor force	38,913	38,858	33,110	32,885	4,392	4,456	3,318	3,367
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,196	13,347	10,508	10,635	2,079	2,117	1,503	1,518
Civilian labor force	6,413	6,495	5,449	5,620	730	680	678	664
Percent of population	48.6	48.7	51.9	52.8	35.1	32.1	45.1	43.7
Employed	5,208	5,356	4,600	4,769	434	428	496	496
Agriculture	193	148	184	142	8	3	39	20
Nonagricultural industries	5,014	5,208	4,416	4,627	425	425	456	476
Unemployed	1,205	1,139	849	850	296	252	182	168
Unemployment rate	18.8	17.5	15.6	15.1	40.6	37.1	26.9	25.2
Not in labor force	6,783	6,852	5,058	5,015	1,349	1,437	826	855

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, and age	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
TOTAL								
Civilian noninstitutional population	15,421	15,966	9,622	9,852	1,619	1,725	885	904
Civilian labor force	10,156	10,533	6,444	6,666	918	950	538	542
Percent of population	65.9	66.0	67.0	67.7	56.7	55.1	60.8	60.0
Employed	9,011	9,432	5,671	5,925	783	834	508	505
Agriculture	486	461	438	408	7	4	8	13
Nonagricultural industries	8,525	8,970	5,233	5,517	776	830	501	491
Unemployed	1,145	1,101	773	740	135	116	30	37
Unemployment rate	11.3	10.5	12.0	11.1	14.7	12.2	5.6	6.9
Not in labor force	5,265	5,433	3,177	3,186	701	775	347	362
Men, 16 years and over								
Civilian noninstitutional population	7,660	7,930	4,920	5,056	711	768	405	416
Civilian labor force	6,158	6,323	4,045	4,121	496	535	294	301
Percent of population	80.4	79.7	82.2	81.5	69.8	69.6	72.7	72.3
Employed	5,498	5,695	3,587	3,704	421	457	284	280
Agriculture	445	410	401	358	6	4	8	12
Nonagricultural industries	5,053	5,285	3,186	3,346	415	454	276	269
Unemployed	660	628	458	416	75	77	11	21
Unemployment rate	10.7	9.9	11.3	10.1	15.2	14.5	3.7	6.9
Not in labor force	1,502	1,607	876	936	215	234	111	115
Men, 20 years and over								
Civilian noninstitutional population	6,898	7,172	4,402	4,563	624	675	386	404
Civilian labor force	5,776	5,960	3,755	3,868	463	502	287	298
Percent of population	83.7	83.1	85.3	84.8	74.3	74.4	74.4	73.7
Employed	5,211	5,417	3,375	3,518	398	432	277	279
Agriculture	409	394	366	343	6	2	7	12
Nonagricultural industries	4,802	5,024	3,009	3,175	391	429	270	267
Unemployed	565	543	379	350	66	70	10	19
Unemployment rate	9.8	9.1	10.1	9.0	14.2	14.0	3.6	6.5
Not in labor force	1,122	1,212	647	695	161	173	99	106
Women, 16 years and over								
Civilian noninstitutional population	7,762	8,036	4,701	4,796	907	957	480	488
Civilian labor force	3,998	4,210	2,399	2,545	421	415	244	241
Percent of population	51.5	52.4	51.0	53.1	46.4	43.4	50.8	49.4
Employed	3,513	3,737	2,084	2,221	362	376	225	224
Agriculture	41	51	38	50	1	—	—	1
Nonagricultural industries	3,472	3,686	2,046	2,171	362	376	225	223
Unemployed	485	473	315	324	59	39	19	17
Unemployment rate	12.1	11.2	13.1	12.7	14.1	9.3	7.8	7.0
Not in labor force	3,764	3,827	2,302	2,251	486	542	236	247
Women, 20 years and over								
Civilian noninstitutional population	7,020	7,276	4,167	4,261	821	892	465	468
Civilian labor force	3,702	3,909	2,188	2,318	393	399	236	232
Percent of population	52.7	53.7	52.5	54.4	47.9	44.8	50.7	49.7
Employed	3,305	3,518	1,934	2,061	344	364	220	217
Agriculture	38	48	35	47	—	—	—	1
Nonagricultural industries	3,267	3,471	1,899	2,013	344	365	219	217
Unemployed	398	391	254	258	49	35	16	15
Unemployment rate	10.7	10.0	11.6	11.1	12.6	8.7	6.9	6.5
Not in labor force	3,318	3,367	1,979	1,943	428	493	229	236
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,503	1,518	1,053	1,028	174	159	35	32
Civilian labor force	678	664	502	480	62	49	15	12
Percent of population	45.1	43.7	47.6	46.7	35.4	30.9	(²)	(²)
Employed	496	496	362	346	42	38	12	9
Agriculture	39	20	38	18	1	1	—	1
Nonagricultural industries	456	476	324	328	41	37	12	8
Unemployed	182	168	140	133	20	11	4	3
Unemployment rate	26.9	25.2	27.8	27.8	31.9	(²)	(²)	(²)
Not in labor force	826	855	551	548	113	110	19	20

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Category	Total		White		Black		Hispanic origin	
	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
CHARACTERISTIC								
Total (all civilian workers)	118,186	120,571	101,928	103,753	12,012	12,380	9,011	9,432
Men	64,023	65,128	55,861	56,703	5,885	6,005	5,498	5,695
Women	54,163	55,443	46,067	47,050	6,127	6,375	3,513	3,737
OCCUPATION								
Managerial and professional specialty	31,643	32,906	28,318	29,333	2,094	2,193	1,195	1,349
Executive, administrative, and managerial	14,816	15,590	13,457	14,001	884	1,003	627	738
Professional specialty	16,827	17,316	14,861	15,332	1,210	1,190	568	610
Technical, sales, and administrative support	36,659	37,021	32,039	32,277	3,285	3,461	2,175	2,260
Technicians and related support	4,146	3,898	3,537	3,324	414	386	183	189
Sales occupations	14,109	14,429	12,690	12,918	911	1,016	795	827
Administrative support, including clerical	18,404	18,695	15,811	16,035	1,960	2,059	1,196	1,245
Service occupations	16,015	16,570	12,573	12,961	2,787	2,920	1,764	1,896
Private household	887	935	694	750	163	149	151	204
Protective service	2,067	2,099	1,644	1,668	372	379	146	145
Service, except private household and protective	13,060	13,535	10,236	10,543	2,252	2,391	1,466	1,547
Precision production, craft, and repair	13,340	13,622	11,912	12,203	1,051	1,024	1,261	1,266
Mechanics and repairers	4,468	4,543	4,021	4,088	346	343	383	359
Construction trades	4,883	5,076	4,471	4,634	328	336	412	465
Other precision production, craft, and repair	3,989	4,004	3,420	3,481	377	346	467	442
Operators, fabricators, and laborers	17,205	17,283	14,061	14,085	2,564	2,579	2,054	2,115
Machine operators, assemblers, and inspectors	7,548	7,504	6,114	6,075	1,102	1,098	1,088	1,068
Transportation and material moving occupations	4,926	5,128	4,122	4,325	707	688	422	462
Handlers, equipment cleaners, helpers, and laborers	4,732	4,652	3,825	3,684	755	793	544	585
Construction laborers	628	670	518	551	88	94	94	100
Other handlers, equipment cleaners, helpers, and laborers	4,104	3,982	3,307	3,134	667	699	449	484
Farming, forestry, and fishing	3,324	3,169	3,025	2,895	230	202	562	545
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,618	1,652	1,458	1,502	114	93	427	402
Self-employed workers	1,353	1,253	1,297	1,199	40	44	59	59
Unpaid family workers	118	84	118	83	-	-	-	1
Nonagricultural industries:								
Wage and salary workers	106,114	108,265	90,862	92,515	11,413	11,784	8,058	8,489
Government	18,528	18,752	15,096	15,250	2,742	2,790	1,015	1,137
Private industries	87,586	89,513	75,766	77,265	8,670	8,994	7,043	7,352
Private households	1,083	1,104	836	863	209	195	187	230
Other industries	86,503	88,409	74,930	76,401	8,461	8,799	6,856	7,122
Self-employed workers	8,780	9,102	8,005	8,260	438	456	451	474
Unpaid family workers	203	215	188	193	6	3	16	7
FULL- AND PART-TIME STATUS¹								
Full-time schedules	95,065	97,167	81,797	83,369	9,842	10,196	7,299	7,592
Part time for economic reasons	6,238	5,982	5,077	4,839	920	889	636	844
Part time for noneconomic reasons	16,882	17,422	15,054	15,545	1,249	1,295	876	996

¹ Employed persons with a job but not at work are distributed according to whether they usually work full or part time.
NOTE: Detail for the above race and Hispanic-origin groups will not

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Category	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
CHARACTERISTIC								
Total (all civilian workers)	9,011	9,432	5,671	5,925	783	834	508	505
Men	5,498	5,695	3,587	3,704	421	457	284	280
Women	3,513	3,737	2,084	2,221	362	376	225	224
OCCUPATION								
Managerial and professional specialty	1,195	1,349	608	714	129	162	121	118
Executive, administrative, and managerial	627	738	328	395	60	83	70	68
Professional specialty	568	610	280	318	69	79	51	49
Technical, sales, and administrative support	2,175	2,260	1,296	1,326	245	265	150	164
Technicians and related support	183	189	115	103	14	31	14	18
Sales occupations	795	827	472	470	69	79	46	68
Administrative support, including clerical	1,196	1,245	709	753	162	155	90	77
Service occupations	1,764	1,896	1,032	1,159	156	154	71	69
Private household	151	204	67	99	10	3	2	4
Protective service	146	145	75	84	30	23	8	13
Service, except private household and protective	1,466	1,547	890	975	117	129	60	51
Precision production, craft, and repair	1,261	1,266	840	859	90	79	76	51
Mechanics and repairers	383	359	253	220	29	30	17	20
Construction trades	412	465	269	314	28	24	33	22
Other precision production, craft, and repair	467	442	318	326	32	24	25	9
Operators, fabricators, and laborers	2,054	2,115	1,403	1,389	152	164	78	87
Machine operators, assemblers, and inspectors	1,088	1,068	740	680	78	86	37	35
Transportation and material moving occupations	422	462	284	291	33	41	21	29
Handlers, equipment cleaners, helpers, and laborers	544	585	380	418	42	38	20	24
Construction laborers	94	100	65	75	3	3	8	2
Other handlers, equipment cleaners, helpers, and laborers	449	484	315	343	39	35	12	22
Farming, forestry, and fishing	562	545	492	478	11	9	12	16
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	427	402	391	363	5	3	4	7
Self-employed workers	59	59	47	44	1	-	4	6
Unpaid family workers	-	1	-	1	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	8,058	8,489	4,957	5,271	753	796	464	452
Government	1,015	1,137	635	727	150	147	43	51
Private industries	7,043	7,352	4,322	4,544	603	649	421	401
Private households	187	230	92	117	10	4	3	5
Other industries	6,856	7,122	4,230	4,427	593	645	418	396
Self-employed workers	451	474	267	242	23	34	35	39
Unpaid family workers	16	7	9	4	-	1	1	-
FULL- AND PART-TIME STATUS²								
Full-time schedules	7,299	7,592	4,549	4,733	646	684	439	431
Part time for economic reasons	836	844	572	603	56	47	23	25
Part time for noneconomic reasons	876	996	551	589	82	103	46	49

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Sex and age	Total		White		Black		Hispanic origin	
	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
Total, 16 years and over	118,186	120,571	101,928	103,753	12,012	12,380	9,011	9,432
16 to 19 years	5,208	5,356	4,600	4,769	434	428	496	496
16 to 17 years	1,944	2,095	1,784	1,894	130	158	133	152
18 to 19 years	3,264	3,260	2,836	2,876	304	270	363	345
20 to 24 years	12,103	12,056	10,353	10,241	1,318	1,359	1,261	1,282
25 years and over	100,875	103,160	86,975	88,742	10,260	10,593	7,255	7,654
25 to 54 years	86,153	88,299	74,002	75,558	8,953	9,337	6,591	6,903
55 years and over	14,722	14,861	12,973	13,184	1,307	1,256	664	751
Men, 16 years and over	64,023	65,128	55,861	56,703	5,885	6,005	5,498	5,695
16 to 19 years	2,706	2,690	2,382	2,387	229	205	287	278
16 to 17 years	992	1,050	894	945	72	76	74	90
18 to 19 years	1,714	1,641	1,487	1,442	157	128	213	188
20 to 24 years	6,351	6,319	5,425	5,375	688	681	782	776
25 years and over	54,965	56,118	48,053	48,942	4,968	5,120	4,429	4,641
25 to 54 years	46,708	47,870	40,717	41,546	4,300	4,497	4,030	4,207
55 years and over	8,257	8,248	7,337	7,396	668	623	399	434
Women, 16 years and over	54,163	55,443	46,067	47,050	6,127	6,375	3,513	3,737
16 to 19 years	2,502	2,665	2,219	2,383	205	223	208	218
16 to 17 years	952	1,046	870	949	58	82	59	62
18 to 19 years	1,549	1,619	1,349	1,434	147	141	149	157
20 to 24 years	5,751	5,737	4,927	4,867	629	677	479	505
25 years and over	45,910	47,041	38,921	39,800	5,292	5,474	2,826	3,013
25 to 54 years	39,445	40,428	33,285	34,013	4,653	4,840	2,561	2,696
55 years and over	6,465	6,613	5,636	5,788	640	634	265	317

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

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

(Civilian workers)

Sex and age	Total		White		Black		Hispanic origin	
	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
Total, 16 years and over	6.9	6.2	6.0	5.4	13.8	11.4	11.3	10.5
16 to 19 years	18.8	17.5	15.6	15.1	40.6	37.1	26.9	25.2
16 to 17 years	22.1	19.4	18.9	17.2	46.6	36.7	38.4	32.5
18 to 19 years	16.7	16.3	13.4	13.7	37.6	37.3	21.5	21.5
20 to 24 years	10.5	9.2	8.5	7.7	23.2	18.9	13.9	13.2
25 years and over	5.7	5.1	5.1	4.6	10.4	6.8	9.5	8.8
25 to 54 years	6.0	5.3	5.3	4.7	11.1	9.2	9.6	8.9
55 years and over	4.4	4.1	4.3	3.8	4.8	6.1	8.3	8.0
Men, 16 years and over	7.2	6.3	6.3	5.5	14.3	11.9	10.7	9.9
16 to 19 years	20.1	19.2	16.5	17.0	42.6	39.2	24.8	23.5
16 to 17 years	23.6	20.8	19.9	18.5	46.9	39.2	35.2	30.7
18 to 19 years	17.9	18.1	14.3	15.9	40.4	39.2	20.4	19.6
20 to 24 years	11.3	9.7	9.4	8.3	22.6	18.9	12.7	12.7
25 years and over	5.9	5.1	5.4	4.6	10.9	9.3	9.2	8.5
25 to 54 years	6.1	5.2	5.5	4.7	11.7	9.6	9.2	8.4
55 years and over	4.8	4.4	4.7	4.2	5.6	6.8	9.4	9.2
Women, 16 years and over	6.6	6.1	5.6	5.3	12.9	10.9	12.1	11.2
16 to 19 years	17.4	15.8	14.6	13.2	38.1	35.1	29.5	27.3
16 to 17 years	20.8	18.0	17.9	15.9	48.2	34.2	42.1	34.9
18 to 19 years	15.3	14.4	12.3	11.3	34.2	35.5	22.9	23.8
20 to 24 years	9.7	8.7	7.5	7.1	23.9	18.8	15.7	13.9
25 years and over	5.5	5.1	4.8	4.6	9.9	8.4	9.8	9.3
25 to 54 years	5.7	5.3	5.0	4.8	10.6	8.7	10.2	9.6
55 years and over	3.9	3.8	3.6	3.3	4.0	5.4	6.7	6.3

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Weeks of unemployment	Total		White		Black		Hispanic origin	
	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
DURATION								
Total, 16 years and over	8,759	7,918	6,493	5,955	1,884	1,591	1,145	1,101
Less than 5 weeks	2,974	2,879	2,276	2,232	586	517	428	442
5 to 14 weeks	2,635	2,331	1,938	1,740	576	486	351	315
15 weeks and over	3,150	2,709	2,279	1,982	722	588	365	345
15 to 26 weeks	1,273	1,075	926	796	271	227	167	155
27 weeks and over	1,877	1,634	1,353	1,187	451	361	198	189
Average (mean) duration, in weeks	18.6	18.5	18.2	17.8	20.0	20.4	16.4	16.3
Median duration, in weeks	8.9	8.1	8.6	7.7	9.6	9.3	7.9	7.3
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	34.0	36.4	35.0	37.5	31.1	32.5	37.4	40.1
5 to 14 weeks	30.1	29.4	29.9	29.2	30.5	30.5	30.7	28.6
15 weeks and over	36.0	34.2	35.1	33.3	38.3	37.0	31.9	31.3
15 to 26 weeks	14.5	13.6	14.3	13.4	14.4	14.3	14.6	14.1
27 weeks and over	21.4	20.6	20.8	19.9	23.9	22.7	17.3	17.2

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

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

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin	
	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
NUMBER OF UNEMPLOYED								
Total, 16 years and over	8,759	7,918	6,493	5,955	1,884	1,591	1,145	1,101
Job losers	4,927	4,304	3,772	3,318	959	800	688	638
On layoff	1,097	987	894	837	171	122	117	115
Other job losers	3,830	3,317	2,879	2,480	788	677	571	523
Job leavers	942	946	740	738	164	164	97	124
Reentrants	2,105	1,942	1,491	1,403	531	446	226	195
New entrants	786	726	489	497	231	182	134	143
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	56.3	54.4	58.1	55.7	50.9	50.3	60.1	57.9
On layoff	12.5	12.5	13.8	14.1	9.1	7.7	10.2	10.4
Other job losers	43.7	41.9	44.3	41.7	41.8	42.6	49.9	47.5
Job leavers	10.8	12.0	11.4	12.4	8.7	10.3	8.4	11.3
Reentrants	24.0	24.5	23.0	23.6	28.2	28.0	19.7	17.7
New entrants	9.0	9.2	7.5	8.3	12.3	11.4	11.7	13.0
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	3.9	3.3	3.5	3.0	6.9	5.7	6.8	6.1
Job leavers .....	.7	.7	.7	.7	1.2	1.2	1.0	1.2
Reentrants	1.7	1.5	1.4	1.3	3.8	3.2	2.2	1.9
New entrants .....	.6	.6	.5	.5	1.7	1.3	1.3	1.4

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	IV 1992	IV 1993	Total		Employed		Unemployed			
			IV 1992	IV 1993	IV 1992	IV 1993	Number		Percent of labor force	
							IV 1992	IV 1993	IV 1992	IV 1993
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,883	7,918	7,037	7,035	6,652	6,698	385	337	5.5	4.8
35 to 49 years	6,150	5,781	5,724	5,384	5,399	5,115	324	269	5.7	5.0
35 to 39 years	857	652	781	605	721	563	61	42	7.8	6.9
40 to 44 years	2,521	2,131	2,329	1,979	2,181	1,852	148	127	6.4	6.4
45 to 49 years	2,771	2,998	2,613	2,800	2,498	2,699	115	100	4.4	3.6
50 years and over	1,733	2,137	1,314	1,651	1,252	1,563	61	68	4.7	4.1
NONVETERANS										
Total, 35 to 49 years	19,803	20,807	18,478	19,301	17,475	18,390	1,003	911	5.4	4.7
35 to 39 years	8,859	9,103	8,349	8,511	7,846	8,086	503	425	6.0	5.0
40 to 44 years	6,446	7,003	6,032	6,505	5,738	6,212	293	292	4.9	4.5
45 to 49 years	4,499	4,701	4,097	4,285	3,890	4,092	207	194	5.1	4.5

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.

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

(Numbers in thousands)

Employment status and age	Veterans						Nonveterans					
	White		Black		Hispanic origin		White		Black		Hispanic origin	
	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
Total, 35 to 49 years												
Civilian noninstitutional population	5,501	5,173	533	483	252	234	16,900	17,677	2,017	2,114	1,878	1,952
Civilian labor force	5,165	4,845	457	428	223	220	15,963	16,628	1,707	1,756	1,747	1,771
Employed	4,899	4,616	410	392	207	192	15,184	15,956	1,532	1,576	1,604	1,632
Unemployed	266	228	47	33	15	28	779	672	174	179	143	139
Unemployment rate	5.2	4.7	10.3	7.8	6.9	12.7	4.9	4.0	10.2	10.2	8.2	7.9
35 to 39 years												
Civilian noninstitutional population	721	548	110	87	39	21	7,633	7,820	890	886	817	871
Civilian labor force	660	516	97	75	35	19	7,269	7,405	788	748	776	608
Employed	610	483	89	67	28	15	6,890	7,083	665	672	716	753
Unemployed	50	33	7	7	7	5	380	322	103	76	60	55
Unemployment rate	7.6	6.4	7.7	9.9	20.1	(¹)	5.2	4.3	13.4	10.1	7.8	6.8
40 to 44 years												
Civilian noninstitutional population	2,255	1,916	221	164	113	99	5,466	5,917	666	753	649	628
Civilian labor force	2,107	1,789	186	144	97	97	5,186	5,566	558	629	589	568
Employed	1,986	1,682	162	128	93	83	4,954	5,350	517	571	540	507
Unemployed	121	107	25	16	4	14	232	216	41	58	49	61
Unemployment rate	5.7	6.0	13.2	11.1	4.2	14.2	4.5	3.9	7.3	9.2	8.3	10.7
45 to 49 years												
Civilian noninstitutional population	2,525	2,709	202	231	100	114	3,802	3,940	462	476	412	453
Civilian labor force	2,398	2,540	174	207	91	104	3,508	3,657	381	380	382	396
Employed	2,303	2,451	159	197	86	94	3,341	3,523	350	334	348	372
Unemployed	95	88	15	10	4	10	167	134	31	46	34	24
Unemployment rate	4.0	3.5	8.6	4.7	4.7	9.3	4.8	3.7	8.1	12.1	8.9	6.0

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Type of family, race, and Hispanic origin	IV 1992					IV 1993				
	Total families	With unemployment:				Total families	With unemployment:			
		Total	Percent of families:				Total	Percent of families:		
			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL										
Total families	66,985	6,215	30.8	69.2	60.8	67,517	5,609	31.5	68.5	61.1
With children under 18 years of age	32,411	3,439	34.6	65.4	57.7	32,681	3,094	35.1	64.9	57.5
Married-couple families	52,059	4,245	19.8	80.2	71.8	52,358	3,792	19.5	80.5	72.8
With children under 18 years of age	23,849	2,397	18.9	81.1	72.6	23,941	2,107	17.8	82.2	73.9
Families maintained by women	11,733	1,551	56.2	43.8	35.7	11,788	1,394	58.8	41.2	34.5
With children under 18 years of age	7,160	890	71.3	28.7	22.2	7,177	819	72.0	28.0	22.1
Families maintained by men	3,193	419	47.3	52.7	42.7	3,371	423	49.2	50.8	44.2
With children under 18 years of age	1,402	152	65.1	34.9	28.9	1,563	168	72.6	27.4	24.4
White										
Total families	57,039	4,636	28.0	72.0	63.6	57,391	4,245	27.6	72.4	64.6
With children under 18 years of age	26,737	2,541	30.0	70.0	61.9	26,867	2,308	29.7	70.3	62.4
Married-couple families	46,763	3,522	20.0	80.0	71.5	47,012	3,168	19.1	80.9	73.2
With children under 18 years of age	21,035	1,974	18.9	81.1	72.4	21,089	1,740	17.1	82.9	74.5
Families maintained by women	7,807	827	55.4	44.6	36.6	7,735	775	54.7	45.3	37.2
With children under 18 years of age	4,600	469	69.2	30.8	23.7	4,521	445	67.4	32.6	25.2
Families maintained by men	2,469	288	46.5	53.5	44.4	2,643	302	47.0	53.0	45.4
With children under 18 years of age	1,103	98	65.3	34.7	31.6	1,257	122	70.5	29.5	25.4
Black										
Total families	7,658	1,293	42.7	57.3	48.3	7,701	1,097	46.3	53.7	47.9
With children under 18 years of age	4,379	734	51.9	48.1	41.0	4,421	627	54.7	45.3	39.9
Married-couple families	3,523	511	20.2	79.8	71.2	3,516	435	20.7	79.3	72.0
With children under 18 years of age	1,774	300	19.7	80.3	72.0	1,774	245	18.8	81.2	72.7
Families maintained by women	3,564	676	58.2	41.8	33.3	3,619	564	64.7	35.3	30.7
With children under 18 years of age	2,351	389	74.8	25.2	19.3	2,399	344	77.6	22.4	18.3
Families maintained by men	572	106	51.9	48.1	34.0	566	98	(¹)	(¹)	(¹)
With children under 18 years of age	255	46	(¹)	(¹)	(¹)	249	39	(¹)	(¹)	(¹)
Hispanic origin										
Total families	5,239	817	35.1	64.9	59.0	5,502	789	31.8	68.2	62.2
With children under 18 years of age	3,338	548	38.6	61.4	55.9	3,493	506	36.4	63.6	57.5
Married-couple families	3,549	555	25.6	74.4	69.4	3,718	532	21.8	78.2	71.1
With children under 18 years of age	2,296	393	26.2	73.8	68.7	2,387	364	24.0	76.0	69.1
Families maintained by women	1,249	186	64.0	36.0	28.5	1,327	178	57.3	42.7	38.2
With children under 18 years of age	879	130	73.8	26.2	19.2	899	113	68.1	31.9	26.5
Families maintained by men	441	76	(¹)	(¹)	(¹)	457	79	(¹)	(¹)	(¹)
With children under 18 years of age	163	25	(¹)	(¹)	(¹)	207	29	(¹)	(¹)	(¹)

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

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

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

HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES

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

(Numbers in thousands)

Family relationship, race, and Hispanic origin	IV 1992			IV 1993				
	Total	Percent of unemployed:			Total	Percent of unemployed:		
		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total unemployed in families ¹	6,964	32.1	67.9	59.5	6,244	33.1	66.9	59.6
Husbands	1,780	34.2	65.8	53.1	1,502	33.1	66.9	53.8
With children under 18 years of age	1,071	37.1	62.9	49.9	895	36.6	63.4	48.8
Wives	1,402	15.6	84.4	79.4	1,315	17.7	82.3	78.5
With children under 18 years of age	879	14.2	85.8	81.1	796	13.8	86.2	82.4
Relatives in married-couple families	1,574	13.2	86.8	80.4	1,393	13.0	87.0	82.0
Women who maintain families	714	86.1	13.9	8.5	687	84.5	15.5	9.6
With children under 18 years of age	587	92.7	7.3	3.0	572	91.4	8.6	3.9
Relatives in families maintained by women	1,035	35.2	64.8	54.6	894	39.2	60.8	53.2
Men who maintain families	211	69.4	30.6	24.1	203	73.9	26.1	20.6
With children under 18 years of age	105	(²)	(²)	(²)	117	93.3	6.7	3.1
Relatives in families maintained by men	249	30.7	69.3	57.3	251	30.5	69.5	61.5
White								
Total unemployed in families ¹	5,089	29.6	70.4	62.0	4,643	29.3	70.7	62.9
Husbands	1,498	34.8	65.2	51.8	1,251	33.5	66.5	52.7
With children under 18 years of age	866	38.0	62.0	48.2	724	37.1	62.9	47.3
Wives	1,169	15.1	84.9	80.0	1,130	16.5	83.5	79.7
With children under 18 years of age	732	13.8	86.2	81.4	875	11.6	88.4	84.4
Relatives in married-couple families	1,210	13.0	87.0	81.1	1,094	11.8	88.2	83.4
Women who maintain families	376	83.6	16.4	9.8	368	81.3	18.7	10.9
With children under 18 years of age	309	91.2	8.8	3.5	301	89.0	11.0	4.4
Relatives in families maintained by women	516	35.4	64.6	55.4	476	35.7	64.3	55.6
Men who maintain families	146	69.3	30.7	23.4	145	70.7	29.3	22.5
With children under 18 years of age	69	89.5	10.5	6.0	80	93.2	6.8	1.6
Relatives in families maintained by men	174	30.7	69.3	59.6	178	31.1	68.9	60.9
Black								
Total unemployed in families ¹	1,543	42.2	57.8	49.4	1,308	45.4	54.6	48.8
Husbands	204	33.0	67.0	57.8	167	28.4	71.6	61.0
With children under 18 years of age	146	34.5	65.5	55.7	112	30.7	69.3	58.2
Wives	164	16.9	83.1	77.1	124	23.3	76.7	72.3
With children under 18 years of age	108	14.6	85.4	81.9	82	24.5	75.5	73.3
Relatives in married-couple families	265	14.7	85.3	78.2	243	16.6	83.4	77.7
Women who maintain families	320	90.2	9.8	5.7	288	90.4	9.6	6.0
With children under 18 years of age	265	94.8	5.2	2.1	250	94.0	6.0	3.1
Relatives in families maintained by women	479	35.3	64.7	53.4	383	43.0	57.0	51.3
Men who maintain families	55	(²)	(²)	(²)	47	(²)	(²)	(²)
With children under 18 years of age	33	(²)	(²)	(²)	29	(²)	(²)	(²)
Relatives in families maintained by men	55	(²)	(²)	(²)	56	(²)	(²)	(²)
Hispanic origin								
Total unemployed in families ¹	950	37.1	62.9	57.8	892	33.7	66.3	59.7
Husbands	247	47.5	52.5	45.7	216	45.1	54.9	44.0
With children under 18 years of age	185	48.7	51.3	43.9	167	50.1	49.9	39.3
Wives	181	20.6	79.4	77.3	172	17.3	82.7	78.1
With children under 18 years of age	126	24.0	76.0	74.1	123	15.7	84.3	79.6
Relatives in married-couple families	233	15.5	84.5	81.3	225	9.9	90.1	83.4
Women who maintain families	95	86.5	13.5	7.8	85	78.9	21.1	15.6
With children under 18 years of age	85	(²)	(²)	(²)	69	(²)	(²)	(²)
Relatives in families maintained by women	107	44.0	56.0	47.5	109	45.3	54.7	50.2
Men who maintain families	37	(²)	(²)	(²)	31	(²)	(²)	(²)
With children under 18 years of age	14	(²)	(²)	(²)	16	(²)	(²)	(²)
Relatives in families maintained by men	50	(²)	(²)	(²)	53	(²)	(²)	(²)

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

used in aggregating the data.

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Family relationship, race, and Hispanic origin	IV 1992			IV 1993				
	Total	Percent of employed:			Total	Percent of employed:		
		With no other employed person in family	With another employed person in family	With another person in family employed full time		With no other employed person in family	With another employed person in family	With another person in family employed full time
TOTAL								
Total employed in families ¹	94,018	23.0	77.0	66.3	95,251	22.8	77.2	66.6
Husbands	38,463	27.4	72.6	55.0	38,887	26.8	73.2	55.9
With children under 16 years of age	21,648	29.5	70.5	49.8	21,944	28.9	71.1	50.5
Wives	29,731	10.3	89.7	85.2	30,280	9.9	90.1	85.6
With children under 18 years of age	15,645	6.4	93.6	90.2	15,969	5.8	94.2	91.0
Relatives in married-couple families	10,794	7.4	92.6	88.2	10,589	7.7	92.3	88.2
White								
Women who maintain families	6,643	66.0	34.0	21.8	6,746	66.6	33.4	22.0
With children under 18 years of age	4,345	82.3	17.7	7.8	4,419	83.3	16.7	7.7
Relatives in families maintained by women	4,587	24.7	75.3	66.7	4,725	24.9	75.1	65.3
Men who maintain families	2,236	60.5	39.5	30.1	2,393	61.6	38.4	28.4
With children under 18 years of age	1,148	85.1	14.9	8.9	1,275	85.9	14.1	6.5
Relatives in families maintained by men	1,564	21.1	78.9	73.0	1,632	19.1	80.9	74.4
Black								
Total employed in families ¹	8,145	22.0	78.0	66.9	82,324	21.8	78.2	67.1
Husbands	34,622	27.6	72.4	54.2	34,999	27.0	73.0	55.0
With children under 18 years of age	19,296	30.0	70.0	48.3	19,540	29.3	70.7	49.1
Wives	26,497	9.8	90.2	85.7	27,002	9.5	90.5	86.0
With children under 18 years of age	13,750	5.7	94.3	91.2	14,020	5.3	94.7	91.8
Relatives in married-couple families	9,396	7.3	92.7	88.4	9,116	7.4	92.6	88.4
Women who maintain families	4,813	63.1	36.9	23.5	4,626	64.2	35.8	23.1
With children under 18 years of age	2,982	61.0	39.0	7.8	2,976	61.9	38.1	7.9
Relatives in families maintained by women	3,356	24.3	75.7	66.8	3,385	25.5	74.5	64.5
Men who maintain families	1,777	60.9	39.1	29.0	1,931	61.6	38.4	27.6
With children under 18 years of age	937	84.5	15.5	8.8	1,048	85.1	14.9	6.5
Relatives in families maintained by men	1,190	20.9	79.1	73.1	1,266	19.2	80.8	74.3
Hispanic origin								
Total employed in families ¹	8,987	32.4	67.6	59.7	9,235	31.4	68.6	60.7
Husbands	2,474	22.5	77.5	66.4	2,489	21.3	78.7	67.9
With children under 18 years of age	1,474	20.6	79.4	67.7	1,498	20.1	79.9	68.0
Wives	2,149	15.5	84.5	79.7	2,167	14.0	86.0	80.5
With children under 18 years of age	1,244	12.4	87.6	82.6	1,271	10.2	89.8	84.5
Relatives in married-couple families	879	10.2	89.8	84.4	987	10.2	89.8	85.6
Women who maintain families	1,818	74.2	25.8	16.6	1,883	73.7	26.3	17.8
With children under 18 years of age	1,247	85.5	14.5	7.7	1,297	86.9	13.1	6.6
Relatives in families maintained by women	1,077	27.1	72.9	65.6	1,141	24.6	75.4	66.4
Men who maintain families	345	65.7	34.3	27.8	340	67.9	32.1	25.5
With children under 18 years of age	178	88.8	11.2	8.5	181	91.5	8.5	4.8
Relatives in families maintained by men	244	27.4	72.6	65.4	228	27.6	72.4	65.1
Hispanic origin								
Total employed in families ¹	7,188	27.1	72.9	64.2	7,564	26.9	73.1	64.0
Husbands	2,769	36.3	63.7	50.6	2,951	34.8	65.2	51.9
With children under 18 years of age	1,970	39.0	61.0	48.0	2,098	37.1	62.9	48.9
Wives	1,726	11.1	88.9	62.8	1,848	10.5	89.5	84.1
With children under 18 years of age	1,164	9.0	91.0	85.6	1,230	8.9	91.1	86.9
Relatives in married-couple families	1,064	8.9	93.1	88.9	1,028	6.7	93.3	87.5
Women who maintain families	580	66.3	33.7	25.7	612	64.0	36.0	26.3
With children under 18 years of age	405	79.0	21.0	14.0	406	79.9	20.1	12.8
Relatives in families maintained by women	425	23.4	76.8	71.1	510	25.8	74.2	65.6
Men who maintain families	326	50.0	50.0	40.3	351	58.9	41.1	34.6
With children under 18 years of age	134	79.0	21.0	13.7	165	84.1	15.9	10.4
Relatives in families maintained by men	299	10.4	89.6	84.7	263	6.0	94.0	91.8

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

used in aggregating the data.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Type of family, number of earners, race, and Hispanic origin	Number of families		Median weekly earnings	
	IV 1992	IV 1993	IV 1992	IV 1993
TOTAL				
Total families with earners ¹	44,398	44,869	\$690	\$715
Married-couple families	34,384	34,564	783	813
One earner	12,087	12,197	462	485
Husband	8,545	8,758	536	573
Wife	2,788	2,721	295	324
Other family member	754	718	279	271
Two or more earners	22,296	22,367	939	982
Husband and wife	19,956	20,253	964	1,008
Husband and other family member(s)	1,549	1,426	806	870
Wife and other family member(s)	651	580	581	578
Other family members only	140	109	548	578
Families maintained by women	7,660	7,869	385	392
One earner	5,345	5,565	301	309
Householder	4,280	4,557	311	318
Other family member	1,065	1,008	266	253
Two or more earners	2,315	2,304	622	670
Families maintained by men	2,354	2,436	520	534
One earner	1,532	1,584	433	469
Two or more earners	822	852	741	744
White				
Total families with earners ¹	37,545	37,830	718	749
Married-couple families	30,340	30,520	795	825
One earner	10,707	10,755	474	495
Husband	7,718	7,825	556	585
Wife	2,344	2,322	295	323
Two or more earners	19,633	19,765	954	996
Husband and wife	17,618	17,930	978	1,021
Families maintained by women	5,335	5,386	405	407
Families maintained by men	1,870	1,924	537	557
Black				
Total families with earners ¹	5,239	5,363	489	499
Married-couple families	2,751	2,776	653	680
One earner	887	919	317	354
Husband	470	541	400	389
Wife	340	309	280	327
Two or more earners	1,864	1,857	791	839
Husband and wife	1,657	1,686	814	854
Families maintained by women	2,119	2,196	334	344
Families maintained by men	369	391	409	398
Hispanic origin				
Total families with earners ¹	3,831	3,905	474	506
Married-couple families	2,736	2,807	515	551
One earner	1,197	1,218	318	312
Husband	950	993	342	336
Wife	167	149	260	222
Two or more earners	1,539	1,589	731	753
Husband and wife	1,191	1,243	779	803
Families maintained by women	721	752	318	375
Families maintained by men	374	346	506	429

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Type of family and relationship of unemployed members to wage and salary earners	Number of families		Median weekly earnings	
	IV 1992	IV 1993	IV 1992	IV 1993
Married-couple families ¹	3,058	2,729	\$493	\$531
Husband unemployed	1,089	958	337	378
Wife only earner	841	719	317	351
Wife and other earner(s)	164	154	591	556
Other earner(s) only	85	86	(²)	(²)
Wife unemployed	913	882	460	508
Husband only earner	813	882	460	508
Husband and other earner(s)	150	117	811	835
Other earner(s) only	17	11	(²)	(²)
Other member(s) unemployed	889	762	815	841
Husband or wife earner	349	274	553	562
Both husband and wife earners	516	459	992	992
Other combinations of earners	23	28	(²)	(²)
Families maintained by women ¹	650	507	330	340
Householder unemployed	101	92	149	(²)
Other member(s) unemployed	548	414	371	370
Families maintained by men ¹	193	183	478	540

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

either self-employed or in the Armed Forces.

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

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	IV 1992	IV 1993	IV 1992	IV 1993
SEX AND AGE				
Total, 16 years and over	83,931	85,795	\$450	\$471
Men, 16 years and over	47,858	48,781	508	520
16 to 24 years	5,219	5,302	284	293
25 years and over	42,639	43,479	540	567
Women, 16 years and over	36,073	37,014	386	400
16 to 24 years	4,038	4,048	275	281
25 years and over	32,036	32,965	402	417
FAMILY RELATIONSHIP				
Husbands	31,056	31,434	574	590
Wives	19,417	19,901	398	418
Women who maintain families	5,190	5,373	374	382
Men who maintain families	1,860	1,930	461	492
Other persons in families:				
Men	5,654	5,617	304	308
Women	3,755	3,675	299	299
All other men ¹	9,288	9,800	470	483
All other women ¹	7,712	8,064	407	423
RACE, HISPANIC ORIGIN, AND SEX				
White	71,423	72,777	468	485
Men	41,331	42,157	522	544
Women	30,092	30,621	392	408
Black	9,513	9,933	358	367
Men	4,812	4,895	379	382
Women	4,701	5,037	338	352
Hispanic origin	7,096	7,223	324	334
Men	4,561	4,640	336	351
Women	2,535	2,583	307	315

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	IV 1992	IV 1993	IV 1992	IV 1993
SEX AND AGE				
Total, 16 years and over	20,267	20,508	\$130	\$135
Men, 16 years and over	6,451	6,514	119	122
16 to 24 years	3,535	3,419	103	101
25 years and over	2,916	3,096	152	164
Women, 16 years and over	13,816	13,994	137	141
16 to 24 years	4,063	4,186	99	102
25 years and over	9,752	9,808	159	164
FAMILY RELATIONSHIP				
Husbands	1,714	1,668	151	168
Wives	7,111	6,924	166	170
Women who maintain families	1,191	1,267	145	154
Men who maintain families	117	173	163	143
Other persons in families:				
Men	3,381	3,260	103	100
Women	3,449	3,615	95	100
All other men ¹	1,239	1,414	140	154
All other women ¹	2,065	2,188	133	136
RACE, HISPANIC ORIGIN, AND SEX				
White	17,624	17,894	131	136
Men	5,503	5,483	119	123
Women	12,121	12,411	138	141
Black	1,936	1,901	124	129
Men	688	733	115	121
Women	1,248	1,168	130	133
Hispanic origin	1,311	1,506	133	136
Men	551	588	136	139
Women	760	919	131	135

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

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

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

Occupation and sex	Number of workers (in thousands)		Median weekly earnings	
	IV 1992	IV 1993	IV 1992	IV 1993
TOTAL				
Managerial and professional specialty	23,588	24,289	\$658	\$681
Executive, administrative, and managerial	11,394	11,758	645	673
Professional specialty	12,194	12,531	668	687
Technical, sales, and administrative support	25,617	25,877	411	424
Technicians and related support	3,526	3,241	512	539
Sales occupations	7,898	8,109	438	477
Administrative support, including clerical	14,193	14,526	385	397
Service occupations	8,733	9,468	283	298
Private household	324	341	184	187
Protective service	1,671	1,906	509	548
Service, except private household and protective	6,738	7,220	262	274
Precision production, craft, and repair	10,518	10,914	491	501
Mechanics and repairers	3,737	3,800	496	503
Construction trades	3,222	3,516	489	507
Other precision production, craft, and repair	3,559	3,599	487	492
Operators, fabricators, and laborers	14,121	13,905	357	369
Machine operators, assemblers, and inspectors	6,709	6,788	338	352
Transportation and material moving occupations	3,918	3,875	419	445
Handlers, equipment cleaners, helpers, and laborers	3,494	3,242	313	320
Farming, forestry, and fishing	1,354	1,342	267	286
Men				
Managerial and professional specialty	12,200	12,471	779	789
Executive, administrative, and managerial	6,334	6,576	783	792
Professional specialty	5,866	5,895	776	786
Technical, sales, and administrative support	9,812	9,733	523	555
Technicians and related support	1,924	1,692	610	659
Sales occupations	4,747	4,610	530	568
Administrative support, including clerical	3,141	3,430	486	500
Service occupations	4,250	4,838	335	349
Private household	4	39	(¹)	(¹)
Protective service	1,482	1,656	519	582
Service, except private household and protective	2,765	3,142	283	293
Precision production, craft, and repair	9,661	9,981	504	511
Mechanics and repairers	3,635	3,670	494	503
Construction trades	3,197	3,461	491	507
Other precision production, craft, and repair	2,829	2,849	534	531
Operators, fabricators, and laborers	10,732	10,573	393	406
Machine operators, assemblers, and inspectors	4,126	4,293	408	418
Transportation and material moving occupations	3,685	3,624	425	451
Handlers, equipment cleaners, helpers, and laborers	2,921	2,657	319	328
Farming, forestry, and fishing	1,203	1,185	272	288
Women				
Managerial and professional specialty	11,388	11,818	573	591
Executive, administrative, and managerial	5,060	5,182	518	527
Professional specialty	6,328	6,636	600	621
Technical, sales, and administrative support	15,805	16,144	370	380
Technicians and related support	1,602	1,549	423	466
Sales occupations	3,151	3,499	314	329
Administrative support, including clerical	11,052	11,096	369	379
Service occupations	4,483	4,629	245	261
Private household	321	301	184	183
Protective service	190	250	412	440
Service, except private household and protective	3,973	4,078	247	260
Precision production, craft, and repair	857	933	347	361
Mechanics and repairers	102	130	585	522
Construction trades	25	54	(¹)	(¹)
Other precision production, craft, and repair	730	749	327	339
Operators, fabricators, and laborers	3,389	3,332	282	284
Machine operators, assemblers, and inspectors	2,583	2,495	278	276
Transportation and material moving occupations	233	251	314	356
Handlers, equipment cleaners, helpers, and laborers	573	586	283	297
Farming, forestry, and fishing	151	158	222	272

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, age, race, and Hispanic origin	Total United States		Metropolitan areas					
	IV 1992	IV 1993	Total		Central cities		Suburbs	
			IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
TOTAL								
Civilian noninstitutional population	192,319	194,315	149,582	151,231	57,774	57,549	91,807	93,682
Civilian labor force	126,945	128,490	99,763	101,163	37,320	37,031	62,443	64,132
Percent of population	66.0	66.1	66.7	66.9	64.6	64.3	68.0	68.5
Employed	118,186	120,571	92,726	94,840	34,202	34,293	58,524	60,546
Unemployed	8,759	7,918	7,037	6,323	3,118	2,737	3,919	3,586
Unemployment rate	6.9	6.2	7.1	6.3	8.4	7.4	6.3	5.6
Not in labor force	65,374	65,825	49,818	50,069	20,454	20,518	29,364	29,550
Men, 20 years and over								
Civilian noninstitutional population	85,262	86,258	66,213	67,130	25,096	25,276	41,117	41,854
Civilian labor force	65,585	66,143	51,486	52,037	19,032	19,027	32,454	33,010
Percent of population	76.9	76.7	77.8	77.5	75.8	75.3	78.9	78.9
Employed	61,316	62,437	48,050	49,050	17,495	17,670	30,555	31,380
Unemployed	4,269	3,706	3,436	2,987	1,537	1,358	1,899	1,630
Unemployment rate	6.5	5.6	6.7	5.7	8.1	7.1	5.9	4.9
Not in labor force	19,677	20,115	14,727	15,093	6,084	6,248	8,663	8,844
Women, 20 years and over								
Civilian noninstitutional population	93,860	94,710	73,314	73,931	28,799	28,489	44,516	45,441
Civilian labor force	54,947	55,852	43,417	44,188	16,522	16,318	26,895	27,870
Percent of population	58.5	59.0	59.2	59.8	57.4	57.3	60.4	61.3
Employed	51,662	52,778	40,759	41,741	15,338	15,279	25,421	26,463
Unemployed	3,285	3,074	2,659	2,447	1,184	1,040	1,475	1,407
Unemployment rate	6.0	5.5	6.1	5.5	7.2	6.4	5.5	5.0
Not in labor force	38,913	38,858	29,897	29,743	12,277	12,171	17,620	17,572
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,196	13,347	10,054	10,171	3,879	3,784	6,175	6,387
Civilian labor force	6,413	6,495	4,860	4,938	1,766	1,665	3,094	3,253
Percent of population	48.6	48.7	48.3	48.5	45.5	44.5	50.1	50.9
Employed	5,208	5,356	3,918	4,048	1,370	1,345	2,546	2,704
Unemployed	1,205	1,139	942	889	397	340	545	549
Unemployment rate	18.8	17.5	19.4	18.0	22.5	20.2	17.6	16.9
Not in labor force	6,783	6,852	5,194	5,233	2,113	2,099	3,081	3,134
White								
Civilian noninstitutional population	163,135	164,415	124,759	125,645	42,404	41,976	82,355	83,669
Civilian labor force	108,421	109,708	83,855	84,924	27,917	27,889	55,938	57,236
Percent of population	66.5	66.7	67.2	67.6	65.8	66.0	67.9	68.4
Employed	101,928	103,753	78,772	80,295	26,061	26,029	52,712	54,266
Unemployed	6,493	5,955	5,082	4,629	1,856	1,659	3,226	2,970
Unemployment rate	6.0	5.4	6.1	5.5	6.6	6.0	5.8	5.2
Not in labor force	54,714	54,708	40,905	40,721	14,487	14,288	26,417	26,433
Black								
Civilian noninstitutional population	22,096	22,474	18,521	19,016	12,287	12,472	6,233	6,544
Civilian labor force	13,896	13,971	11,767	11,948	7,415	7,400	4,352	4,549
Percent of population	62.9	62.2	63.5	62.8	60.3	59.3	69.8	69.5
Employed	12,012	12,380	10,149	10,577	6,303	6,476	3,845	4,101
Unemployed	1,884	1,591	1,618	1,372	1,111	923	507	448
Unemployment rate	13.6	11.4	13.8	11.5	15.0	12.5	11.7	9.9
Not in labor force	8,200	8,503	6,754	7,068	4,873	5,073	1,881	1,995
Hispanic origin								
Civilian noninstitutional population	15,421	15,966	14,271	14,739	7,795	8,133	6,476	6,806
Civilian labor force	10,156	10,533	9,431	9,741	4,971	5,187	4,460	4,554
Percent of population	65.9	66.0	66.1	66.1	63.8	63.8	68.9	68.9
Employed	9,011	9,432	8,383	8,720	4,396	4,630	3,988	4,091
Unemployed	1,145	1,101	1,047	1,020	575	557	472	463
Unemployment rate	11.3	10.5	11.1	10.5	11.6	10.7	10.6	10.2
Not in labor force	5,265	5,433	4,840	4,998	2,824	2,946	2,016	2,052

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, age, race, and Hispanic origin	Nonmetropolitan areas		Urban areas		Rural areas	
	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
TOTAL						
Civilian noninstitutional population	42,737	43,083	139,458	140,653	52,861	53,662
Civilian labor force	27,181	27,327	92,222	93,228	34,723	35,261
Percent of population	63.6	63.4	66.1	66.3	65.7	65.7
Employed	25,460	25,732	85,470	87,222	32,716	33,349
Unemployed	1,722	1,595	6,751	6,006	2,007	1,912
Unemployment rate	6.3	5.8	7.3	6.4	5.8	5.4
Not in labor force	15,556	15,756	47,236	47,424	18,138	18,400
Men, 20 years and over						
Civilian noninstitutional population	19,050	19,128	61,058	61,842	24,204	24,416
Civilian labor force	14,099	14,106	47,116	47,545	18,469	18,598
Percent of population	74.0	73.7	77.2	76.9	76.3	76.2
Employed	13,267	13,388	43,837	44,729	17,479	17,708
Unemployed	832	718	3,279	2,816	990	890
Unemployment rate	5.9	5.1	7.0	5.9	5.4	4.8
Not in labor force	4,950	5,022	13,942	14,297	5,735	5,818
Women, 20 years and over						
Civilian noninstitutional population	20,546	20,779	69,006	69,451	24,854	25,258
Civilian labor force	11,529	11,664	40,560	41,185	14,386	14,667
Percent of population	56.1	56.1	58.8	59.3	57.9	58.1
Employed	10,903	11,037	38,003	38,837	13,658	13,941
Unemployed	626	627	2,557	2,348	728	726
Unemployment rate	5.4	5.4	6.3	5.7	5.1	4.9
Not in labor force	9,016	9,115	28,446	28,267	10,468	10,591
Both sexes, 16 to 19 years						
Civilian noninstitutional population	3,142	3,176	9,394	9,359	3,803	3,988
Civilian labor force	1,553	1,557	4,545	4,499	1,868	1,996
Percent of population	49.4	49.0	48.4	48.1	49.1	50.1
Employed	1,290	1,307	3,630	3,657	1,578	1,699
Unemployed	263	250	916	842	289	297
Unemployment rate	16.9	16.0	20.1	18.7	15.5	14.9
Not in labor force	1,589	1,619	4,848	4,861	1,935	1,992
White						
Civilian noninstitutional population	38,375	38,770	114,246	114,618	48,889	49,797
Civilian labor force	24,566	24,783	76,156	76,797	32,265	32,910
Percent of population	64.0	63.9	66.7	67.0	66.0	66.1
Employed	23,156	23,458	71,423	72,545	30,505	31,208
Unemployed	1,411	1,326	4,733	4,252	1,760	1,703
Unemployment rate	5.7	5.3	6.2	5.5	5.5	5.2
Not in labor force	13,809	13,987	38,090	37,821	16,624	16,886
Black						
Civilian noninstitutional population	3,575	3,457	19,038	19,549	3,058	2,925
Civilian labor force	2,129	2,022	12,010	12,214	1,886	1,757
Percent of population	59.6	58.5	63.1	62.5	61.7	60.1
Employed	1,863	1,803	10,322	10,787	1,690	1,593
Unemployed	266	219	1,688	1,427	196	164
Unemployment rate	12.5	10.8	14.1	11.7	10.4	9.3
Not in labor force	1,446	1,435	7,028	7,335	1,172	1,168
Hispanic origin						
Civilian noninstitutional population	1,150	1,227	14,031	14,591	1,390	1,375
Civilian labor force	725	792	9,223	9,569	933	964
Percent of population	63.0	64.5	65.7	65.6	67.1	70.1
Employed	628	711	8,174	8,582	837	850
Unemployed	97	81	1,049	987	95	114
Unemployment rate	13.4	10.2	11.4	10.3	10.2	11.8
Not in labor force	425	435	4,808	5,022	457	411

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

on 1980 census designations and are not comparable to data published through the first quarter of 1984. Beginning with the first quarter of 1993, separate data are no longer available for farm and nonfarm areas.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, race, and Hispanic origin	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993	IV 1992	IV 1993
TOTAL												
Civilian noninstitutional population	26,637	26,351	165,682	167,964	16,963	16,807	132,619	134,425	9,674	9,544	33,064	33,539
Civilian labor force	15,221	14,901	111,723	113,589	9,481	9,287	90,282	91,876	5,740	5,614	21,441	21,713
Percent of population	57.1	56.5	67.4	67.6	55.9	55.3	68.1	68.3	59.3	58.8	64.8	64.7
Employed	13,480	13,382	104,706	107,189	8,197	8,169	84,529	86,670	5,282	5,213	20,177	20,519
Unemployed	1,742	1,519	7,017	6,400	1,284	1,118	5,753	5,206	458	401	1,264	1,194
Unemployment rate	11.4	10.2	6.3	5.6	13.5	12.0	6.4	5.7	8.0	7.1	5.9	5.5
Men, 20 years and over	10.5	9.2	6.0	5.1	12.6	11.2	6.1	5.2	7.3	6.0	5.5	4.9
Women, 20 years and over	10.4	9.4	5.4	5.0	12.2	10.7	5.5	5.0	7.3	7.1	4.9	4.9
Both sexes, 16 to 19 years	27.6	26.2	17.4	16.3	32.4	30.7	17.7	16.6	19.4	18.9	16.3	15.3
Men	28.5	25.9	18.7	18.2	31.6	30.5	19.3	19.0	23.7	17.5	16.6	15.2
Women	26.4	26.5	16.0	14.4	33.4	30.9	16.1	14.1	13.8	20.3	15.9	15.5
Not in labor force	11,415	11,450	53,959	54,375	7,482	7,520	42,336	42,549	3,933	3,930	11,622	11,826
White												
Civilian noninstitutional population	16,253	16,207	146,882	148,208	8,983	8,986	115,776	116,659	7,269	7,222	31,106	31,549
Civilian labor force	9,604	9,532	98,817	100,176	5,217	5,207	78,638	79,718	4,387	4,325	20,179	20,458
Percent of population	59.1	58.8	67.3	67.6	58.1	57.9	67.9	68.3	60.3	59.9	64.9	64.8
Employed	8,788	8,744	93,139	95,009	4,687	4,676	74,086	75,619	4,102	4,068	19,054	19,390
Unemployed	815	788	5,678	5,167	530	531	4,552	4,098	285	257	1,126	1,068
Unemployment rate	8.5	8.3	5.7	5.2	10.2	10.2	5.8	5.1	6.5	5.9	5.6	5.2
Men, 20 years and over	8.2	7.5	5.5	4.7	9.8	9.6	5.6	4.7	6.3	5.0	5.2	4.7
Women, 20 years and over	7.4	7.7	4.9	4.6	9.0	9.0	5.0	4.6	5.6	6.3	4.7	4.6
Both sexes, 16 to 19 years	18.8	19.5	15.2	14.7	21.9	24.3	15.2	14.6	15.1	13.4	15.4	14.8
Men	19.7	21.5	16.1	16.4	21.4	25.1	16.3	16.9	17.7	16.3	15.5	14.8
Women	17.8	17.0	14.2	12.9	22.5	23.0	14.0	12.3	11.9	9.9	15.2	14.7
Not in labor force	6,649	6,676	48,065	48,032	3,767	3,779	37,138	36,942	2,882	2,897	10,927	11,090
Black												
Civilian noninstitutional population	9,339	9,004	12,756	13,469	7,207	6,990	11,313	12,027	2,132	2,015	1,443	1,443
Civilian labor force	5,010	4,720	8,886	9,251	3,816	3,605	7,951	8,344	1,194	1,115	936	907
Percent of population	53.6	52.4	69.7	68.7	53.0	51.6	70.3	69.4	56.0	55.3	64.8	62.9
Employed	4,150	4,079	7,862	8,301	3,109	3,083	7,039	7,494	1,041	996	822	807
Unemployed	860	641	1,025	950	707	522	911	850	153	120	113	100
Unemployment rate	17.2	13.6	11.5	10.3	18.5	14.5	11.5	10.2	12.8	10.7	12.1	11.0
Men, 20 years and over	15.8	12.8	10.7	9.4	17.6	13.9	10.4	9.5	10.4	9.3	13.5	8.6
Women, 20 years and over	15.2	11.5	9.6	8.7	16.0	12.3	9.7	8.4	12.6	8.7	8.4	11.3
Both sexes, 16 to 19 years	43.0	39.4	38.9	35.7	45.7	40.5	39.2	36.2	33.8	36.5	(¹)	(¹)
Men	42.7	38.5	42.6	39.5	44.0	41.5	42.1	40.5	(¹)	(¹)	(¹)	(¹)
Women	43.4	40.1	34.9	31.5	47.8	39.5	35.7	31.4	(¹)	(¹)	(¹)	(¹)
Not in labor force	4,330	4,285	3,870	4,218	3,391	3,385	3,363	3,683	939	900	507	535
Hispanic origin												
Civilian noninstitutional population	4,438	4,593	10,983	11,373	4,050	4,170	10,220	10,569	388	424	762	803
Civilian labor force	2,499	2,587	7,657	7,946	2,273	2,353	7,157	7,388	226	234	499	558
Percent of population	56.3	56.3	69.7	69.9	56.1	56.4	70.0	69.9	58.2	55.2	65.5	69.5
Employed	2,159	2,242	6,852	7,190	1,967	2,032	6,416	6,688	192	210	436	502
Unemployed	340	345	804	756	306	321	741	700	34	24	63	56
Unemployment rate	13.6	13.3	10.5	9.5	13.5	13.6	10.4	9.5	15.0	10.3	12.7	10.1
Men, 20 years and over	12.2	12.3	9.0	8.0	12.1	12.5	8.9	8.0	13.6	10.7	9.9	7.3
Women, 20 years and over	13.6	12.5	9.9	9.3	13.5	13.0	9.7	9.2	14.2	8.9	11.7	10.7
Both sexes, 16 to 19 years	24.2	25.9	27.9	25.0	23.3	27.1	27.0	24.3	(¹)	(¹)	(¹)	(¹)
Men	24.5	24.9	25.0	22.9	23.7	25.8	23.3	22.9	(¹)	(¹)	(¹)	(¹)
Women	23.7	27.5	31.8	27.2	22.9	29.5	31.6	25.8	(¹)	(¹)	(¹)	(¹)
Not in labor force	1,939	2,007	3,326	3,427	1,777	1,817	3,063	3,181	162	190	263	245

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

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

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

**ESTABLISHMENT DATA
HISTORICAL EMPLOYMENT**

B-1. Employees on nonfarm payrolls by major industry, 1943 to date

(In thousands)

Year and month	Total	Total private	Goods-producing				Service-producing						Government		
			Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Federal	State	Local
Annual averages															
1943	42,434	36,356	20,114	925	1,587	17,602	22,320	3,647	1,828	5,154	1,481	4,130	2,905	(¹)	(¹)
1944	41,864	35,822	19,328	892	1,108	17,328	22,536	3,829	1,851	5,208	1,461	4,145	2,928	(¹)	(¹)
1945	40,374	34,431	17,507	836	1,147	15,524	22,867	3,906	1,955	5,359	1,481	4,222	2,808	(¹)	(¹)
1946	41,852	36,056	17,248	862	1,683	14,703	24,404	4,061	2,298	6,077	1,675	4,697	2,254	(¹)	(¹)
1947	43,857	38,382	18,509	955	2,009	15,545	25,348	4,186	2,478	6,477	1,728	5,025	1,892	(¹)	(¹)
1948	44,866	39,216	18,774	994	2,198	15,582	26,092	4,189	2,812	6,659	1,800	5,181	1,863	(¹)	(¹)
1949	43,754	37,897	17,565	930	2,194	14,441	28,189	4,001	2,610	6,654	1,828	5,239	1,908	(¹)	(¹)
1950	45,197	39,170	18,508	901	2,364	15,241	28,891	4,034	2,643	6,743	1,888	5,356	1,928	(¹)	(¹)
1951	47,819	41,430	19,959	929	2,637	18,393	27,860	4,226	2,735	7,007	1,958	5,547	2,302	(¹)	(¹)
1952	48,793	42,185	20,198	898	2,668	18,632	28,955	4,248	2,821	7,164	2,035	5,699	2,420	(¹)	(¹)
1953	50,202	43,558	21,074	866	2,659	17,549	29,128	4,290	2,882	7,385	2,111	5,635	2,305	(¹)	(¹)
1954	48,990	42,238	19,751	791	2,646	18,314	29,239	4,084	2,875	7,360	2,200	5,969	2,188	(¹)	(¹)
1955	50,641	43,727	20,513	792	2,639	18,862	30,128	4,141	2,934	7,601	2,298	6,240	2,187	1,168	3,558
1956	52,389	45,091	21,104	822	3,039	17,243	31,266	4,244	3,027	7,831	2,389	6,497	2,209	1,250	3,819
1957	52,853	45,239	20,964	828	2,962	17,174	31,899	4,241	3,037	7,848	2,438	6,708	2,217	1,328	4,071
1958	51,324	43,483	19,513	751	2,817	15,945	31,811	3,976	2,989	7,761	2,481	6,785	2,191	1,415	4,232
1959 ²	53,268	45,186	20,411	732	3,004	16,875	32,857	4,011	3,092	8,035	2,549	7,087	2,233	1,484	4,366
1960	54,189	45,836	20,434	712	2,926	16,796	33,755	4,004	3,153	8,238	2,628	7,378	2,270	1,536	4,547
1961	53,999	45,404	19,857	672	2,859	18,326	34,142	3,903	3,142	8,195	2,688	7,619	2,279	1,607	4,708
1962	55,549	46,660	20,451	850	2,948	16,853	35,098	3,906	3,207	8,359	2,754	7,982	2,340	1,668	4,881
1963	56,653	47,429	20,640	835	3,010	16,995	36,013	3,903	3,258	8,520	2,830	8,277	2,358	1,747	5,121
1964	56,283	48,686	21,005	834	3,097	17,274	37,278	3,951	3,347	8,812	2,911	8,660	2,348	1,856	5,392
1965	60,785	50,689	21,926	632	3,232	18,062	38,839	4,036	3,477	9,239	2,977	9,036	2,378	1,996	5,700
1966	63,901	53,116	23,158	827	3,317	19,214	40,743	4,158	3,608	9,637	3,058	9,498	2,564	2,141	6,080
1967	65,803	54,413	23,308	613	3,248	19,447	42,495	4,266	3,700	9,906	3,185	10,045	2,719	2,302	6,371
1968	67,897	56,058	23,737	606	3,350	19,781	44,160	4,318	3,791	10,308	3,337	10,567	2,737	2,442	6,660
1969	70,364	58,189	24,361	619	3,575	20,187	48,023	4,442	3,919	10,785	3,512	11,169	2,758	2,533	6,904
1970	70,880	58,325	23,578	623	3,588	19,387	47,302	4,515	4,006	11,034	3,645	11,548	2,731	2,664	7,158
1971	71,214	58,331	22,935	609	3,704	18,623	48,278	4,478	4,014	11,338	3,772	11,797	2,696	2,747	7,437
1972	73,875	60,341	23,688	628	3,889	19,151	50,007	4,541	4,127	11,822	3,906	12,276	2,684	2,859	7,790
1973	76,790	63,058	24,893	642	4,097	20,154	51,897	4,656	4,291	12,315	4,046	12,857	2,663	2,923	8,146
1974	78,285	64,095	24,794	697	4,020	20,077	53,471	4,725	4,447	12,539	4,148	13,441	2,724	3,039	8,407
1975	76,945	62,259	22,600	752	3,525	18,323	54,345	4,542	4,430	12,630	4,165	13,892	2,748	3,179	8,758
1976	79,382	64,511	23,352	779	3,576	18,997	56,030	4,582	4,562	13,193	4,271	14,551	2,733	3,273	8,865
1977	82,471	67,344	24,346	813	3,851	19,682	58,125	4,713	4,723	13,792	4,467	15,302	2,727	3,377	9,023
1978	86,897	71,028	25,585	851	4,229	20,505	61,113	4,923	4,985	14,556	4,724	16,252	2,753	3,474	9,446
1979	89,823	73,876	26,481	958	4,463	21,040	63,363	5,138	5,221	14,972	4,975	17,112	2,773	3,541	9,633
1980	90,406	74,168	25,658	1,027	4,346	20,285	64,748	5,148	5,292	15,018	5,160	17,890	2,866	3,610	9,765
1981	91,152	75,121	25,497	1,139	4,188	20,170	65,855	5,165	5,375	15,171	5,298	18,615	2,772	3,640	9,619
1982	89,544	73,707	23,812	1,128	3,904	18,760	65,732	5,081	5,295	15,158	5,340	19,021	2,739	3,640	9,458
1983	90,152	74,282	23,330	952	3,946	18,432	66,821	4,952	5,263	15,587	5,466	19,664	2,774	3,662	9,434
1984	94,408	78,384	24,718	966	4,380	19,372	69,890	5,156	5,588	16,512	5,684	20,746	2,807	3,734	9,482
1985	97,387	80,992	24,642	927	4,668	19,248	72,544	5,233	5,727	17,315	5,948	21,927	2,875	3,832	9,887
1986	99,344	82,651	24,533	777	4,810	18,947	74,811	5,247	5,761	17,880	6,273	22,957	2,899	3,893	9,901
1987	101,958	84,948	24,674	717	4,958	18,999	77,284	5,362	5,848	18,422	6,533	24,110	2,943	3,967	10,100
1988	105,210	87,824	25,125	713	5,098	19,314	80,086	5,514	6,030	19,023	6,830	25,504	2,971	4,076	10,339
1989	107,895	90,117	25,254	692	5,171	19,391	82,642	5,625	6,187	19,475	6,668	26,907	2,988	4,182	10,609
1990	109,419	91,115	24,905	709	5,120	19,076	84,514	5,793	6,173	19,601	6,709	27,934	3,085	4,305	10,914
1991	108,256	89,854	23,745	689	4,650	18,406	84,511	5,762	6,081	19,284	6,846	28,336	2,966	4,355	11,081
1992	108,519	89,866	23,142	631	4,471	18,040	85,377	5,709	6,045	19,346	6,571	29,053	2,969	4,403	11,281
1993 ^p	110,171	91,330	22,974	599	4,573	17,602	87,197	5,710	6,114	19,734	6,605	30,193	2,914	4,467	11,460
Monthly data, seasonally adjusted															
1992: December	109,079	90,313	22,985	613	4,459	17,913	88,094	5,707	6,082	19,460	6,575	29,524	2,968	4,431	11,367
1993: January	109,235	90,480	23,001	611	4,454	17,936	86,234	5,719	6,086	19,523	6,578	29,573	2,945	4,435	11,375
February	109,539	90,762	23,069	600	4,515	17,954	86,470	5,725	6,097	19,629	6,577	29,665	2,944	4,439	11,394
March	108,565	90,777	23,016	600	4,481	17,935	86,549	5,724	6,103	19,604	6,574	29,756	2,938	4,443	11,407
April	109,820	91,020	22,980	600	4,517	17,883	86,640	5,720	6,110	19,848	6,585	29,977	2,923	4,458	11,419
May	110,058	91,239	23,006	602	4,577	17,827	87,052	5,719	6,125	19,702	6,588	30,099	2,912	4,462	11,445
June	110,101	91,278	22,941	596	4,574	17,771	87,160	5,711	6,110	19,751	6,590	30,175	2,901	4,451	11,471
July	110,338	91,497	22,948	595	4,593	17,760	87,390	5,709	6,126	19,790	6,604	30,320	2,896	4,477	11,488
August	110,305	91,478	22,903	592	4,593	17,718	87,402	5,890	6,107	19,795	6,602	30,381	2,906	4,471	11,450
September	110,502	91,580	22,886	596	4,592	17,698	87,616	5,692	6,117	19,836	6,616	30,433	2,901	4,507	11,514
October	110,864	91,761	22,834	596	4,629	17,709	87,730	5,693	6,122	19,846	6,632	30,534	2,901	4,488	11,514
November ^p	110,866	91,961	22,992	594	4,663	17,735	87,874	5,703	6,128	19,833	6,854	30,651	2,893	4,489	11,523
December ^p	111,049	92,108	23,002	603	4,862	17,737	88,047	5,716	6,138	19,885	6,668	30,719	2,902	4,497	11,542

¹ Not available.

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

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1992) and all seasonally adjusted data (beginning January 1989) are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Total		109,865	109,856	111,531	111,803	111,803	-	-	-	-	-
Total private		90,698	90,783	92,374	92,494	92,550	73,742	73,833	75,348	75,456	75,455
Mining		620	613	600	598	604	441	434	424	423	428
Metal mining	10	52.4	51.7	50.9	50.6	-	41.2	40.8	41.0	40.7	-
Iron ores	101	8.5	8.5	10.2	10.0	-	6.5	6.6	8.4	8.2	-
Copper ores	102	15.1	15.1	14.8	14.9	-	12.4	12.4	12.3	12.4	-
Coal mining	12	121.1	118.5	94.5	94.8	-	97.8	95.7	73.4	73.3	-
Bituminous coal and lignite mining	122	112.5	110.1	86.3	86.7	-	90.7	88.7	66.6	66.5	-
Oil and gas extraction	13	343.2	344.3	351.8	351.2	347.1	224.4	224.4	231.7	232.0	-
Crude petroleum and natural gas	131	172.5	172.0	164.0	163.9	-	86.9	85.8	79.8	80.3	-
Oil and gas field services	138	165.2	166.5	182.3	181.9	-	133.0	134.2	147.7	147.5	-
Nonmetallic minerals, except fuels	14	103.0	98.4	102.8	101.4	-	77.5	72.9	78.1	76.8	-
Crushed and broken stone	142	38.2	36.9	38.9	38.6	-	29.5	28.2	30.7	30.4	-
Sand and gravel	144	33.4	30.8	34.0	33.2	-	-	-	-	-	-
Chemical and fertilizer minerals	147	14.7	14.4	12.9	12.9	-	-	-	-	-	-
Construction		4,572	4,383	4,874	4,775	4,578	3,523	3,344	3,819	3,719	3,523
General building contractors	15	1,069.4	1,039.1	1,101.8	1,092.0	1,072.1	759.1	731.3	789.0	780.8	-
Residential building construction	152	524.8	509.1	539.2	536.3	-	358.0	344.4	369.7	368.0	-
Operative builders	153	26.5	26.6	27.3	27.3	-	12.0	12.1	11.5	11.6	-
Nonresidential building construction	154	518.1	503.4	535.3	528.4	-	389.1	374.8	407.8	401.2	-
Heavy construction, except building	16	743.5	668.4	787.8	748.0	-	621.5	548.0	668.9	630.1	-
Highway and street construction	161	224.4	182.3	267.0	244.0	-	185.1	143.8	226.9	203.9	-
Heavy construction, except highway	162	519.1	486.1	520.6	504.0	-	436.4	404.2	442.0	426.2	-
Special trade contractors	17	2,759.2	2,675.6	2,984.6	2,934.9	-	2,142.1	2,064.2	2,360.6	2,308.4	-
Plumbing, heating, and air conditioning	171	609.4	604.9	637.8	630.5	-	443.0	439.4	470.6	462.3	-
Painting and paper hanging	172	159.8	151.5	186.2	178.3	-	131.6	123.6	157.7	149.3	-
Electrical work	173	502.6	502.0	524.1	525.2	-	387.8	387.5	407.3	408.0	-
Masonry, stonework, and plastering	174	413.4	388.0	443.5	434.2	-	354.1	329.0	382.2	372.4	-
Carpentry and floor work	175	172.0	169.9	182.0	180.9	-	126.1	125.1	137.4	136.6	-
Roofing, siding, and sheet metal work	176	197.9	192.5	220.6	218.1	-	157.1	151.4	179.2	176.7	-
Manufacturing		17,994	17,928	17,835	17,803	17,745	12,237	12,188	12,207	12,184	12,130
Durable goods		10,186	10,152	10,044	10,052	10,041	6,788	6,767	6,749	6,759	6,761
Lumber and wood products	24	681.1	676.9	698.5	695.5	691.3	559.9	555.5	577.1	573.5	569.8
Logging	241	78.5	76.8	79.7	77.3	-	64.6	62.8	65.8	63.5	-
Sawmills and planing mills	242	176.7	176.6	177.4	176.4	-	153.1	153.0	153.7	153.1	-
Sawmills and planing mills, general	2421	141.4	141.2	141.6	140.5	-	122.2	122.0	122.6	121.9	-
Hardwood dimension and flooring mills	2426	33.3	33.3	33.7	33.8	-	29.2	29.2	29.4	29.5	-
Millwork, plywood, and structural members	243	242.8	240.7	249.6	249.5	-	194.4	192.3	201.0	200.3	-
Millwork	2431	101.0	100.0	103.2	103.6	-	78.6	77.7	80.6	80.8	-
Wood kitchen cabinets	2434	67.4	67.2	69.2	69.7	-	53.2	53.1	55.4	55.6	-
Hardwood veneer and plywood	2435	22.3	22.1	22.9	22.8	-	19.2	19.0	19.6	19.5	-
Softwood veneer and plywood	2436	27.3	27.3	27.1	26.6	-	24.6	24.5	24.5	23.9	-
Wood containers	244	42.8	42.1	43.9	44.2	-	35.9	35.3	37.3	37.6	-
Wood buildings and mobile homes	245	59.5	59.5	65.9	66.0	-	46.2	46.1	52.0	52.1	-
Mobile homes	2451	43.3	43.6	49.4	49.7	-	36.0	36.2	41.3	41.5	-
Miscellaneous wood products	249	80.8	81.2	82.0	82.1	-	65.7	66.0	67.3	66.9	-
Furniture and fixtures	25	479.8	478.8	485.5	486.5	486.6	378.4	378.0	384.6	385.3	385.1
Household furniture	251	272.4	273.1	274.4	275.4	-	227.2	227.7	229.6	230.8	-
Wood household furniture	2511	121.8	122.4	122.5	122.8	-	104.5	105.0	105.2	105.8	-
Upholstered household furniture	2512	87.5	87.8	88.1	89.0	-	72.8	73.1	73.8	74.6	-
Metal household furniture	2514	20.6	20.3	20.2	20.6	-	16.6	16.3	16.5	16.9	-
Mattresses and bedsprings	2515	28.3	28.5	29.6	29.2	-	21.6	21.8	22.6	22.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Durable goods—Continued											
Furniture and fixtures—Continued											
Office furniture	252	63.0	62.5	62.8	63.5	-	45.9	46.1	46.2	46.6	-
Public building and related furniture	253	35.2	34.8	35.6	35.8	-	27.6	27.5	28.4	28.4	-
Partitions and fixtures	254	75.1	74.4	78.0	76.9	-	54.9	54.1	57.4	56.3	-
Miscellaneous furniture and fixtures	259	34.1	34.0	34.7	34.9	-	22.8	22.6	23.0	23.2	-
Stone, clay, and glass products	32	516.3	507.3	522.3	519.7	510.8	399.3	390.4	404.2	402.2	394.1
Flat glass	321	14.4	14.3	14.2	14.2	-	11.2	11.2	10.9	11.0	-
Glass and glassware, pressed or blown	322	79.7	78.9	78.7	77.9	-	67.2	66.4	66.2	65.2	-
Glass containers	3221	35.8	35.7	34.7	34.5	-	32.0	31.9	31.1	30.8	-
Pressed and blown glass, nec	3229	43.9	43.2	44.0	43.4	-	35.2	34.5	35.1	34.4	-
Products of purchased glass	323	59.0	58.9	59.3	59.4	-	44.6	44.6	45.0	45.2	-
Cement, hydraulic	324	17.2	17.0	16.8	16.8	-	13.3	13.1	12.8	12.8	-
Structural clay products	325	31.5	30.6	31.4	30.9	-	24.7	23.6	24.2	23.9	-
Pottery and related products	326	37.7	37.6	38.3	38.4	-	29.6	29.5	30.0	30.3	-
Concrete, gypsum, and plaster products	327	189.5	182.9	196.3	195.3	-	143.9	137.6	150.1	149.0	-
Concrete block and brick	3271	16.7	16.3	16.8	16.9	-	10.7	10.3	10.7	10.6	-
Concrete products, nec	3272	63.0	61.9	63.8	63.4	-	46.9	46.0	47.8	47.4	-
Ready-mixed concrete	3273	92.9	87.9	98.8	98.2	-	73.1	68.1	78.4	77.6	-
Misc. nonmetallic mineral products	329	73.8	73.7	73.8	73.4	-	55.1	54.7	55.1	55.1	-
Abrasive products	3291	19.3	19.4	19.4	19.3	-	14.2	14.2	14.5	14.6	-
Asbestos products	3292	3.0	3.1	2.9	2.9	-	2.4	2.4	2.3	2.3	-
Mineral wool	3296	21.7	21.5	21.5	21.3	-	-	-	-	-	-
Primary metal industries	33	685.8	684.4	673.6	675.0	676.3	519.9	520.2	514.5	515.3	516.9
Blast furnaces and basic steel products	331	244.3	243.5	236.0	236.9	237.2	184.7	185.0	180.4	180.5	180.9
Blast furnaces and steel mills	3312	181.2	180.6	173.1	173.7	-	137.2	137.6	133.4	133.2	-
Steel pipe and tubes	3317	24.7	24.7	25.0	25.3	-	18.4	18.6	18.4	18.6	-
Iron and steel foundries	332	120.3	119.4	118.1	118.6	-	96.4	95.7	94.4	95.0	-
Gray and ductile iron foundries	3321	75.4	75.3	75.4	76.1	-	61.1	61.0	60.7	61.5	-
Malleable iron foundries	3322	6.1	5.7	5.8	5.9	-	5.0	4.6	4.6	4.7	-
Steel foundries, nec	3325	24.0	24.0	24.2	24.2	-	18.8	18.8	19.3	19.2	-
Primary nonferrous metals	333	43.5	43.6	41.6	41.2	-	33.1	33.2	31.5	30.9	-
Primary aluminum	3334	25.4	25.5	23.9	23.6	-	20.1	20.2	18.7	18.4	-
Nonferrous rolling and drawing	335	160.3	160.3	159.9	159.8	-	116.0	116.5	116.7	116.8	-
Copper rolling and drawing	3351	22.4	22.4	22.2	22.4	-	17.0	17.0	16.9	17.1	-
Aluminum sheet, plate, and foil	3353	24.2	24.2	23.1	23.2	-	16.2	16.4	15.5	15.7	-
Nonferrous wire drawing and insulating	3357	67.7	68.1	68.8	68.8	-	49.4	49.9	50.3	50.3	-
Nonferrous foundries (castings)	336	76.7	76.8	76.7	77.0	-	60.4	60.5	61.7	62.1	-
Aluminum foundries	3365	22.3	22.1	22.2	22.4	-	17.7	17.5	17.9	18.1	-
Fabricated metal products	34	1,320.6	1,316.5	1,318.5	1,320.2	1,321.1	972.0	968.6	976.6	979.8	981.9
Metal cans and shipping containers	341	43.4	42.6	41.3	41.4	-	37.2	36.5	35.4	35.4	-
Metal cans	3411	34.6	34.0	33.0	33.0	-	30.2	29.7	28.7	28.7	-
Cutlery, handtools, and hardware	342	122.9	122.9	123.4	123.7	-	91.0	91.0	91.7	92.2	-
Hand and edge tools, and blades and handsaws	3423.5	40.9	40.9	41.6	41.7	-	30.2	30.2	31.4	31.7	-
Hardware, nec	3429	70.5	70.6	69.9	70.1	-	52.9	53.0	52.2	52.4	-
Plumbing and heating, except electric	343	57.3	57.0	58.3	58.6	-	41.0	40.6	42.0	42.4	-
Plumbing fixture fittings and trim	3432	24.1	24.4	24.2	24.3	-	18.0	18.2	17.9	18.1	-
Heating equipment, except electric	3433	20.3	19.9	20.8	20.8	-	13.6	13.0	14.0	14.0	-
Fabricated structural metal products	344	388.5	385.7	391.7	389.6	-	275.0	272.6	280.2	279.1	-
Fabricated structural metal	3441	67.0	66.4	66.5	65.9	-	48.0	47.3	47.1	46.8	-
Metal doors, sash, and trim	3442	70.3	69.4	71.6	71.8	-	50.8	50.1	52.5	52.5	-
Fabricated plate work (boiler shops)	3443	97.3	97.3	95.5	94.1	-	65.8	65.7	65.6	65.1	-
Sheet metal work	3444	91.3	91.0	94.4	94.4	-	68.4	68.3	71.5	71.5	-
Architectural metal work	3446	26.3	25.9	25.6	25.4	-	18.3	18.0	18.1	18.0	-
Screw machine products, bolts, etc	345	88.9	89.3	89.8	90.0	-	68.1	68.4	68.9	69.1	-
Screw machine products	3451	44.6	44.8	45.9	46.0	-	36.3	36.4	37.2	37.3	-
Bolts, nuts, rivets, and washers	3452	44.3	44.5	43.9	44.0	-	31.8	32.0	31.7	31.8	-
Metal forgings and stampings	346	219.8	219.2	219.8	221.2	-	175.2	174.9	176.1	177.2	-
Iron and steel forgings	3462	28.7	28.5	28.8	28.9	-	21.8	21.7	22.0	22.1	-
Automotive stampings	3465	100.4	100.2	99.9	100.7	-	85.1	85.1	84.7	85.2	-
Metal stampings, nec	3469	78.6	78.4	79.7	80.1	-	59.4	59.2	61.1	61.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Durable goods—Continued											
Fabricated metal products—Continued											
Metal services, nec	347	114.5	114.8	114.4	115.1	-	88.3	88.6	89.2	89.8	-
Plating and polishing	3471	71.9	72.1	71.8	72.1	-	55.3	55.7	55.9	56.1	-
Metal coating and allied services	3479	42.6	42.7	42.6	43.0	-	33.0	32.9	33.3	33.7	-
Ordnance and accessories, nec	348	62.9	63.0	56.4	55.6	-	35.8	35.8	31.5	31.1	-
Ammunition, except for small arms, nec	3483	38.9	39.0	33.5	32.9	-	19.3	19.4	16.2	15.9	-
Miscellaneous fabricated metal products	349	222.4	222.0	223.4	225.0	-	160.4	160.2	161.6	163.5	-
Valves and pipe fittings, nec	3494	24.0	23.8	23.6	24.0	-	17.2	17.3	17.4	17.7	-
Misc. fabricated wire products	3496	51.6	51.4	52.3	52.2	-	38.9	38.7	39.7	39.9	-
Industrial machinery and equipment	35	1,910.3	1,912.9	1,888.2	1,895.5	1,900.9	1,146.4	1,150.4	1,147.0	1,153.3	1,161.7
Engines and turbines	351	88.4	88.6	88.4	88.9	-	55.3	55.7	55.2	55.5	-
Turbines and turbine generator sets	3511	28.6	28.6	28.5	28.7	-	16.8	16.9	16.6	16.7	-
Internal combustion engines, nec	3519	59.8	60.0	59.9	60.2	-	38.5	38.8	38.6	38.8	-
Farm and garden machinery	352	91.9	94.3	97.3	98.7	-	65.0	67.2	70.6	72.0	-
Farm machinery and equipment	3523	67.0	68.4	71.6	72.1	-	45.9	47.1	50.6	51.2	-
Construction and related machinery	353	204.9	204.6	207.8	208.5	-	123.0	123.0	128.3	128.6	-
Construction machinery	3531	76.9	76.7	78.4	79.0	-	45.9	45.8	48.8	49.3	-
Mining machinery	3532	15.7	14.8	14.5	14.5	-	9.4	8.9	8.5	8.5	-
Oil and gas field machinery	3533	37.4	37.3	37.7	37.6	-	23.7	23.6	24.9	24.7	-
Conveyors and conveying equipment	3535	33.2	34.0	35.0	35.2	-	18.2	18.8	19.7	19.7	-
Industrial trucks and tractors	3537	24.7	24.8	25.8	25.9	-	16.4	16.6	17.0	17.1	-
Metalworking machinery	354	304.1	305.7	305.3	306.1	-	214.2	215.5	214.0	214.8	-
Machine tools, metal cutting types	3541	37.1	37.2	36.4	36.6	-	22.9	22.9	22.1	22.3	-
Machine tools, metal forming types	3542	15.1	15.1	15.0	15.1	-	9.4	9.4	9.2	9.3	-
Special dies, tools, jigs, and fixtures	3544	139.8	140.7	142.0	142.6	-	106.6	107.6	108.3	108.8	-
Machine tool accessories	3545	48.7	48.8	47.9	48.2	-	34.1	34.2	33.1	33.2	-
Power driven handtools	3546	23.5	23.5	23.8	23.8	-	15.8	15.8	16.0	16.0	-
Special industry machinery	355	146.6	146.7	146.0	146.4	-	84.3	84.3	82.9	83.6	-
Textile machinery	3552	15.3	15.4	15.8	15.7	-	10.1	10.2	10.5	10.5	-
Printing trades machinery	3555	21.3	21.1	20.0	20.0	-	11.4	11.3	10.1	10.4	-
Food products machinery	3556	22.7	22.9	22.4	22.7	-	13.5	13.5	13.4	13.5	-
General industrial machinery	356	234.5	233.9	231.4	232.2	-	149.1	148.9	146.3	146.5	-
Pumps and pumping equipment	3561	31.0	30.9	29.9	29.8	-	17.3	17.3	16.4	16.2	-
Ball and roller bearings	3562	38.2	38.1	35.9	36.0	-	30.4	30.3	28.3	28.3	-
Air and gas compressors	3563	25.2	25.1	24.5	24.7	-	13.7	13.8	12.8	13.0	-
Blowers and fans	3564	31.0	30.9	31.8	31.8	-	21.1	20.9	21.5	21.6	-
Speed changers, drives, and gears	3566	15.9	15.9	16.1	16.0	-	11.2	11.2	11.3	11.2	-
Power transmission equipment, nec	3568	19.2	19.3	19.4	19.6	-	12.7	12.8	12.9	13.0	-
Computer and office equipment	357	382.3	379.8	349.4	349.2	-	127.4	126.8	116.4	116.9	-
Electronic computers	3571	231.0	228.1	198.8	198.9	-	58.7	58.2	51.2	51.2	-
Computer terminals, calculators, and office machines, nec	3575,8,9	58.0	57.9	55.8	55.8	-	26.5	26.3	23.2	23.2	-
Refrigeration and service machinery	358	169.8	170.2	176.1	177.8	-	118.6	118.5	123.5	124.9	-
Refrigeration and heating equipment	3585	114.7	115.1	118.5	120.2	-	84.1	84.2	87.0	88.4	-
Misc. industrial and commercial machinery	359	287.8	289.1	286.5	287.7	-	209.5	210.5	209.8	210.5	-
Carburetors, pistons, rings, valves	3592	20.6	20.7	20.7	21.0	-	16.5	16.6	16.7	16.8	-
Scales, balances, and industrial machinery, nec	3596,9	224.1	225.4	224.1	224.9	-	168.1	169.1	168.8	169.3	-
Electronic and other electrical equipment	36	1,521.2	1,518.0	1,514.7	1,520.8	1,526.6	970.5	968.3	971.5	975.3	980.8
Electric distribution equipment	361	82.8	82.8	79.9	80.1	-	56.8	57.0	55.4	55.8	-
Transformers, except electronic	3612	41.3	41.4	39.9	40.0	-	28.9	29.2	28.4	28.8	-
Switchgear and switchboard apparatus	3613	41.5	41.4	40.0	40.1	-	27.9	27.8	27.0	27.0	-
Electrical industrial apparatus	362	156.7	156.5	158.8	159.2	-	109.8	109.6	111.4	111.7	-
Motors and generators	3621	77.7	77.6	80.1	80.3	-	60.1	59.9	62.0	62.0	-
Relays and industrial controls	3625	59.8	59.6	59.3	59.4	-	36.4	36.2	35.5	35.6	-
Household appliances	363	115.4	115.4	123.4	125.3	-	91.8	91.4	99.1	101.2	-
Household refrigerators and freezers	3632	25.3	25.5	27.6	28.3	-	21.2	21.4	24.0	24.7	-
Household laundry equipment	3633	17.8	17.8	18.3	18.6	-	13.1	13.2	14.3	14.6	-
Electric housewares and fans	3634	29.5	29.0	32.1	32.3	-	22.7	22.0	25.5	25.7	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Durable goods—Continued											
Electronic and other electrical equipment—Continued											
Electric lighting and wiring equipment	364	174.7	174.6	172.9	174.0	-	126.4	126.4	125.6	126.1	-
Electric lamps	3641	21.1	21.2	20.7	20.7	-	17.5	17.5	16.4	16.4	-
Current-carrying wiring devices	3643	64.1	63.9	63.4	63.8	-	42.7	42.6	42.4	42.8	-
Noncurrent-carrying wiring devices	3644	19.2	19.1	19.5	19.7	-	13.8	13.9	14.3	14.3	-
Residential lighting fixtures	3645	20.6	20.5	20.4	20.6	-	15.8	15.6	15.6	15.7	-
Household audio and video equipment	365	84.3	83.0	84.5	84.8	-	56.5	55.0	56.6	56.8	-
Household audio and video equipment	3651	59.1	58.6	58.7	59.0	-	37.8	37.3	37.4	37.6	-
Communications equipment	366	234.8	234.5	229.4	229.7	-	120.0	119.6	116.7	117.3	-
Telephone and telegraph apparatus	3661	107.9	107.7	104.4	105.0	-	59.8	59.8	57.0	57.5	-
Electronic components and accessories	367	522.4	521.2	515.1	516.4	-	305.5	305.2	301.1	300.5	-
Electron tubes	3671	26.2	25.2	23.4	23.4	-	17.7	16.8	15.6	15.6	-
Semiconductors and related devices	3674	215.3	215.0	214.9	216.1	-	90.1	90.3	91.2	91.1	-
Electronic components, nec	3679	123.7	123.3	121.5	121.6	-	81.0	80.9	79.5	79.4	-
Misc. electrical equipment and supplies	369	150.1	150.0	150.7	151.3	-	103.7	104.1	105.6	105.9	-
Storage batteries	3691	25.2	25.3	25.3	25.2	-	19.8	19.9	19.5	19.4	-
Engine electrical equipment	3694	63.0	62.6	63.9	64.5	-	47.6	47.7	49.5	50.0	-
Transportation equipment	37	1,793.4	1,791.8	1,705.7	1,707.0	1,707.1	1,130.9	1,133.3	1,085.3	1,089.8	1,094.5
Motor vehicles and equipment	371	818.6	822.4	827.0	834.2	844.1	629.1	633.0	631.5	637.2	647.3
Motor vehicles and car bodies	3711	321.0	321.8	319.2	321.5	-	233.7	234.7	226.6	227.3	-
Truck and bus bodies	3713	33.7	34.0	35.2	35.1	-	26.5	26.9	28.0	27.8	-
Motor vehicle parts and accessories	3714	419.4	421.6	424.6	429.8	-	334.1	336.1	338.7	343.8	-
Truck trailers	3715	27.2	27.5	30.3	30.4	-	21.6	21.9	24.4	24.7	-
Aircraft and parts	372	587.2	583.2	521.2	515.6	508.9	276.1	274.5	239.2	236.5	-
Aircraft	3721	321.3	319.4	292.1	289.4	-	130.3	130.1	117.7	116.8	-
Aircraft engines and engine parts	3724	121.4	120.2	107.2	106.5	-	61.9	60.8	51.6	51.5	-
Aircraft parts and equipment, nec	3728	144.5	143.6	121.9	119.7	-	83.9	83.6	69.9	68.2	-
Ship and boat building and repairing	373	164.1	164.5	152.9	153.3	-	126.5	127.3	118.4	119.6	-
Ship building and repairing	3731	118.9	119.5	107.9	108.5	-	89.8	90.8	81.4	82.7	-
Boat building and repairing	3732	45.2	45.0	45.0	44.8	-	36.7	36.5	37.0	36.9	-
Railroad equipment	374	27.8	28.1	27.3	27.6	-	20.9	21.3	20.3	20.6	-
Guided missiles, space vehicles, and parts	376	134.9	133.3	114.7	113.6	-	37.4	36.9	32.7	32.3	-
Guided missiles and space vehicles	3761	98.1	96.8	82.8	81.9	-	25.5	25.0	21.8	21.5	-
Miscellaneous transportation equipment	379	44.9	44.3	45.8	45.9	-	29.1	28.4	30.8	31.2	-
Travel trailers and campers	3792	17.4	17.6	18.9	19.4	-	14.1	14.3	15.4	15.8	-
Instruments and related products	38	909.2	904.8	869.1	865.6	862.5	446.3	444.2	423.3	422.2	421.1
Search and navigation equipment	381	217.2	215.6	195.9	194.2	-	69.0	69.1	61.1	60.4	-
Measuring and controlling devices	382	284.7	283.8	272.3	271.9	-	148.5	147.3	138.7	138.6	-
Environmental controls	3822	43.1	42.9	41.2	41.3	-	29.3	29.1	27.2	27.3	-
Process control instruments	3823	57.6	57.3	56.0	55.6	-	27.4	27.2	26.4	26.0	-
Instruments to measure electricity	3825	74.7	74.5	70.6	70.5	-	36.1	35.8	33.2	33.2	-
Medical instruments and supplies	384	265.2	265.0	264.1	263.3	-	154.7	155.0	151.8	152.0	-
Surgical and medical instruments	3841	107.5	107.8	110.3	109.9	-	64.5	65.0	65.4	65.5	-
Surgical appliances and supplies	3842	97.0	97.2	94.4	94.0	-	62.9	62.9	59.9	59.9	-
Ophthalmic goods	385	38.1	37.7	38.1	37.9	-	25.6	25.3	25.9	25.7	-
Photographic equipment and supplies	386	94.8	94.0	90.2	89.9	-	40.9	40.4	39.0	38.7	-
Watches, clocks, watchcases, and parts	387	9.2	8.7	8.5	8.4	-	7.6	7.1	6.8	6.8	-
Miscellaneous manufacturing industries	39	368.0	360.6	368.1	366.1	357.9	264.4	257.8	264.8	262.0	255.5
Jewelry, silverware, and plated ware	391	51.7	50.8	51.6	51.3	-	37.3	36.5	37.2	36.8	-
Jewelry, precious metal	3911	38.1	37.6	38.6	38.6	-	27.3	26.9	27.8	27.6	-
Musical instruments	393	13.0	13.0	13.2	13.2	-	10.7	10.7	10.7	10.6	-
Toys and sporting goods	394	108.5	104.7	106.5	107.1	-	79.4	75.2	76.3	76.5	-
Dolls, games, toys, and children's vehicles	3942,4	44.0	40.9	43.9	44.2	-	31.8	28.5	30.7	30.7	-
Sporting and athletic goods, nec	3949	64.5	63.8	62.6	62.9	-	47.6	46.7	45.6	45.8	-
Pens, pencils, office, and art supplies	395	32.1	31.7	30.8	30.8	-	21.0	20.9	20.6	20.4	-
Costume jewelry and notions	396	30.9	29.5	30.0	29.8	-	22.1	21.3	22.9	22.8	-
Costume jewelry	3961	19.1	17.8	18.3	18.2	-	13.1	12.4	13.8	13.8	-
Miscellaneous manufactures	399	131.8	130.9	136.0	133.9	-	93.9	93.2	97.1	94.9	-
Signs and advertising specialties	3993	53.2	52.9	55.1	54.6	-	36.8	36.2	37.5	37.0	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Nondurable goods		7,808	7,776	7,791	7,751	7,704	5,449	5,421	5,458	5,425	5,369
Food and kindred products	20	1,658.8	1,635.8	1,696.1	1,659.5	1,631.6	1,211.9	1,190.6	1,249.1	1,217.0	1,180.5
Meat products	201	443.2	444.0	448.5	449.9	-	376.4	377.1	382.1	383.6	-
Meat packing plants	2011	137.5	137.8	135.2	134.9	-	115.4	115.6	114.2	114.1	-
Sausages and other prepared meats	2013	90.7	90.7	92.4	93.3	-	68.5	68.6	71.2	72.0	-
Poultry slaughtering and processing	2015	215.0	215.5	220.9	221.7	-	192.5	192.9	196.7	197.5	-
Dairy products	202	151.5	150.3	150.0	149.8	-	95.2	94.5	93.8	94.3	-
Cheese, natural and processed	2022	40.5	40.4	39.4	39.4	-	32.5	32.4	31.7	31.7	-
Fluid milk	2026	70.0	69.1	69.3	69.4	-	36.3	35.8	36.1	36.4	-
Preserved fruits and vegetables	203	236.0	220.2	264.3	234.9	-	196.8	181.1	223.9	194.9	-
Canned specialties	2032	22.8	22.8	25.0	23.5	-	19.0	19.0	21.1	19.5	-
Canned fruits and vegetables	2033	73.1	65.3	89.4	73.8	-	60.2	52.5	75.6	60.3	-
Frozen fruits and vegetables	2037	49.9	44.6	55.5	47.0	-	44.0	38.8	49.7	41.2	-
Grain mill products	204	123.2	123.8	125.0	123.4	-	87.7	88.3	89.8	88.8	-
Flour and other grain mill products	2041	20.0	19.9	20.9	20.4	-	13.4	13.3	14.4	14.3	-
Prepared feeds, nec	2048	41.8	41.9	41.7	41.2	-	27.0	27.1	26.7	26.5	-
Bakery products	205	210.0	207.5	209.8	211.3	-	136.4	134.0	136.7	138.3	-
Bread, cake, and related products	2051	149.4	148.4	148.0	149.5	-	89.4	88.6	88.3	89.6	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	60.6	59.1	61.8	61.8	-	47.0	45.4	48.4	48.7	-
Sugar and confectionery products	206	114.1	109.3	114.5	112.4	-	90.9	86.5	91.1	89.0	-
Raw cane sugar	2061	9.8	9.5	9.0	10.3	-	7.9	7.7	7.1	8.3	-
Cane sugar refining	2062	4.7	4.6	4.8	4.8	-	3.3	3.2	3.5	3.4	-
Beet sugar	2063	10.9	10.0	15.5	11.7	-	9.7	8.9	13.9	10.2	-
Candy and other confectionery products	2064	57.3	54.2	54.5	55.6	-	46.9	43.9	44.3	45.3	-
Fats and oils	207	32.5	31.6	31.8	31.3	-	22.2	21.8	21.1	21.4	-
Beverages	208	173.7	174.2	177.5	176.0	-	76.2	76.8	81.1	80.6	-
Malt beverages	2082	38.9	39.6	38.1	37.7	-	23.2	23.8	23.5	23.7	-
Bottled and canned soft drinks	2086	92.8	92.8	96.0	95.9	-	32.9	33.0	36.6	36.6	-
Misc. food and kindred products	209	174.6	174.9	174.7	170.5	-	130.1	130.5	129.5	126.1	-
Tobacco products	21	47.7	51.5	48.0	47.7	48.9	35.7	39.5	36.8	36.5	37.1
Cigarettes	211	34.2	34.2	32.0	32.1	-	25.8	25.8	24.2	24.3	-
Textile mill products	22	671.7	670.3	665.9	663.4	660.9	574.0	572.6	566.6	564.8	561.9
Broadwoven fabric mills, cotton	221	86.4	86.2	85.0	85.1	-	76.6	76.6	75.4	75.7	-
Broadwoven fabric mills, synthetics	222	69.0	69.2	68.4	67.6	-	58.8	58.9	57.8	57.5	-
Broadwoven fabric mills, wool	223	17.3	17.3	17.7	17.4	-	14.4	14.4	14.9	14.8	-
Narrow fabric mills	224	21.4	21.5	21.7	21.5	-	18.0	18.1	18.3	18.1	-
Knitting mills	225	201.1	200.1	194.6	193.2	-	175.2	174.2	168.3	166.8	-
Women's hosiery, except socks	2251	29.2	29.2	26.6	26.5	-	26.0	26.1	23.4	23.3	-
Hosiery, nec	2252	38.7	38.7	39.2	39.7	-	34.8	34.9	35.2	35.7	-
Knit outerwear mills	2253	58.8	57.9	55.9	54.5	-	51.5	50.6	48.5	47.0	-
Knit underwear mills	2254	27.2	27.0	25.7	25.1	-	23.6	23.3	22.2	21.7	-
Weft knit fabric mills	2257	26.7	26.7	25.9	25.9	-	22.7	22.6	21.7	21.7	-
Textile finishing, except wool	226	67.6	67.8	69.1	68.1	-	55.9	56.1	56.7	55.9	-
Finishing plants, cotton	2261	30.4	30.7	31.4	31.7	-	25.5	25.7	26.1	26.4	-
Finishing plants, synthetics	2262	23.4	23.4	23.7	22.8	-	18.8	18.8	18.9	18.1	-
Carpets and rugs	227	60.1	60.1	61.3	61.9	-	48.9	48.8	49.2	49.7	-
Yarn and thread mills	228	98.1	97.8	96.7	97.2	-	87.6	87.3	86.4	87.0	-
Yarn spinning mills	2281	77.9	78.0	76.7	77.1	-	70.1	70.1	69.0	69.6	-
Throwing and winding mills	2282	13.7	13.3	13.4	13.4	-	11.8	11.5	11.6	11.6	-
Miscellaneous textile goods	229	50.7	50.3	51.4	51.4	-	38.6	38.2	39.6	39.3	-
Apparel and other textile products	23	1,002.2	994.5	971.4	966.8	954.8	839.8	832.5	813.9	811.1	800.3
Men's and boys' suits and coats	231	44.3	44.8	43.2	43.2	-	37.1	37.3	36.0	36.0	-
Men's and boys' furnishings	232	279.3	276.8	271.4	271.6	-	240.8	238.7	234.2	234.5	-
Men's and boys' shirts	2321	67.7	67.5	62.9	62.6	-	58.1	58.2	54.1	53.8	-
Men's and boys' trousers and slacks	2325	84.3	83.2	83.6	83.4	-	73.7	72.7	73.2	72.8	-
Men's and boys' work clothing	2326	40.9	40.7	41.2	41.5	-	35.9	35.5	36.0	36.4	-
Women's and misses' outerwear	233	309.9	306.4	291.6	287.1	-	259.3	256.0	243.5	239.4	-
Women's and misses' blouses and shirts	2331	34.7	34.7	31.8	31.5	-	28.2	28.1	25.7	25.3	-
Women's, juniors', and misses' dresses	2335	52.8	51.7	48.4	46.7	-	42.3	41.4	38.8	37.1	-
Women's and misses' suits and coats	2337	31.1	29.5	31.0	29.5	-	25.9	24.3	25.8	24.6	-
Women's and misses' outerwear, nec	2339	191.3	190.5	180.4	179.4	-	162.9	162.2	153.2	152.4	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	57.6	56.7	55.3	55.3	-	47.7	46.8	45.8	45.8	-
Women's and children's underwear	2341	46.1	44.6	43.3	43.3	-	39.2	38.0	37.3	37.3	-
Brassieres, girdles, and allied garments	2342	11.5	12.1	12.0	12.0	-	8.5	8.8	8.5	8.5	-
Girls' and children's outerwear	236	47.1	47.7	44.2	43.8	-	40.1	40.4	37.1	37.1	-
Girls' and children's dresses and blouses	2361	18.9	19.3	18.1	17.9	-	16.4	16.6	15.1	15.1	-
Misc. apparel and accessories	238	41.0	40.1	40.2	39.4	-	33.4	32.5	32.7	32.1	-
Misc. fabricated textile products	239	202.5	201.3	203.9	205.1	-	164.6	163.6	166.7	168.4	-
Curtains and draperies	2391	20.6	20.1	19.5	19.7	-	17.0	16.4	15.5	15.7	-
House furnishings, nec	2392	53.0	52.2	51.7	51.9	-	44.7	44.0	44.1	44.3	-
Automotive and apparel trimmings	2396	52.6	52.9	53.5	54.5	-	42.7	42.9	43.2	44.7	-
Paper and allied products	26	687.5	686.1	677.0	675.8	675.5	517.7	516.9	511.4	510.7	510.9
Paper mills	262	171.7	171.7	166.4	166.1	-	130.4	130.5	126.9	126.9	-
Paperboard mills	263	51.5	51.7	50.9	50.9	-	39.5	39.7	39.2	39.1	-
Paperboard containers and boxes	265	212.5	212.5	210.6	210.6	-	166.5	166.6	164.8	164.9	-
Corrugated and solid fiber boxes	2653	122.3	122.8	122.1	122.7	-	92.2	92.7	92.3	93.0	-
Sanitary food containers	2656	15.7	15.7	15.9	15.9	-	13.8	13.8	14.0	13.9	-
Folding paperboard boxes	2657	49.7	49.5	48.4	48.3	-	40.3	40.2	39.0	39.0	-
Misc. converted paper products	267	238.2	236.5	235.9	235.2	-	170.8	169.5	170.4	169.9	-
Paper, coated and laminated, nec	2672	44.5	44.4	44.0	43.9	-	21.3	21.2	21.1	21.0	-
Bags: plastics, laminated, and coated	2673	36.2	36.1	35.7	35.8	-	27.1	27.0	26.9	26.8	-
Envelopes	2677	23.6	23.6	23.5	23.6	-	18.2	18.2	18.3	18.4	-
Printing and publishing	27	1,506.5	1,511.0	1,503.2	1,510.8	1,512.2	832.6	837.9	826.7	830.6	828.7
Newspapers	271	454.5	454.9	452.2	454.0	-	159.3	160.0	157.3	158.2	-
Periodicals	272	123.1	124.0	125.5	125.6	-	42.7	43.3	43.1	42.7	-
Books	273	115.6	117.6	115.3	117.2	-	63.2	65.6	59.6	61.5	-
Book publishing	2731	80.0	80.8	79.4	80.6	-	34.1	35.2	30.8	31.9	-
Book printing	2732	35.6	36.8	35.9	36.6	-	29.1	30.4	28.8	29.6	-
Miscellaneous publishing	274	80.6	80.7	78.8	80.0	-	39.1	39.3	37.0	37.3	-
Commercial printing	275	530.5	532.6	532.2	536.1	-	385.1	387.1	385.2	388.2	-
Commercial printing, lithographic	2752	349.2	350.5	348.3	351.4	-	252.1	253.7	250.5	253.2	-
Commercial printing, nec	2759	162.2	163.1	164.5	165.3	-	117.5	117.9	118.9	119.3	-
Manifold business forms	276	47.8	47.7	46.9	46.9	-	33.2	33.2	33.4	33.5	-
Blankbooks and bookbinding	278	68.1	67.9	67.1	66.5	-	51.4	51.1	51.1	50.3	-
Printing trade services	279	59.9	60.0	58.5	58.2	-	43.3	43.4	42.6	42.4	-
Chemicals and allied products	28	1,079.3	1,079.6	1,067.3	1,064.2	1,062.6	559.0	559.5	570.8	570.9	570.7
Industrial inorganic chemicals	281	136.5	136.6	134.5	133.4	-	60.0	59.7	58.1	57.8	-
Industrial inorganic chemicals, nec	2819	88.5	88.6	87.1	86.0	-	40.5	40.1	38.8	38.7	-
Plastics materials and synthetics	282	171.5	170.6	165.7	165.8	-	102.2	101.3	107.3	108.4	-
Plastics materials and resins	2821	83.4	83.5	81.4	81.4	-	50.9	51.0	51.2	51.5	-
Organic fibers, noncellulosic	2824	60.3	59.5	57.1	57.1	-	33.2	32.3	37.4	38.2	-
Drugs	283	258.4	259.0	261.4	261.9	-	112.1	112.9	116.1	116.1	-
Pharmaceutical preparations	2834	212.6	213.0	215.5	216.3	-	95.2	95.5	97.4	97.7	-
Soap, cleaners, and toilet goods	284	152.7	153.7	154.7	153.7	-	91.6	92.4	96.3	95.4	-
Soap and other detergents	2841	42.3	42.4	41.8	42.0	-	26.2	26.1	25.3	25.3	-
Polishing, sanitation, and finishing preparations	2842,3	42.6	42.7	42.5	42.5	-	23.2	23.7	24.7	24.9	-
Toilet preparations	2844	67.8	68.6	70.4	69.2	-	42.2	42.6	46.3	45.2	-
Paints and allied products	285	58.4	58.3	57.8	57.7	-	30.5	30.5	30.3	30.1	-
Industrial organic chemicals	286	152.9	152.6	148.3	147.8	-	74.9	75.2	79.1	79.6	-
Cyclic crudes and intermediates	2865	25.4	25.2	25.3	25.2	-	14.7	14.6	14.4	14.4	-
Industrial organic chemicals, nec	2869	124.2	124.1	119.8	119.4	-	57.8	58.2	62.4	62.9	-
Agricultural chemicals	287	56.4	56.4	55.9	55.8	-	33.0	33.0	32.2	32.0	-
Miscellaneous chemical products	289	92.5	92.4	89.0	88.1	-	54.7	54.5	51.4	51.5	-
Petroleum and coal products	29	157.5	154.0	155.8	155.1	151.7	103.6	100.2	102.0	101.3	97.5
Petroleum refining	291	117.6	117.1	114.5	114.4	-	75.8	75.4	73.2	73.2	-
Asphalt paving and roofing materials	295	28.1	25.1	29.7	29.1	-	21.6	18.6	22.9	22.2	-
Rubber and misc. plastics products	30	877.1	876.1	889.7	891.6	890.6	677.8	677.2	687.3	689.6	690.3
Tires and inner tubes	301	83.4	83.6	83.1	82.8	-	62.9	63.4	60.6	60.5	-
Rubber and plastics footwear	302	10.4	10.3	10.3	10.3	-	8.9	8.8	8.4	8.3	-
Hose, belting, gaskets, and packing	305	59.5	59.3	60.1	60.4	-	44.0	43.7	45.2	45.5	-
Rubber and plastics hose and belting	3052	23.3	23.2	23.2	23.3	-	18.0	17.8	18.0	18.1	-
Fabricated rubber products, nec	306	101.0	100.9	100.5	101.2	-	75.8	75.8	76.0	76.5	-
Miscellaneous plastics products, nec	308	622.8	622.0	635.7	636.9	-	486.2	485.5	497.1	498.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Nondurable goods—Continued											
Leather and leather products	31	119.7	117.1	116.5	116.3	115.1	96.6	94.2	93.5	92.9	91.5
Leather tanning and finishing	311	15.5	15.5	15.4	15.3	-	12.7	12.5	12.8	12.6	-
Footwear, except rubber	314	63.5	61.9	62.4	62.3	-	52.8	51.5	51.7	51.3	-
Men's footwear, except athletic	3143	29.5	29.4	29.4	29.3	-	23.4	23.3	22.8	22.6	-
Women's footwear, except athletic	3144	22.2	21.8	21.7	21.7	-	19.2	18.9	18.9	18.7	-
Luggage	316	10.3	10.3	9.9	9.7	-	7.4	7.4	7.2	7.1	-
Handbags and personal leather goods	317	12.6	11.8	11.7	11.6	-	9.3	8.5	8.3	8.1	-
Transportation and public utilities		5,744	5,759	5,748	5,745	5,767	4,812	4,830	4,823	4,816	4,835
Transportation		3,530	3,549	3,558	3,559	3,583	-	-	-	-	-
Railroad transportation	40	252.9	251.5	248.7	247.6	-	-	-	-	-	-
Class I railroads ²	4011	220.0	218.8	216.4	215.1	-	-	-	-	-	-
Local and interurban passenger transit	41	379.7	378.1	385.2	383.3	-	350.1	347.9	354.9	352.2	-
Local and suburban transportation	411	160.3	160.4	161.9	161.8	-	146.0	145.9	147.6	146.6	-
Taxicabs	412	29.3	29.2	28.7	29.0	-	-	-	-	-	-
Intercity and rural bus transportation	413	22.8	22.4	22.5	21.9	-	20.2	19.8	20.0	19.5	-
School buses	415	139.4	138.9	144.2	143.5	-	-	-	-	-	-
Trucking and warehousing	42	1,632.9	1,658.0	1,658.7	1,666.0	1,684.5	1,425.2	1,451.7	1,446.4	1,448.9	-
Trucking and courier services, except air	421	1,502.2	1,530.2	1,526.9	1,534.3	-	1,314.5	1,343.7	1,335.2	1,337.6	-
Public warehousing and storage	422	127.4	124.5	128.5	128.4	-	107.7	105.0	108.3	108.3	-
Water transportation	44	167.5	166.9	166.7	163.6	-	-	-	-	-	-
Water transportation of freight, nec	444	13.8	13.8	12.5	12.6	-	-	-	-	-	-
Water transportation services	449	104.6	104.1	104.7	103.0	-	92.6	91.9	92.5	91.1	-
Transportation by air	45	731.1	729.5	732.4	733.0	736.9	-	-	-	-	-
Air transportation, scheduled	451	603.1	601.0	605.5	606.3	-	-	-	-	-	-
Air transportation, scheduled	4512	497.3	495.1	492.1	490.0	-	-	-	-	-	-
Airports, flying fields, and services	458	98.4	99.7	97.8	97.9	-	-	-	-	-	-
Pipelines, except natural gas	46	18.6	18.4	17.4	17.4	-	14.1	14.0	13.5	13.5	-
Transportation services	47	346.8	346.1	349.0	348.1	-	272.3	271.7	274.5	273.5	-
Passenger transportation arrangement	472	183.4	182.4	185.7	184.8	-	142.8	142.1	146.7	146.1	-
Travel agencies	4724	145.9	144.9	150.2	150.0	-	112.7	112.1	117.9	117.7	-
Freight transportation arrangement	473	132.3	132.9	131.4	131.4	-	103.9	104.4	101.4	101.1	-
Communications and public utilities		2,214	2,210	2,190	2,186	2,184	-	-	-	-	-
Communications	48	1,267.2	1,264.4	1,248.7	1,247.7	-	983.2	983.9	964.0	964.3	-
Telephone communications	481	887.1	884.1	867.6	866.8	-	668.6	669.3	651.0	651.5	-
Telephone communications, except radio	4813	832.6	829.2	806.9	805.3	-	628.4	628.9	606.3	606.0	-
Radio and television broadcasting	483	225.7	225.7	225.5	225.6	-	188.4	188.4	188.3	188.3	-
Radio broadcasting stations	4832	111.5	111.5	111.1	110.9	-	-	-	-	-	-
Television broadcasting stations	4833	114.2	114.2	114.4	114.7	-	-	-	-	-	-
Cable and other pay television services	484	129.2	129.2	130.7	130.6	-	109.7	109.8	110.2	110.3	-
Electric, gas, and sanitary services	49	947.1	945.7	940.8	937.9	-	746.4	743.7	741.4	737.4	-
Electric services	491	435.3	434.1	429.6	428.2	-	338.2	337.1	335.7	334.2	-
Gas production and distribution	492	162.4	162.1	160.1	160.2	-	127.1	127.0	124.5	123.2	-
Combination utility services	493	191.4	190.8	186.9	186.6	-	147.1	145.3	142.0	141.9	-
Sanitary services	495	128.2	128.9	134.0	132.8	-	110.7	111.0	115.5	114.5	-
Wholesale trade		6,082	6,068	6,146	6,148	6,145	4,899	4,884	4,964	4,965	4,955
Durable goods	50	3,471	3,467	3,502	3,509	3,517	2,763	2,758	2,798	2,806	-
Motor vehicles, parts, and supplies	501	449.4	449.2	460.3	461.2	-	360.8	360.5	371.8	372.7	-
Automobiles and other motor vehicles	5012	113.5	113.3	114.1	114.4	-	-	-	-	-	-
Motor vehicle supplies and new parts	5013	266.9	266.8	275.2	275.5	-	-	-	-	-	-
Furniture and home furnishings	502	141.0	140.0	142.1	143.9	-	112.0	110.9	113.1	115.1	-
Furniture	5021	63.9	63.5	65.8	66.1	-	-	-	-	-	-
Home furnishings	5023	77.1	76.5	76.3	77.8	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Wholesale trade—Continued											
Durable goods—Continued											
Lumber and other construction materials	503	222.4	221.7	236.2	235.5	-	180.3	179.4	192.9	192.4	-
Lumber, plywood, and millwork	5031	113.7	114.3	120.8	120.5	-	-	-	-	-	-
Construction materials, nec	5039	40.0	39.9	41.4	41.8	-	-	-	-	-	-
Professional and commercial equipment	504	746.6	745.8	718.4	718.4	-	602.9	602.2	579.4	580.0	-
Office equipment	5044	184.3	184.7	182.7	183.0	-	-	-	-	-	-
Computers, peripherals and software	5045	274.5	272.0	240.2	239.8	-	-	-	-	-	-
Medical and hospital equipment	5047	151.3	152.4	158.4	159.2	-	124.5	125.5	129.5	130.5	-
Metals and minerals, except petroleum	505	130.3	130.6	133.2	133.4	-	103.2	103.7	106.2	106.5	-
Electrical goods	506	471.5	473.5	488.6	491.7	-	364.7	366.9	381.1	383.5	-
Electrical apparatus and equipment	5063	199.3	200.4	210.4	211.8	-	-	-	-	-	-
Electrical appliances, television and radio sets	5064	52.2	52.6	52.2	52.4	-	-	-	-	-	-
Electronic parts and equipment	5065	220.0	220.5	226.0	227.5	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	268.8	268.2	272.3	272.9	-	214.7	213.9	219.2	219.5	-
Hardware	5072	92.4	92.0	93.4	93.7	-	-	-	-	-	-
Plumbing and hydronic heating supplies	5074	110.3	110.3	110.8	110.7	-	-	-	-	-	-
Machinery, equipment, and supplies	508	743.0	740.9	744.9	744.6	-	585.1	582.8	587.3	587.0	-
Construction and mining machinery	5082	72.1	72.0	73.0	72.6	-	-	-	-	-	-
Farm and garden machinery	5083	109.3	108.4	112.3	111.7	-	-	-	-	-	-
Industrial machinery and equipment	5084	304.8	304.0	307.7	308.9	-	-	-	-	-	-
Industrial supplies	5085	140.6	140.3	137.6	137.5	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	298.1	296.9	305.5	307.3	-	238.9	237.9	246.8	248.8	-
Scrap and waste materials	5093	108.2	107.5	108.8	108.6	-	-	-	-	-	-
Nondurable goods	51	2,611	2,601	2,644	2,639	2,628	2,136	2,126	2,166	2,159	-
Paper and paper products	511	240.8	239.6	248.5	248.7	-	194.4	193.3	201.4	202.1	-
Stationery and office supplies	5112	130.9	128.9	136.1	136.2	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	201.9	203.1	203.2	203.0	-	167.8	169.0	169.3	168.5	-
Apparel, piece goods, and notions	513	211.1	208.3	210.3	209.7	-	167.9	165.2	166.8	166.9	-
Groceries and related products	514	867.6	864.3	885.4	885.0	-	729.3	725.6	747.2	745.3	-
Groceries, general line	5141	272.9	273.7	275.8	275.8	-	-	-	-	-	-
Meats and meat products	5147	61.7	62.0	62.3	63.4	-	-	-	-	-	-
Fresh fruits and vegetables	5148	99.6	96.5	100.8	96.9	-	-	-	-	-	-
Farm-product raw materials	515	121.1	118.2	122.7	120.2	-	99.3	96.7	101.1	98.3	-
Chemicals and allied products	516	139.8	140.2	137.1	136.9	-	105.8	106.0	102.7	102.3	-
Petroleum and petroleum products	517	176.0	176.9	180.1	180.4	-	141.3	141.6	145.3	145.6	-
Petroleum bulk stations and terminals	5171	73.0	73.6	74.6	75.0	-	-	-	-	-	-
Petroleum products, nec	5172	103.0	103.3	105.5	105.4	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	148.5	148.6	148.9	149.6	-	121.0	121.3	121.3	121.7	-
Beer and ale	5181	95.8	95.9	97.8	97.7	-	-	-	-	-	-
Wine and distilled beverages	5182	52.7	52.7	51.1	51.9	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	504.1	501.6	507.5	505.1	-	409.6	407.3	410.5	408.5	-
Farm supplies	5191	154.8	151.9	162.1	159.2	-	-	-	-	-	-
Retail trade		19,698	20,020	19,866	20,131	20,421	17,388	17,696	17,479	17,733	17,999
Building materials and garden supplies	52	764.7	762.4	802.2	796.7	-	630.0	626.9	662.5	656.8	-
Lumber and other building materials	521	434.1	428.4	459.1	455.9	-	365.1	359.3	386.2	382.3	-
Paint, glass, and wallpaper stores	523	67.8	67.5	69.0	69.3	-	52.1	51.9	54.0	54.1	-
Hardware stores	525	156.5	158.4	160.1	159.7	-	127.9	129.0	131.3	131.1	-
Retail nurseries and garden stores	526	80.5	82.6	85.2	83.1	-	64.4	66.6	68.5	66.7	-
General merchandise stores	53	2,561.1	2,657.3	2,386.1	2,509.4	2,589.4	2,403.2	2,496.7	2,229.6	2,355.9	-
Department stores	531	2,164.7	2,239.9	2,027.2	2,135.3	-	2,047.2	2,120.6	1,909.6	2,020.3	-
Variety stores	533	170.1	176.1	159.2	163.3	-	154.3	160.2	143.8	147.9	-
Miscellaneous general merchandise stores	539	226.3	241.3	199.7	210.8	-	201.7	215.9	176.2	187.7	-
Food stores	54	3,211.0	3,236.5	3,234.1	3,249.0	3,276.3	2,928.6	2,953.5	2,949.3	2,962.1	-
Grocery stores	541	2,860.4	2,866.1	2,866.3	2,873.8	-	2,624.9	2,630.1	2,630.2	2,636.5	-
Meat and fish markets	542	50.8	55.2	54.4	55.8	-	-	-	-	-	-
Dairy products stores	545	18.9	20.6	17.9	17.8	-	-	-	-	-	-
Retail bakeries	546	167.7	169.8	171.5	172.2	-	149.6	151.5	153.3	153.7	-
Automotive dealers and service stations	55	1,988.0	1,994.4	2,063.7	2,061.6	2,062.6	1,650.9	1,647.3	1,715.0	1,712.4	-
New and used car dealers	551	886.2	885.3	923.1	923.4	-	736.8	735.7	768.8	769.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Retail trade—Continued											
Automotive dealers and service stations—Continued											
Auto and home supply stores	553	342.4	340.7	361.3	360.9	-	270.3	268.8	286.3	286.4	-
Gasoline service stations	554	613.1	612.8	615.7	615.4	-	528.4	528.1	529.6	528.1	-
Automotive dealers, nec	559	7.3	7.1	6.2	6.2	-	6.0	5.9	5.3	5.2	-
Apparel and accessory stores	56	1,176.1	1,237.0	1,128.0	1,171.9	1,239.7	982.3	1,042.2	924.6	967.4	-
Men's and boys' clothing stores	561	90.8	95.7	87.3	89.7	-	73.9	78.7	70.1	72.6	-
Women's clothing stores	562	391.9	409.1	370.4	378.2	-	327.1	343.4	299.2	307.4	-
Family clothing stores	565	320.3	344.6	304.7	328.6	-	279.3	302.4	262.0	285.0	-
Shoe stores	566	204.4	211.1	201.2	205.0	-	161.8	169.4	157.2	160.5	-
Furniture and home furnishings stores	57	830.2	852.9	852.6	872.8	-	676.3	697.4	691.2	709.5	-
Furniture and home furnishings stores	571	450.1	456.5	470.8	479.2	-	366.2	371.5	381.9	389.9	-
Furniture stores	5712	270.1	274.4	284.6	288.5	-	-	-	-	-	-
Household appliance stores	572	76.3	76.7	72.0	71.7	-	62.2	62.7	58.4	58.4	-
Radio, television, and computer stores	573	303.8	319.7	309.8	321.9	-	247.9	263.2	250.9	261.2	-
Radio, television, and electronic stores	5731	126.6	129.8	131.5	138.5	-	104.2	107.4	107.2	113.5	-
Record and prerecorded tape stores	5735	69.6	80.2	67.1	70.7	-	57.4	67.4	54.2	57.0	-
Eating and drinking places	58	6,617.9	6,654.7	6,893.9	6,889.2	6,919.3	5,986.5	6,017.9	6,224.4	6,211.6	-
Miscellaneous retail establishments	59	2,549.2	2,634.3	2,505.6	2,580.2	-	2,129.8	2,214.5	2,082.4	2,157.6	-
Drug stores and proprietary stores	591	609.4	617.7	603.9	612.3	-	508.7	517.3	504.0	512.5	-
Liquor stores	592	116.9	117.4	114.4	115.6	-	-	-	-	-	-
Used merchandise stores	593	80.9	81.7	84.1	83.9	-	67.4	67.8	69.9	70.2	-
Miscellaneous shopping goods stores	594	889.5	951.3	854.5	909.8	-	744.1	805.5	712.2	767.2	-
Sporting goods and bicycle shops	5941	162.7	170.1	166.8	175.9	-	-	-	-	-	-
Book stores	5942	96.0	99.0	93.2	96.1	-	-	-	-	-	-
Stationery stores	5943	71.8	73.2	71.5	73.0	-	-	-	-	-	-
Jewelry stores	5944	141.2	151.1	136.1	140.2	-	-	-	-	-	-
Gift, novelty, and souvenir shops	5947	186.8	193.5	182.2	184.7	-	-	-	-	-	-
Sewing, needlework, and piece goods	5949	67.4	66.9	62.1	63.7	-	-	-	-	-	-
Nonstore retailers	596	325.0	325.3	292.0	294.4	-	281.9	282.6	248.2	251.2	-
Catalog and mail-order houses	5961	198.7	197.6	166.1	168.6	-	-	-	-	-	-
Merchandising machine operators	5962	78.4	76.4	76.9	77.3	-	-	-	-	-	-
Fuel dealers	598	101.4	102.9	99.8	101.4	-	83.8	85.2	82.6	84.9	-
Retail stores, nec	599	426.1	438.0	456.9	462.8	-	349.3	361.0	372.6	377.6	-
Florists, tobacco stores, and newsstands	5992,3,4	141.5	149.8	153.0	156.5	-	-	-	-	-	-
Finance, insurance, and real estate³	-	6,543	6,559	6,613	6,628	6,651	4,732	4,747	4,809	4,824	4,845
Finance	-	3,160	3,175	3,229	3,245	3,263	-	-	-	-	-
Depository institutions	60	2,094.1	2,103.5	2,113.8	2,119.3	2,129.0	1,513.8	1,521.9	1,526.3	1,530.7	-
Commercial banks	602	1,476.3	1,483.4	1,490.2	1,493.9	-	1,050.2	1,056.5	1,058.4	1,060.8	-
State commercial banks	6022	600.9	603.6	616.2	617.4	-	430.1	431.9	440.4	441.5	-
National and commercial banks, nec	6021,9	875.4	879.8	874.0	876.5	-	620.1	624.6	618.0	619.3	-
Savings institutions	603	356.7	357.7	356.1	357.5	-	-	-	-	-	-
Federal savings institutions	6035	193.3	193.5	189.0	190.2	-	-	-	-	-	-
Savings institutions, except federal	6036	163.4	164.2	167.1	167.3	-	-	-	-	-	-
Credit unions	606	140.4	141.2	146.5	146.8	-	111.2	111.9	116.5	116.8	-
Nondepository institutions	61	398.3	401.7	417.1	421.5	-	299.2	302.6	315.2	317.7	-
Personal credit institutions	614	125.0	126.4	122.2	122.6	-	92.7	94.3	89.9	89.3	-
Business credit institutions	615	79.0	79.5	79.6	79.8	-	-	-	-	-	-
Mortgage bankers and brokers	616	177.4	178.9	198.4	202.0	-	-	-	-	-	-
Security and commodity brokers	62	445.4	447.1	472.4	477.0	-	-	-	-	-	-
Security brokers and dealers	621	340.5	341.8	365.1	368.7	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges	622,3	22.5	22.6	22.4	22.7	-	-	-	-	-	-
Security and commodity services	628	82.4	82.7	84.9	85.6	-	53.1	53.3	55.5	56.1	-
Holding and other investment offices	67	222.5	222.5	226.1	227.6	-	-	-	-	-	-
Holding offices	671	99.6	99.6	98.5	98.9	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Finance, insurance, and real estate—Continued											
Insurance	63,64	2,115	2,115	2,105	2,111	2,116	-	-	-	-	-
Insurance carriers	63	1,468.8	1,467.5	1,460.9	1,467.8	-	1,002.1	1,002.6	1,016.0	1,026.7	-
Life insurance	631	527.7	525.8	516.7	516.0	-	324.7	324.2	329.7	331.8	-
Medical service and health insurance	632	269.6	270.5	271.1	278.1	-	220.3	221.4	220.1	225.1	-
Hospital and medical service plans	6324	209.0	209.5	210.5	215.9	-	174.8	175.6	175.0	180.3	-
Fire, marine, and casualty insurance	633	547.9	547.4	540.9	541.5	-	356.0	355.8	356.8	358.4	-
Title insurance	636	66.1	65.7	73.7	75.7	-	-	-	-	-	-
Insurance agents, brokers, and service	64	648.5	647.6	643.8	643.4	-	-	-	-	-	-
Real estate	65	1,268	1,269	1,279	1,272	1,272	-	-	-	-	-
Real estate operators and lessors	651	554.9	561.2	558.2	555.3	-	-	-	-	-	-
Real estate agents and managers	653	570.8	569.9	575.0	573.0	-	-	-	-	-	-
Subdividers and developers	655	110.0	106.0	111.1	108.2	-	-	-	-	-	-
Services		29,445	29,453	30,692	30,666	30,639	25,710	25,710	26,823	26,792	26,740
Agricultural services	07	483.0	449.7	544.6	528.2	487.8	401.3	389.2	456.6	441.4	-
Veterinary services	074	138.1	138.5	143.0	142.0	-	115.6	115.7	119.4	118.2	-
Landscape and horticultural services	078	302.6	269.2	359.5	343.9	-	251.1	219.2	302.8	288.7	-
Hotels and other lodging places	70	1,520.3	1,513.0	1,586.2	1,543.8	1,540.7	-	-	-	-	-
Hotels and motels	701	1,478.8	1,474.1	1,539.1	1,499.7	-	1,303.2	1,298.0	1,354.4	1,316.4	-
Personal services	72	1,093.7	1,103.3	1,099.9	1,103.5	1,109.0	-	-	-	-	-
Laundry, cleaning, and garment services	721	416.5	417.4	425.3	425.8	-	367.5	368.7	374.8	375.2	-
Photographic studios, portrait	722	80.0	78.1	84.7	86.5	-	-	-	-	-	-
Beauty shops	723	381.6	384.7	381.0	382.3	-	341.4	344.6	339.6	341.5	-
Funeral service and crematories	726	84.6	85.1	87.6	87.6	-	-	-	-	-	-
Miscellaneous personal services	729	111.2	118.0	102.2	102.2	-	94.1	99.4	84.9	84.7	-
Business services	73	5,533.8	5,538.0	6,020.1	6,013.9	6,014.1	4,900.3	4,902.5	5,367.6	5,357.9	-
Advertising	731	225.8	224.7	226.9	228.5	-	161.6	160.7	165.5	166.9	-
Advertising agencies	7311	153.7	153.0	153.2	153.8	-	-	-	-	-	-
Credit reporting and collection	732	117.6	117.6	115.4	115.2	-	-	-	-	-	-
Mailing, reproduction, and stenographic services	733	241.7	240.6	252.7	254.9	-	-	-	-	-	-
Photocopying and duplicating services	7334	52.3	52.4	54.3	54.7	-	43.0	43.2	44.3	44.7	-
Services to buildings	734	809.7	807.3	834.6	838.6	-	725.9	724.2	749.2	752.4	-
Miscellaneous equipment rental and leasing	735	207.2	204.4	217.9	216.5	-	166.0	162.9	174.9	172.7	-
Heavy construction equipment rental	7353	39.3	39.0	42.0	41.4	-	33.0	32.6	35.6	34.7	-
Personnel supply services	736	1,810.3	1,819.6	2,193.7	2,170.2	2,179.5	-	-	-	-	-
Employment agencies	7361	234.7	238.5	293.3	293.7	-	-	-	-	-	-
Help supply services	7363	1,575.6	1,581.1	1,900.4	1,876.5	-	1,527.7	1,532.3	1,844.0	1,819.5	-
Computer and data processing services	737	847.8	852.4	894.3	903.5	-	681.4	685.3	726.1	735.1	-
Computer programming services	7371	171.9	172.6	186.5	187.3	-	140.5	141.6	156.6	158.5	-
Prepackaged software	7372	132.4	133.6	146.2	146.6	-	-	-	-	-	-
Computer integrated systems design	7373	103.8	104.2	111.9	113.1	-	79.3	79.3	83.2	83.7	-
Data processing and preparation	7374	210.9	211.9	213.6	218.9	-	-	-	-	-	-
Information retrieval services	7375	46.7	47.1	50.1	50.5	-	36.9	37.3	38.7	38.9	-
Computer maintenance and repair	7378	42.3	42.5	40.0	40.0	-	36.2	36.3	33.2	33.3	-
Miscellaneous business services	738	1,273.7	1,271.4	1,284.6	1,286.5	-	1,124.8	1,120.2	1,130.1	1,131.2	-
Detective and armored car services	7381	473.7	477.9	484.0	484.1	-	443.2	446.6	451.8	451.9	-
Security systems services	7382	38.7	38.4	37.9	37.7	-	33.0	32.7	32.5	32.2	-
Photofinishing laboratories	7384	78.2	77.7	78.6	78.8	-	-	-	-	-	-
Auto repair, services, and parking	75	885.7	883.7	944.4	952.0	957.7	724.7	723.2	775.9	782.5	-
Automotive rentals, without drivers	751	159.9	159.0	172.1	174.5	-	126.4	125.6	138.8	141.0	-
Passenger car rental	7514	97.8	97.3	108.0	110.2	-	77.9	77.3	87.3	89.4	-
Automobile parking	752	58.5	58.9	59.4	60.0	-	52.3	52.5	52.6	53.2	-
Automotive repair shops	753	500.2	499.1	533.2	536.3	-	403.2	402.5	431.6	434.8	-
Automotive and tire repair shops	7532.4	174.0	173.4	184.8	186.2	-	141.9	141.6	151.2	153.1	-
General automotive repair shops	7538	207.6	207.6	222.4	223.9	-	168.3	168.2	180.9	182.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Services—Continued											
Auto repair, services, and parking—Continued											
Automotive services, except repair	754	167.1	166.7	179.7	181.2	-	142.8	142.6	152.9	153.5	-
Carwashes	7542	96.8	96.2	102.4	104.2	-	84.7	84.2	89.5	90.9	-
Miscellaneous repair services	76	348.8	346.4	362.4	361.3	361.2	284.8	282.5	294.8	294.2	-
Electrical repair shops	762	109.4	109.7	114.9	114.2	-	-	-	-	-	-
Motion pictures	78	413.8	424.6	418.1	423.1	428.2	338.2	349.3	344.8	350.6	-
Motion picture production and services	781	173.7	174.4	176.6	178.1	-	137.0	137.9	142.5	144.5	-
Motion picture theaters	783	101.3	107.3	100.7	102.3	-	-	-	-	-	-
Amusement and recreation services	79	1,051.2	1,061.6	1,113.4	1,056.7	1,060.1	912.2	922.0	968.1	916.5	-
Bowling centers	793	93.4	94.1	92.4	92.8	-	83.9	84.5	82.7	83.0	-
Misc. amusement and recreation services	799	680.3	695.4	742.5	695.4	-	591.4	604.4	651.0	606.2	-
Physical fitness facilities	7991	117.1	117.7	115.5	117.7	-	104.6	104.5	103.7	105.9	-
Membership sports and recreation clubs	7997	253.1	251.6	271.1	253.9	-	218.7	217.1	235.3	219.0	-
Health services	80	8,669.6	8,702.7	8,960.5	8,984.4	9,011.4	7,700.6	7,728.5	7,938.4	7,957.2	-
Offices and clinics of medical doctors	801	1,502.6	1,514.6	1,562.0	1,564.9	-	1,231.0	1,240.9	1,272.3	1,274.3	-
Offices and clinics of dentists	802	549.4	551.8	568.5	571.9	-	481.1	483.4	497.0	500.2	-
Offices and clinics of other health practitioners	804	336.7	340.8	362.9	364.8	-	274.2	277.8	299.1	301.0	-
Offices and clinics of chiropractors and optometrists	8041.2	150.9	152.3	157.2	157.6	-	-	-	-	-	-
Nursing and personal care facilities	805	1,570.5	1,574.5	1,640.6	1,648.1	-	1,419.3	1,422.2	1,479.7	1,485.9	-
Skilled nursing care facilities	8051	1,119.5	1,122.0	1,169.4	1,174.4	-	-	-	-	-	-
Intermediate care facilities	8052	223.1	224.1	232.9	233.6	-	201.0	201.9	209.5	210.1	-
Nursing and personal care, nec	8059	227.9	228.4	238.3	240.1	-	-	-	-	-	-
Hospitals	806	3,794.5	3,799.7	3,818.4	3,817.6	3,819.1	3,483.6	3,488.6	3,495.8	3,494.1	-
General medical and surgical hospitals	8062	3,489.9	3,494.3	3,513.5	3,512.2	-	-	-	-	-	-
Psychiatric hospitals	8063	102.4	102.6	98.7	98.8	-	-	-	-	-	-
Specialty hospitals, excluding psychiatric	8069	202.2	202.8	206.2	206.6	-	-	-	-	-	-
Medical and dental laboratories	807	184.5	186.2	196.0	197.5	-	-	-	-	-	-
Home health care services	808	430.4	432.6	497.8	503.0	-	398.5	400.0	460.9	465.8	-
Legal services	81	917.2	919.6	928.5	930.9	931.4	739.6	741.5	745.0	746.5	-
Educational services	82	1,844.9	1,814.1	1,875.9	1,908.5	1,879.0	-	-	-	-	-
Elementary and secondary schools	821	484.3	483.2	497.8	503.4	-	-	-	-	-	-
Colleges and universities	822	1,150.8	1,122.8	1,166.2	1,193.0	-	-	-	-	-	-
Vocational schools	824	78.8	77.6	76.5	77.4	-	-	-	-	-	-
Social services	83	2,007.6	2,016.0	2,092.4	2,109.5	2,113.7	1,737.1	1,745.4	1,810.2	1,824.3	-
Individual and family services	832	535.4	538.3	556.9	561.6	-	464.8	467.7	482.6	486.8	-
Job training and related services	833	278.1	280.2	289.4	291.6	-	232.8	234.6	241.7	243.6	-
Child day care services	835	469.9	468.8	482.2	485.5	-	416.1	415.0	424.9	428.3	-
Residential care	836	547.1	551.9	581.5	585.6	-	478.1	483.1	507.7	511.7	-
Social services, nec	839	177.1	176.8	182.4	185.2	-	145.3	145.0	153.3	153.9	-
Museums and botanical and zoological gardens	84	71.5	71.9	78.7	75.2	74.9	-	-	-	-	-
Membership organizations	86	1,939.1	1,939.8	1,954.2	1,956.9	1,952.7	-	-	-	-	-
Business associations	861	102.2	102.4	109.1	106.9	-	-	-	-	-	-
Professional organizations	862	52.3	52.9	53.1	53.4	-	37.4	37.9	37.3	37.5	-
Labor organizations	863	137.5	135.5	131.8	134.1	-	-	-	-	-	-
Civic and social associations	864	413.9	417.4	426.3	428.5	-	-	-	-	-	-
Engineering and management services	87	2,480.2	2,485.0	2,528.7	2,534.2	2,533.6	1,889.0	1,892.9	1,929.8	1,935.3	-
Engineering and architectural services	871	752.6	752.9	773.5	772.2	-	615.4	615.4	637.4	636.1	-
Engineering services	8711	593.0	593.6	609.2	607.6	-	488.9	489.2	507.1	505.1	-
Architectural services	8712	112.6	112.6	113.9	114.0	-	87.7	87.7	88.3	88.7	-
Surveying services	8713	47.0	46.7	50.4	50.6	-	38.8	38.5	42.0	42.3	-
Accounting, auditing, and bookkeeping	872	498.0	502.0	495.7	496.1	-	356.8	361.1	354.2	354.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Services—Continued											
Engineering and management services—Continued											
Research and testing services	873	560.0	560.4	564.3	567.4	-	419.4	419.5	426.6	430.5	-
Commercial physical research	8731	233.2	231.7	231.2	231.3	-	160.0	159.3	164.2	165.4	-
Commercial nonphysical research	8732	106.6	105.5	106.6	109.6	-	85.8	84.3	85.2	87.4	-
Noncommercial research organizations	8733	140.9	141.2	143.4	144.0	-	109.2	109.3	111.1	111.9	-
Management and public relations	874	669.6	669.7	695.2	698.5	-	497.4	496.9	511.6	514.5	-
Public relations services	8743	30.5	30.7	31.3	31.6	-	21.9	22.4	21.9	22.1	-
Services, nec	89	42.2	41.3	41.3	41.5	-	33.0	32.4	33.0	32.9	-
Government		19,167	19,073	19,157	19,309	19,253	-	-	-	-	-
Federal Government ⁴		2,925	2,965	2,888	2,679	2,902	-	-	-	-	-
Executive, by agency ⁴		2,858.8	2,899.1	2,820.1	-	-	-	-	-	-	-
Department of Defense		903.2	902.7	847.5	-	-	-	-	-	-	-
Postal Service ⁵		770.3	815.9	792.4	-	-	-	-	-	-	-
Other executive agencies		1,185.3	1,180.5	1,180.2	-	-	-	-	-	-	-
Legislative		38.5	38.4	37.8	-	-	-	-	-	-	-
Judicial		27.9	27.8	27.7	-	-	-	-	-	-	-
Federal Government, by industry:											
Manufacturing activities		101.1	100.2	87.5	87.0	-	-	-	-	-	-
Ship building and repairing	3731	57.8	57.4	49.0	48.7	-	-	-	-	-	-
Transportation and public utilities, except Postal Service		33.8	33.7	32.4	32.4	-	-	-	-	-	-
Services		398.8	396.7	400.6	399.4	-	-	-	-	-	-
Hospitals	806	237.7	238.2	239.3	239.6	-	-	-	-	-	-
State government		4,552	4,513	4,596	4,619	4,578	-	-	-	-	-
Hospitals	806	419.5	418.9	418.0	415.6	-	-	-	-	-	-
Education	82	1,952.7	1,915.7	1,958.7	1,988.7	-	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		1,704.4	1,705.6	1,743.7	1,740.6	-	-	-	-	-	-
Local government		11,690	11,595	11,675	11,811	11,773	-	-	-	-	-
Transportation and public utilities		445.6	445.5	442.8	444.5	-	-	-	-	-	-
Hospitals	806	680.1	681.4	699.1	701.0	-	-	-	-	-	-
Education	82	6,616.1	6,605.9	6,623.0	6,733.2	-	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		3,568.8	3,488.1	3,531.7	3,555.4	-	-	-	-	-	-

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

³ Excludes nonoffice commissioned real estate sales agents.

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

the National Security Agency.

⁵ Includes rural mail carriers.

- Data not available.

^p = preliminary.

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

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	Sept. 1992	Oct. 1992	Aug. 1993	Sept. 1993	Oct. 1993
Total	52,523	52,978	52,631	53,480	53,972
Total private	42,606	42,702	43,328	43,415	43,540
Goods-producing	6,574	6,546	6,474	6,470	6,455
Mining	91	91	88	86	87
Construction	517	513	522	521	521
Manufacturing	5,966	5,942	5,864	5,863	5,847
Durable goods	2,716	2,710	2,649	2,655	2,658
Lumber and wood products	111	111	114	114	114
Furniture and fixtures	144	145	145	146	147
Stone, clay, and glass products	104	104	103	103	103
Primary metal industries	93	92	91	91	91
Fabricated metal products	293	292	287	289	289
Industrial machinery and equipment	417	416	409	409	409
Electronic and other electrical equipment	644	643	636	637	640
Transportation equipment	365	363	345	345	343
Instruments and related products	378	376	357	355	354
Miscellaneous manufacturing	169	169	164	167	168
Nondurable goods	3,250	3,232	3,215	3,208	3,189
Food and kindred products	571	555	572	566	554
Tobacco products	18	18	15	16	16
Textile mill products	324	321	317	318	317
Apparel and other textile products	781	782	751	752	748
Paper and allied products	169	168	168	166	164
Printing and publishing	659	660	666	664	665
Chemicals and allied products	336	336	338	336	335
Petroleum and coal products	26	26	25	25	24
Rubber and misc. plastics products	298	299	299	300	300
Leather and leather products	68	68	65	65	65
Service-producing	45,949	46,432	46,157	47,010	47,517
Transportation and public utilities	1,685	1,688	1,654	1,685	1,692
Wholesale trade	1,857	1,865	1,864	1,873	1,887
Retail trade	10,326	10,321	10,514	10,501	10,498
Finance, insurance, and real estate	4,169	4,157	4,221	4,196	4,188
Services	17,995	18,125	18,601	18,690	18,820
Government	9,917	10,276	9,303	10,065	10,432
Federal	1,224	1,213	1,215	1,206	1,199
State	2,179	2,259	2,103	2,212	2,294
Local	6,514	6,804	5,985	6,647	6,939

NOTE: Establishment survey estimates are currently projected from March 1992 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1992 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Total	109,079	109,235	109,539	109,565	109,820	110,058	110,101	110,338	110,305	110,502	110,664	110,866	111,049
Total private	90,313	90,480	90,762	90,777	91,020	91,239	91,278	91,497	91,478	91,580	91,761	91,961	92,108
Goods-producing	22,985	23,001	23,069	23,016	22,980	23,006	22,941	22,948	22,903	22,886	22,934	22,992	23,002
Mining¹	613	611	600	600	600	602	596	595	592	596	596	594	603
Oil and gas extraction	341	342	336	334	335	338	340	346	351	352	351	348	343
Construction¹	4,459	4,454	4,515	4,481	4,517	4,577	4,574	4,593	4,593	4,592	4,629	4,663	4,662
General building contractors	1,047	1,049	1,058	1,049	1,062	1,067	1,063	1,060	1,050	1,050	1,062	1,077	1,082
Manufacturing	17,913	17,936	17,954	17,935	17,863	17,827	17,771	17,760	17,718	17,698	17,709	17,735	17,737
Durable goods	10,136	10,152	10,163	10,144	10,090	10,047	10,011	9,996	9,974	9,974	9,988	10,013	10,027
Lumber and wood products	683	683	690	690	683	678	677	678	680	683	690	694	696
Furniture and fixtures	477	477	480	480	480	482	481	482	479	479	480	482	485
Stone, clay, and glass products	511	510	515	513	511	512	511	511	511	512	513	514	515
Primary metal industries	683	684	683	682	678	678	673	672	670	671	672	675	676
Blast furnaces and basic steel products	243	242	242	241	240	239	237	237	236	236	236	237	236
Fabricated metal products	1,310	1,318	1,320	1,320	1,316	1,310	1,306	1,304	1,303	1,304	1,307	1,312	1,315
Industrial machinery and equipment	1,909	1,908	1,907	1,904	1,904	1,902	1,900	1,898	1,891	1,893	1,892	1,897	1,897
Electronic and other electrical equipment	1,514	1,517	1,520	1,525	1,519	1,513	1,508	1,506	1,506	1,507	1,509	1,515	1,522
Transportation equipment	1,784	1,792	1,786	1,771	1,743	1,723	1,712	1,706	1,700	1,696	1,697	1,699	1,700
Motor vehicles and equipment	818	841	833	827	810	803	804	807	812	814	823	828	839
Aircraft and parts	579	572	570	563	558	550	541	534	528	527	521	514	505
Instruments and related products	903	902	900	896	892	886	880	876	874	869	868	865	862
Miscellaneous manufacturing	362	361	362	363	364	363	363	363	360	360	360	360	359
Nondurable goods	7,777	7,784	7,791	7,791	7,773	7,780	7,760	7,764	7,744	7,724	7,721	7,722	7,710
Food and kindred products	1,650	1,656	1,659	1,658	1,651	1,650	1,646	1,645	1,651	1,640	1,652	1,650	1,645
Tobacco products	48	48	48	48	48	48	48	47	45	45	45	47	46
Textile mill products	670	669	670	669	670	670	667	668	663	662	663	661	661
Apparel and other textile products	992	993	993	992	987	988	983	979	973	969	962	959	954
Paper and allied products	686	685	684	684	682	682	681	680	678	678	676	675	676
Printing and publishing	1,501	1,499	1,502	1,503	1,503	1,506	1,503	1,506	1,507	1,507	1,503	1,505	1,503
Chemicals and allied products	1,080	1,080	1,078	1,078	1,074	1,077	1,075	1,076	1,072	1,072	1,068	1,066	1,064
Petroleum and coal products	156	157	157	156	156	156	155	155	154	154	154	155	154
Rubber and misc. plastics products	876	880	883	886	886	887	887	891	886	883	883	889	891
Leather and leather products	118	117	117	117	116	116	115	117	115	114	115	115	116
Service-producing	86,094	86,234	86,470	86,549	86,840	87,052	87,160	87,390	87,402	87,616	87,730	87,874	88,047
Transportation and public utilities	5,707	5,719	5,725	5,724	5,720	5,719	5,711	5,709	5,690	5,692	5,693	5,703	5,716
Transportation	3,495	3,508	3,515	3,513	3,513	3,515	3,510	3,514	3,497	3,503	3,505	3,517	3,530
Trucking and warehousing	1,611	1,624	1,626	1,627	1,629	1,630	1,624	1,632	1,631	1,630	1,631	1,640	1,637
Transportation by air	730	733	736	735	737	736	735	732	728	732	729	731	738
Communications and public utilities	2,212	2,211	2,210	2,211	2,207	2,204	2,201	2,195	2,193	2,189	2,188	2,186	2,186
Wholesale trade	6,062	6,086	6,097	6,103	6,110	6,125	6,110	6,126	6,107	6,117	6,122	6,128	6,138
Durable goods	3,464	3,476	3,480	3,482	3,488	3,489	3,488	3,497	3,488	3,497	3,499	3,505	3,513
Nondurable goods	2,598	2,610	2,617	2,621	2,622	2,636	2,622	2,629	2,619	2,620	2,623	2,623	2,625
Retail trade¹	19,460	19,523	19,629	19,604	19,648	19,702	19,751	19,790	19,795	19,836	19,846	19,833	19,865
General merchandise stores	2,402	2,382	2,402	2,394	2,378	2,368	2,356	2,366	2,359	2,364	2,365	2,354	2,341
Food stores	3,175	3,186	3,195	3,198	3,199	3,205	3,220	3,217	3,226	3,220	3,228	3,214	3,215
Automotive dealers and service stations	1,996	2,003	2,013	2,018	2,021	2,026	2,029	2,033	2,040	2,046	2,053	2,062	2,075
Apparel and accessory stores	1,134	1,135	1,146	1,143	1,138	1,144	1,145	1,144	1,145	1,143	1,135	1,128	1,137
Eating and drinking places	6,703	6,737	6,765	6,743	6,803	6,843	6,865	6,892	6,902	6,927	6,929	6,945	6,968

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Finance, insurance, and real estate	6,575	6,578	6,577	6,574	6,585	6,588	6,590	6,604	6,602	6,616	6,632	6,654	6,668
Finance	3,177	3,184	3,184	3,185	3,195	3,197	3,201	3,214	3,215	3,226	3,242	3,255	3,266
Depository institutions	2,104	2,110	2,109	2,111	2,113	2,110	2,107	2,119	2,116	2,117	2,122	2,126	2,129
Insurance	2,116	2,111	2,108	2,109	2,108	2,110	2,112	2,114	2,114	2,113	2,111	2,115	2,118
Real estate	1,282	1,283	1,285	1,280	1,282	1,281	1,277	1,276	1,273	1,277	1,279	1,284	1,284
Services¹	29,524	29,573	29,665	29,756	29,977	30,099	30,175	30,320	30,381	30,433	30,534	30,651	30,719
Agricultural services	494	493	501	494	505	509	510	512	516	524	527	536	535
Hotels and other lodging places	1,566	1,565	1,566	1,563	1,564	1,572	1,580	1,584	1,577	1,584	1,596	1,588	1,593
Personal services	1,105	1,098	1,087	1,086	1,091	1,121	1,123	1,126	1,123	1,114	1,116	1,116	1,113
Business services	5,506	5,521	5,555	5,598	5,665	5,696	5,721	5,772	5,800	5,814	5,902	5,943	5,978
Personnel supply services	1,791	1,802	1,835	1,874	1,921	1,941	1,954	1,997	2,012	2,015	2,085	2,109	2,145
Auto repair, services, and parking	888	894	900	906	915	921	927	931	937	942	942	952	963
Miscellaneous repair services	347	350	351	352	353	354	356	355	355	356	358	360	362
Motion pictures	421	423	422	416	417	415	414	415	421	428	426	422	421
Amusement and recreation services	1,154	1,148	1,146	1,148	1,206	1,200	1,198	1,209	1,212	1,194	1,172	1,175	1,168
Health services	8,698	8,720	8,754	8,784	8,819	8,847	8,861	8,885	8,902	8,933	8,961	8,984	9,002
Hospitals	3,800	3,804	3,810	3,811	3,813	3,825	3,819	3,822	3,820	3,821	3,818	3,818	3,819
Legal services	921	924	926	928	930	931	929	929	930	933	932	933	933
Educational services	1,717	1,721	1,730	1,736	1,742	1,745	1,735	1,752	1,747	1,757	1,755	1,770	1,779
Social services	2,006	2,013	2,022	2,032	2,045	2,050	2,068	2,098	2,110	2,092	2,086	2,099	2,105
Museums and botanical and zoological gardens	74	74	74	73	75	76	76	78	77	77	78	78	77
Membership organizations	1,950	1,952	1,952	1,951	1,956	1,955	1,965	1,964	1,963	1,962	1,964	1,969	1,963
Engineering and management services	2,494	2,492	2,494	2,503	2,509	2,522	2,527	2,528	2,527	2,540	2,536	2,542	2,544
Government	18,766	18,755	18,777	18,788	18,800	18,819	18,823	18,841	18,827	18,922	18,903	18,905	18,941
Federal	2,968	2,945	2,944	2,938	2,923	2,912	2,901	2,896	2,906	2,901	2,901	2,893	2,902
State	4,431	4,435	4,439	4,443	4,458	4,462	4,451	4,477	4,471	4,507	4,488	4,489	4,497
Local	11,367	11,375	11,394	11,407	11,419	11,445	11,471	11,468	11,450	11,514	11,514	11,523	11,542

¹ Includes other industries, not shown separately.

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from

March 1992 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1989 forward are subject to revision.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1992			1993									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Total	52,589	52,667	52,732	52,816	52,937	52,943	53,103	53,254	53,307	53,468	53,433	53,505	53,567
Total private	42,510	42,538	42,610	42,690	42,791	42,784	42,937	43,075	43,103	43,210	43,193	43,261	43,336
Goods-producing	6,483	6,483	6,483	6,492	6,498	6,489	6,472	6,461	6,433	6,432	6,404	6,390	6,389
Mining	91	91	90	90	88	87	87	87	86	87	87	86	87
Construction	505	506	504	506	510	507	507	506	508	511	510	512	513
Manufacturing	5,887	5,886	5,889	5,896	5,900	5,895	5,878	5,868	5,839	5,834	5,807	5,792	5,789
Durable goods	2,693	2,693	2,694	2,700	2,700	2,695	2,683	2,671	2,660	2,650	2,642	2,640	2,642
Lumber and wood products	110	111	111	112	112	113	112	110	110	111	111	112	113
Furniture and fixtures	144	144	144	145	146	146	145	145	146	146	145	145	145
Stone, clay, and glass products	102	102	102	102	103	102	102	101	101	101	101	101	102
Primary metal industries	91	91	91	92	92	91	91	91	91	90	90	90	91
Fabricated metal products	289	289	290	291	292	291	290	288	287	287	286	286	287
Industrial machinery and equipment	417	418	418	419	419	420	418	418	415	412	410	411	410
Electronic and other electrical equipment	640	640	640	640	642	642	640	639	637	635	635	635	637
Transportation equipment	361	359	361	363	359	356	353	351	347	345	345	343	341
Instruments and related products	375	374	372	371	370	368	366	363	361	358	356	354	353
Miscellaneous manufacturing	164	165	165	165	165	166	166	165	165	165	163	163	163
Nondurable goods	3,194	3,193	3,195	3,196	3,200	3,200	3,195	3,197	3,179	3,184	3,165	3,152	3,147
Food and kindred products	532	533	533	535	536	536	535	535	531	530	532	522	531
Tobacco products	16	15	16	16	16	15	16	16	16	15	14	15	15
Textile mill products	319	320	320	320	320	319	320	320	318	318	315	315	315
Apparel and other textile products	774	772	771	770	769	770	766	766	759	762	750	747	739
Paper and allied products	167	167	168	166	168	167	166	166	165	166	165	164	163
Printing and publishing	662	663	664	664	666	666	666	667	666	666	669	668	666
Chemicals and allied products	336	336	336	336	336	337	336	337	336	337	335	335	334
Petroleum and coal products	26	25	25	25	25	25	25	25	25	24	24	25	24
Rubber and misc. plastics products	296	296	297	298	299	300	300	301	299	301	298	298	297
Leather and leather products	66	66	65	64	65	65	65	64	64	65	63	63	63
Service-producing	46,106	46,184	46,249	46,324	46,439	46,454	46,631	46,793	46,874	47,036	47,029	47,115	47,178
Transportation and public utilities	1,675	1,674	1,674	1,677	1,679	1,680	1,678	1,679	1,681	1,680	1,674	1,675	1,679
Wholesale trade	1,851	1,856	1,855	1,868	1,869	1,869	1,874	1,876	1,867	1,871	1,862	1,866	1,874
Retail trade	10,293	10,279	10,294	10,331	10,381	10,348	10,370	10,405	10,431	10,451	10,441	10,459	10,467
Finance, insurance, and real estate	4,171	4,167	4,167	4,169	4,166	4,162	4,170	4,178	4,178	4,189	4,192	4,200	4,201
Services	18,037	18,079	18,137	18,153	18,198	18,236	18,373	18,476	18,513	18,587	18,620	18,671	18,726
Government	10,079	10,129	10,122	10,126	10,146	10,159	10,166	10,179	10,204	10,258	10,240	10,244	10,231
Federal	1,216	1,219	1,228	1,221	1,222	1,220	1,216	1,212	1,207	1,200	1,205	1,204	1,203
State	2,209	2,207	2,213	2,216	2,218	2,220	2,223	2,226	2,223	2,243	2,242	2,250	2,245
Local	6,654	6,703	6,681	6,689	6,706	6,719	6,727	6,741	6,774	6,815	6,793	6,790	6,783

NOTE: Establishment survey estimates are currently projected from March 1992 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1989 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1992		1993										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Total private	73,380	73,543	73,831	73,827	74,014	74,291	74,296	74,503	74,493	74,577	74,779	74,934	75,004
Goods-producing	16,031	16,041	16,121	16,088	16,068	16,115	16,064	16,074	16,032	16,039	16,089	16,154	16,151
Mining	434	432	424	424	423	426	421	420	417	421	419	418	427
Construction	3,414	3,399	3,463	3,433	3,467	3,534	3,528	3,548	3,544	3,544	3,579	3,611	3,599
Manufacturing	12,183	12,210	12,234	12,231	12,178	12,155	12,115	12,106	12,071	12,074	12,091	12,125	12,125
Durable goods	6,757	6,775	6,790	6,783	6,745	6,718	6,696	6,684	6,668	6,682	6,702	6,724	6,749
Lumber and wood products	562	562	569	569	561	557	556	557	559	562	569	572	574
Furniture and fixtures	376	377	379	379	379	381	380	380	377	379	379	382	384
Stone, clay, and glass products	395	394	398	397	393	394	393	394	393	394	396	397	398
Primary metal industries	519	520	520	520	516	516	513	511	510	511	512	515	516
Blast furnaces and basic steel products	184	184	184	184	183	183	181	180	179	180	181	181	181
Fabricated metal products	962	969	972	973	969	966	964	961	962	963	966	972	976
Industrial machinery and equipment	1,148	1,149	1,149	1,147	1,148	1,148	1,150	1,150	1,144	1,148	1,152	1,156	1,159
Electronic and other electrical equipment	967	964	970	973	970	967	963	962	959	962	966	969	979
Transportation equipment	1,126	1,140	1,132	1,125	1,109	1,096	1,087	1,082	1,081	1,081	1,081	1,083	1,086
Motor vehicles and equipment	628	651	643	639	625	619	617	618	620	621	626	631	643
Instruments and related products	443	442	441	439	438	432	430	427	426	424	423	421	420
Miscellaneous manufacturing	259	258	260	261	262	261	260	260	257	258	258	257	257
Nondurable goods	5,426	5,435	5,444	5,448	5,433	5,437	5,419	5,422	5,403	5,392	5,389	5,401	5,376
Food and kindred products	1,205	1,210	1,212	1,212	1,206	1,203	1,199	1,199	1,206	1,195	1,206	1,207	1,194
Tobacco products	36	36	36	36	36	36	36	35	33	34	34	36	34
Textile mill products	572	571	571	569	571	571	568	568	563	563	564	562	562
Apparel and other textile products	832	833	832	834	828	829	823	819	813	812	805	805	800
Paper and allied products	516	516	517	517	514	515	515	514	512	511	510	510	510
Printing and publishing	830	829	831	832	832	833	832	833	832	831	828	827	822
Chemicals and allied products	562	563	563	565	585	588	566	570	567	571	571	574	572
Petroleum and coal products	102	103	104	103	103	103	102	102	101	101	100	101	100
Rubber and misc. plastics products	676	680	684	686	685	686	685	688	684	683	679	687	690
Leather and leather products	95	94	94	94	93	93	93	94	92	91	92	92	92
Service-producing	57,349	57,502	57,710	57,739	57,946	58,176	58,232	58,429	58,461	58,538	58,690	58,780	58,853
Transportation and public utilities	4,779	4,793	4,801	4,794	4,792	4,790	4,783	4,784	4,763	4,761	4,771	4,773	4,782
Wholesale trade	4,880	4,904	4,915	4,923	4,924	4,935	4,922	4,938	4,927	4,932	4,939	4,945	4,950
Retail trade	17,146	17,211	17,314	17,274	17,302	17,371	17,396	17,420	17,430	17,446	17,462	17,454	17,441
Finance, insurance, and real estate	4,762	4,769	4,769	4,769	4,767	4,775	4,781	4,797	4,800	4,814	4,828	4,843	4,860
Services	25,782	25,825	25,911	25,979	26,161	26,305	26,350	26,490	26,541	26,585	26,690	26,765	26,820

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 1992 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1989 forward are subject to revision.

**ESTABLISHMENT DATA
DIFFUSION INDEXES
SEASONALLY ADJUSTED**

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

(Percent)

Time span	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Private nonfarm payrolls, 356 industries¹												
Over 1-month span:												
1990	59.0	57.4	52.1	49.2	49.9	51.3	45.9	44.1	42.7	40.9	41.7	40.3
1991	39.2	39.9	40.2	36.7	50.0	43.7	47.6	52.9	48.0	46.9	46.1	45.2
1992	41.9	45.6	51.1	55.9	52.5	45.2	52.2	45.5	52.7	52.4	52.0	54.8
1993	58.1	59.7	51.0	53.8	58.9	46.5	57.9	44.4	57.2	53.9	^P 60.1	^P 58.9
Over 3-month span:												
1990	59.0	59.8	53.9	46.9	48.0	47.2	48.2	40.8	36.9	35.5	35.5	35.3
1991	33.8	32.4	32.0	39.0	38.9	43.6	46.0	49.4	50.3	44.5	42.6	40.3
1992	40.7	44.5	51.8	56.0	52.9	50.4	44.8	47.8	47.3	52.0	54.2	57.2
1993	61.8	60.8	58.7	56.2	52.4	55.1	46.5	52.8	51.8	^P 61.1	^P 59.6	
Over 6-month span:												
1990	58.7	55.2	55.3	51.3	48.9	43.4	40.4	38.6	36.0	33.3	32.0	31.0
1991	30.2	33.0	31.9	33.7	39.3	43.7	46.2	45.2	48.9	43.8	41.6	41.2
1992	45.4	47.1	47.5	51.7	51.3	48.9	47.3	45.6	46.9	51.6	57.7	56.6
1993	59.7	58.3	58.3	57.7	49.7	51.1	52.9	^P 56.0	^P 57.9			
Over 12-month span:												
1990	55.5	52.7	51.7	46.5	45.4	42.6	39.3	36.1	35.8	33.0	33.0	30.6
1991	31.0	31.0	31.7	31.9	31.7	33.8	35.6	37.5	40.0	44.9	45.5	46.3
1992	47.8	43.0	42.3	42.7	45.8	47.2	49.3	54.2	53.1	51.3	52.1	51.5
1993	52.5	52.4	53.4	56.8	^P 58.4	^P 57.2						
Manufacturing payrolls, 139 industries¹												
Over 1-month span:												
1990	48.9	48.6	44.6	47.5	40.3	44.6	40.3	39.6	35.6	36.1	29.1	34.5
1991	33.8	34.2	33.5	36.3	48.4	42.1	45.3	51.8	41.7	47.1	41.4	40.3
1992	37.4	41.4	47.8	49.6	45.7	41.0	50.4	37.1	48.6	39.6	50.4	47.1
1993	53.2	54.7	47.5	36.3	50.7	38.5	50.7	37.1	48.2	49.3	^P 56.1	^P 51.1
Over 3-month span:												
1990	45.7	47.1	46.4	39.6	40.3	38.1	36.0	29.1	29.1	22.7	23.0	22.3
1991	23.7	22.3	19.8	33.5	35.6	36.8	45.7	46.0	46.6	36.6	37.4	33.1
1992	33.5	38.5	43.5	45.0	41.7	44.8	35.6	37.1	29.9	39.9	42.6	51.4
1993	55.0	57.6	45.7	42.1	34.2	44.2	32.4	39.2	38.8	^P 53.6	^P 54.7	
Over 6-month span:												
1990	46.0	41.4	42.4	41.7	35.6	32.4	28.1	25.2	21.9	21.2	16.3	17.6
1991	14.7	20.9	21.8	25.5	34.5	38.8	42.4	40.3	41.0	38.1	34.5	34.2
1992	34.9	34.5	36.0	42.8	39.6	36.0	30.2	31.7	34.2	37.4	46.6	49.6
1993	50.7	46.0	45.0	43.9	32.7	29.9	38.5	^P 41.4	^P 46.2			
Over 12-month span:												
1990	37.6	35.3	33.5	33.1	28.1	26.3	23.7	20.5	19.4	16.5	16.2	15.6
1991	16.5	16.2	17.3	16.0	20.9	24.1	26.3	30.6	32.7	37.8	36.7	36.7
1992	41.0	33.5	31.3	27.7	31.3	34.5	35.6	41.4	41.7	37.1	38.1	36.3
1993	38.3	37.4	36.0	41.4	^P 42.6	^P 44.6						

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 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1992) and all seasonally adjusted data (beginning January 1989) are subject to revision.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted

(In thousands)

State	1992		1993										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
	Total ¹												
Alabama	1,688.1	1,691.0	1,698.1	1,703.7	1,698.9	1,694.8	1,890.1	1,687.4	1,684.8	1,683.5	1,690.0	1,697.5	1,699.5
Alaska	247.6	247.6	251.8	251.0	251.2	249.5	248.9	249.4	249.3	250.7	252.8	253.1	252.8
Arizona	1,534.4	1,532.7	1,537.1	1,543.2	1,543.2	1,541.3	1,538.9	1,551.8	1,581.3	1,558.3	1,564.3	1,566.8	1,570.0
Arkansas	973.0	976.1	981.9	981.2	980.4	981.2	979.4	979.2	978.6	979.7	983.3	988.1	989.7
California	12,064.0	12,039.3	12,030.4	12,030.8	12,018.1	12,004.8	11,985.6	11,959.4	11,976.3	11,961.1	11,920.1	11,904.2	11,891.6
Colorado	1,610.1	1,610.1	1,615.1	1,619.9	1,622.7	1,631.9	1,631.5	1,630.5	1,639.3	1,641.3	1,643.6	1,657.7	1,654.2
Connecticut	1,512.1	1,507.2	1,508.9	1,511.1	1,503.0	1,502.6	1,498.0	1,488.2	1,491.9	1,483.9	1,480.5	1,488.1	1,484.2
Delaware	348.8	347.7	349.7	349.1	346.0	347.3	346.1	346.8	346.7	346.1	347.3	347.4	349.5
District of Columbia	678.0	677.7	677.9	679.9	678.0	681.4	678.5	674.7	683.9	676.7	672.7	678.8	678.7
Florida	5,374.9	5,382.9	5,400.7	5,422.4	5,426.4	5,450.9	5,446.7	5,451.8	5,479.6	5,481.3	5,480.1	5,512.3	5,517.3
Georgia	3,017.9	3,018.2	3,046.2	3,053.6	3,043.0	3,054.3	3,053.6	3,056.2	3,071.2	3,072.4	3,081.6	3,106.5	3,113.4
Hawaii	536.8	537.0	535.0	536.1	535.8	536.1	536.5	533.3	533.6	530.3	530.5	532.6	529.4
Idaho	422.7	423.6	424.9	423.6	425.6	427.0	427.8	424.9	426.8	426.3	429.3	435.0	437.4
Illinois	5,222.0	5,221.3	5,236.6	5,246.3	5,230.8	5,236.9	5,234.1	5,215.0	5,229.8	5,237.7	5,244.6	5,274.6	5,278.6
Indiana	2,553.4	2,556.3	2,570.3	2,570.4	2,562.0	2,558.9	2,558.5	2,565.7	2,561.9	2,560.2	2,569.3	2,583.8	2,594.9
Iowa	1,256.1	1,252.8	1,260.4	1,261.0	1,260.7	1,253.2	1,254.3	1,253.8	1,251.4	1,256.3	1,258.0	1,264.3	1,268.3
Kansas	1,121.8	1,122.0	1,128.9	1,134.1	1,132.5	1,132.7	1,129.6	1,132.1	1,134.7	1,128.1	1,135.2	1,141.5	1,141.6
Kentucky	1,522.5	1,522.9	1,533.6	1,538.4	1,532.9	1,528.5	1,523.9	1,528.9	1,531.3	1,527.6	1,528.9	1,536.1	1,535.3
Louisiana	1,620.5	1,620.8	1,636.3	1,637.6	1,631.0	1,618.4	1,609.6	1,617.5	1,632.1	1,634.1	1,633.9	1,632.8	1,638.5
Maine	515.6	513.9	519.1	519.6	517.0	514.5	512.0	507.3	507.2	508.8	512.7	519.6	520.2
Maryland	2,072.3	2,071.1	2,087.0	2,083.5	2,070.4	2,075.5	2,076.9	2,064.7	2,068.2	2,059.1	2,062.4	2,066.7	2,064.6
Massachusetts	2,770.5	2,758.7	2,798.5	2,786.0	2,774.7	2,772.4	2,762.3	2,753.5	2,757.6	2,753.8	2,757.3	2,774.1	2,781.2
Michigan	3,939.5	3,944.7	3,989.8	3,965.7	3,964.3	3,950.5	3,957.6	3,950.2	3,954.0	3,935.3	3,955.0	3,968.5	3,991.6
Minnesota	2,208.9	2,212.4	2,219.2	2,222.9	2,222.4	2,225.0	2,228.3	2,229.0	2,235.9	2,233.8	2,244.1	2,253.7	2,263.4
Mississippi	975.1	979.0	982.5	987.8	984.1	982.4	978.6	978.6	978.5	985.9	981.5	987.9	990.7
Missouri	2,323.7	2,319.4	2,337.0	2,348.2	2,344.5	2,346.7	2,341.2	2,337.9	2,332.2	2,328.7	2,338.4	2,353.1	2,358.6
Montana	320.6	321.9	324.4	326.3	325.2	323.8	321.9	321.4	323.5	324.0	323.3	325.6	326.0
Nebraska	754.1	748.4	750.7	750.0	749.7	748.8	749.7	744.6	745.8	748.3	750.6	756.8	758.5
Nevada	653.9	651.6	658.1	658.7	659.7	660.1	658.5	660.5	659.9	661.2	661.6	671.0	676.8
New Hampshire	486.5	486.0	494.4	496.4	492.9	492.3	489.8	487.2	489.2	488.0	491.5	495.9	493.7
New Jersey	3,429.3	3,423.8	3,440.3	3,430.0	3,412.6	3,409.8	3,407.6	3,403.7	3,397.1	3,387.0	3,400.3	3,408.8	3,406.8
New Mexico	604.1	600.2	602.1	605.1	605.8	606.7	611.2	611.1	615.0	617.2	620.8	624.1	626.0
New York	7,695.8	7,688.4	7,725.8	7,730.1	7,712.0	7,710.9	7,708.3	7,685.8	7,705.0	7,682.9	7,681.9	7,701.1	7,701.3
North Carolina	3,161.9	3,172.5	3,196.3	3,204.1	3,195.4	3,197.4	3,203.3	3,204.8	3,222.9	3,223.2	3,228.2	3,242.1	3,251.4
North Dakota	279.9	280.0	283.6	284.1	281.8	281.2	281.3	281.7	283.2	283.3	285.8	285.2	285.8
Ohio	4,855.3	4,863.0	4,888.9	4,886.8	4,877.2	4,870.3	4,865.6	4,863.2	4,853.8	4,856.6	4,859.0	4,869.7	4,871.2
Oklahoma	1,202.9	1,202.2	1,211.1	1,221.3	1,220.3	1,220.1	1,217.9	1,220.2	1,240.7	1,226.7	1,209.9	1,215.8	1,216.3
Oregon	1,281.6	1,277.2	1,284.7	1,293.9	1,293.5	1,290.7	1,287.2	1,289.4	1,291.8	1,289.2	1,296.5	1,300.4	1,306.7
Pennsylvania	5,076.6	5,074.0	5,105.4	5,114.1	5,088.9	5,097.1	5,101.9	5,085.6	5,082.5	5,067.7	5,078.6	5,086.5	5,086.8
Rhode Island	420.3	419.3	426.6	425.4	422.8	421.6	422.5	422.7	421.8	421.2	417.4	418.1	416.7
South Carolina	1,551.3	1,543.9	1,558.5	1,558.5	1,558.2	1,559.2	1,554.9	1,552.5	1,557.7	1,556.3	1,556.8	1,566.4	1,560.7
South Dakota	309.9	310.3	311.8	312.2	312.9	312.0	311.7	313.8	314.1	316.4	316.8	318.0	316.0
Tennessee	2,242.3	2,244.0	2,258.8	2,259.5	2,260.7	2,264.1	2,263.2	2,262.7	2,270.7	2,269.9	2,274.6	2,293.2	2,295.6
Texas	7,324.6	7,339.1	7,431.0	7,430.6	7,430.3	7,424.8	7,407.3	7,401.9	7,416.7	7,424.9	7,442.7	7,460.4	7,476.2
Utah	776.6	778.2	784.0	791.1	793.9	795.4	798.2	801.7	806.4	809.6	813.3	818.6	824.3
Vermont	251.0	249.2	251.1	253.7	253.0	253.0	252.0	250.0	249.0	248.4	250.2	250.2	251.6
Virginia	2,851.4	2,849.0	2,867.5	2,866.5	2,853.6	2,860.5	2,855.2	2,847.5	2,859.6	2,853.4	2,863.3	2,870.5	2,874.0
Washington	2,229.4	2,232.0	2,242.3	2,244.9	2,240.4	2,242.4	2,237.1	2,232.3	2,230.9	2,225.6	2,238.1	2,247.6	2,253.5
West Virginia	643.7	644.3	647.6	646.3	647.2	650.5	653.2	649.2	647.6	648.3	648.9	652.0	652.7
Wisconsin	2,363.1	2,365.0	2,378.4	2,388.1	2,386.5	2,383.7	2,392.7	2,386.8	2,393.0	2,393.8	2,399.8	2,408.0	2,410.7
Wyoming	205.5	205.6	205.9	205.3	205.0	204.5	205.7	206.5	206.5	204.8	207.2	208.9	209.0

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	1992		1993										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
	Construction												
Alabama	76.7	77.0	77.5	78.2	77.2	76.9	76.1	75.6	76.2	75.4	75.3	76.8	76.6
Alaska	10.5	10.7	10.6	10.7	11.0	10.8	10.9	11.1	11.4	11.5	11.7	11.7	11.5
Arizona	83.9	83.9	82.3	84.5	85.0	84.9	84.7	85.0	86.0	87.3	87.2	89.7	90.7
Arkansas	38.5	38.9	39.1	38.6	38.7	38.6	38.4	39.2	39.3	39.1	38.9	38.9	39.4
California	465.4	458.2	443.1	451.2	460.8	460.0	460.1	456.2	458.2	458.2	454.9	456.1	458.3
Colorado	78.1	75.5	75.2	76.8	79.2	82.1	82.0	84.2	84.3	83.0	82.8	82.7	80.3
Connecticut	47.4	47.5	48.5	49.3	47.3	48.9	45.9	43.9	43.8	43.3	42.4	43.1	44.8
Delaware	19.2	19.4	19.6	19.6	19.0	19.1	19.6	19.7	19.5	19.6	19.2	19.0	19.0
District of Columbia	8.5	8.4	9.1	9.2	9.0	9.8	9.6	9.4	9.4	9.4	9.4	9.1	9.1
Florida	268.8	271.5	279.3	281.6	278.7	278.6	277.0	275.3	278.4	274.8	275.8	280.2	281.5
Georgia	120.2	121.4	123.2	126.3	125.8	125.9	127.3	127.3	130.8	131.6	131.7	131.1	130.2
Hawaii ²	31.5	31.3	31.6	32.1	31.6	31.7	31.3	31.0	30.8	30.6	30.4	30.4	30.1
Idaho	23.6	23.7	23.7	23.9	23.6	24.1	24.4	23.8	23.6	23.5	24.2	24.6	24.8
Illinois	201.4	202.4	202.3	205.6	203.2	201.0	196.0	195.7	196.1	197.2	197.1	198.5	201.7
Indiana	109.6	109.8	111.9	111.5	109.0	110.0	111.8	113.9	113.7	113.5	114.2	115.3	117.1
Iowa	47.1	46.1	47.9	48.0	47.4	44.3	46.3	47.6	47.8	48.3	48.4	49.4	50.5
Kansas	44.3	44.8	45.5	46.5	46.0	45.1	45.5	45.5	44.9	46.0	46.6	47.2	47.2
Kentucky	70.5	71.1	69.4	71.1	68.7	68.6	68.7	69.6	70.2	69.6	70.3	70.7	71.4
Louisiana	99.6	100.2	103.1	102.6	100.0	99.9	99.0	99.2	99.2	98.2	98.3	98.6	99.7
Maine	21.4	21.9	23.5	23.4	23.1	22.7	21.8	21.3	21.7	21.0	21.3	21.1	21.7
Maryland	114.7	114.6	116.4	115.0	112.8	111.2	112.4	110.8	112.0	110.7	109.6	110.8	110.8
Massachusetts	72.9	72.7	79.4	78.8	75.5	74.1	71.7	71.3	73.6	73.1	74.1	77.0	77.5
Michigan	127.1	127.5	132.9	131.6	128.1	128.4	132.2	132.5	136.2	133.6	134.2	133.9	134.3
Minnesota	76.5	77.6	77.9	78.0	78.3	77.3	77.3	77.3	77.6	77.2	77.9	79.9	80.7
Mississippi	35.5	35.8	36.8	38.8	38.8	38.2	37.7	38.0	36.9	37.6	38.9	39.5	38.6
Missouri	91.3	92.3	91.3	96.0	94.1	93.4	93.6	93.1	92.1	93.2	94.7	97.3	99.2
Montana	13.7	13.7	13.6	14.4	14.1	13.9	13.9	14.1	13.5	13.6	13.5	14.0	14.2
Nebraska	28.3	28.8	28.6	29.1	28.8	28.7	29.2	29.1	29.2	29.2	29.5	30.3	30.8
Nevada	41.4	42.3	44.1	46.0	45.6	45.9	46.3	45.8	46.2	45.4	45.4	46.5	46.2
New Hampshire	16.3	15.8	17.5	17.5	17.6	17.1	16.6	16.7	18.9	16.9	16.8	16.7	16.5
New Jersey	104.1	103.7	109.4	105.6	101.8	99.7	98.6	96.0	93.9	93.8	94.1	96.3	96.7
New Mexico	30.4	30.4	31.7	31.7	31.8	32.3	32.9	32.6	33.6	34.0	34.6	35.2	35.7
New York	228.8	227.9	235.4	235.1	237.9	238.0	238.6	236.8	237.5	235.5	235.3	237.5	237.4
North Carolina	146.6	147.8	149.1	149.1	147.8	147.9	147.8	148.0	149.1	149.2	149.3	150.3	150.7
North Dakota	10.9	11.1	11.9	12.0	11.7	11.4	11.5	11.6	11.4	11.4	11.8	12.1	12.2
Ohio	182.6	183.6	186.5	186.6	188.2	184.8	184.3	183.9	183.1	182.5	182.8	182.4	183.3
Oklahoma	37.9	37.8	38.3	40.3	40.3	39.7	40.0	39.6	39.1	38.4	38.6	38.8	38.3
Oregon	48.8	48.4	48.7	50.9	50.8	50.2	50.3	49.8	51.4	52.0	52.7	52.2	53.4
Pennsylvania	195.0	194.7	198.9	198.3	191.4	192.4	193.8	192.1	192.3	190.9	191.7	194.1	195.8
Rhode Island	12.2	12.6	14.1	13.8	13.5	13.8	14.1	13.7	13.4	13.0	13.0	12.5	12.4
South Carolina	81.9	81.7	82.0	82.6	81.9	81.8	81.1	80.6	82.1	81.4	81.3	81.7	80.3
South Dakota	12.3	12.8	12.6	12.8	12.6	12.3	12.8	13.3	13.2	13.0	12.9	13.2	13.0
Tennessee	83.6	83.4	85.5	86.6	86.3	86.8	87.6	88.0	88.8	89.4	90.5	92.6	92.5
Texas	345.4	347.7	351.7	351.2	348.7	348.7	347.0	349.2	350.8	349.8	348.6	351.1	354.8
Utah	36.0	36.5	38.7	40.0	39.7	39.1	38.3	38.5	38.8	39.3	39.9	40.6	42.0
Vermont	11.8	12.1	13.0	13.0	13.1	12.4	11.9	11.5	11.3	11.3	11.2	10.7	11.0
Virginia	145.3	146.3	148.9	149.4	148.4	146.2	145.3	144.7	146.5	147.6	148.0	149.0	148.8
Washington	120.9	121.7	122.3	124.0	122.8	122.5	121.5	120.5	121.2	121.9	122.9	125.5	126.3
West Virginia	27.8	27.8	29.3	29.5	29.3	29.9	31.0	30.4	30.6	30.7	30.6	31.5	31.4
Wisconsin	93.7	94.6	94.2	96.0	96.0	96.4	100.1	101.1	102.7	103.0	104.8	105.0	104.6
Wyoming	11.4	11.5	11.4	11.3	10.7	10.7	10.8	11.0	10.9	10.9	11.2	11.6	11.9

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	1992		1993										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
	Manufacturing												
Alabama	381.8	382.5	384.7	385.7	384.1	382.3	379.9	378.4	376.6	377.5	377.7	376.8	376.9
Alaska	16.9	17.0	18.7	19.2	19.6	17.1	15.8	17.3	16.7	17.1	17.3	17.5	16.9
Arizona	170.5	170.5	171.0	170.9	171.5	171.1	171.6	171.3	170.4	170.6	170.4	170.3	170.9
Arkansas	237.6	238.3	239.9	242.0	242.2	243.1	242.4	241.1	241.7	241.0	241.7	242.5	243.0
California	1,854.6	1,846.1	1,843.7	1,837.2	1,824.7	1,818.6	1,806.1	1,798.3	1,797.2	1,788.9	1,774.1	1,770.6	1,768.1
Colorado	183.6	182.7	184.5	183.8	183.5	183.4	182.7	182.7	182.3	182.7	182.7	183.6	183.0
Connecticut	300.7	298.8	297.9	297.5	295.3	293.8	292.0	290.0	288.8	285.2	287.8	287.5	285.0
Delaware	68.2	67.4	67.2	67.0	66.2	66.6	66.2	65.8	65.5	65.0	64.9	65.1	64.7
District of Columbia	13.9	13.8	13.8	13.7	13.6	13.6	13.8	14.0	13.8	13.7	13.8	13.8	13.8
Florida	477.9	475.9	480.5	481.5	481.2	480.0	479.5	478.8	481.8	480.8	480.8	481.0	479.5
Georgia	546.5	546.6	551.4	551.4	547.8	548.4	546.2	546.4	546.4	545.0	545.2	545.8	548.5
Hawaii	19.1	19.0	18.9	18.7	18.9	18.7	18.7	18.4	18.6	18.5	18.3	18.1	18.0
Idaho	66.5	67.0	68.2	67.9	68.0	68.1	68.2	67.9	68.8	68.3	68.8	69.5	69.7
Illinois	925.3	926.2	927.9	926.9	924.7	925.5	920.6	915.8	921.9	921.0	919.0	924.6	925.7
Indiana	628.9	631.1	638.3	636.3	633.4	631.5	629.8	630.4	628.2	628.2	627.5	628.6	630.3
Iowa	231.2	231.3	232.4	233.5	233.8	232.6	231.8	232.2	228.9	231.2	230.4	231.7	233.2
Kansas	181.0	180.7	179.8	179.2	179.1	179.1	179.0	180.1	180.4	180.0	179.2	178.8	178.4
Kentucky	288.7	288.7	294.2	292.0	291.4	291.7	291.9	290.3	291.1	291.0	290.0	290.9	291.4
Louisiana	185.1	185.1	186.7	186.0	185.6	183.0	182.5	182.3	184.1	184.3	184.7	184.5	184.9
Maine	92.0	91.2	92.9	92.6	91.8	92.3	92.0	91.3	91.1	91.6	91.2	92.4	92.3
Maryland	180.8	180.9	182.2	182.2	181.1	181.2	180.8	178.6	178.5	177.4	175.9	176.7	178.7
Massachusetts	454.9	452.5	454.4	452.0	449.2	449.1	446.5	444.5	441.4	438.0	437.8	439.6	437.2
Michigan	898.8	902.0	916.8	913.1	908.8	899.6	895.3	893.6	891.4	885.5	886.9	891.7	905.5
Minnesota	397.9	398.4	398.8	399.5	398.3	398.0	396.9	394.4	396.5	395.1	396.8	398.0	399.5
Mississippi	250.8	251.9	253.1	254.8	255.3	253.1	252.2	251.3	250.0	249.8	250.0	251.0	252.3
Missouri	409.8	405.8	412.1	410.1	410.6	408.4	406.8	405.4	402.2	399.6	399.1	401.5	404.1
Montana	22.8	22.9	23.1	23.5	23.3	23.1	22.7	22.7	22.8	22.7	22.7	22.9	22.2
Nebraska	100.9	101.1	101.7	101.5	102.2	101.7	101.9	101.9	101.7	102.7	103.3	103.3	103.2
Nevada	26.4	26.5	26.7	26.8	26.8	27.2	27.1	26.9	27.2	27.2	27.3	27.0	27.1
New Hampshire	96.9	96.6	98.2	98.1	97.2	97.6	97.2	96.6	96.4	96.5	96.4	96.3	96.8
New Jersey	520.5	519.2	518.9	514.1	510.5	510.8	508.9	506.3	507.0	503.8	507.5	505.4	502.8
New Mexico	40.4	40.4	40.2	40.3	40.6	40.2	40.2	40.5	40.5	40.7	41.6	42.1	42.3
New York	1,000.1	999.4	1,008.1	1,004.4	997.0	989.2	984.2	971.5	974.1	965.4	963.8	964.5	965.1
North Carolina	835.0	836.5	840.6	842.5	843.1	841.9	843.8	843.4	848.5	844.3	845.6	847.0	849.7
North Dakota	18.7	18.7	19.1	19.3	19.0	19.3	19.3	19.5	19.4	19.7	19.5	19.3	19.3
Ohio	1,046.8	1,049.2	1,062.5	1,058.5	1,050.2	1,044.9	1,043.4	1,038.0	1,037.2	1,033.4	1,035.5	1,033.6	1,036.4
Oklahoma	163.5	163.5	164.5	165.3	164.3	164.0	163.4	162.7	164.1	163.1	163.8	165.0	165.6
Oregon	205.1	206.2	207.0	208.6	209.5	208.4	206.7	205.9	205.1	205.2	206.9	208.7	207.9
Pennsylvania	936.2	935.8	939.9	940.2	937.3	937.4	932.1	926.2	928.1	922.1	920.5	920.0	920.8
Rhode Island	89.0	88.4	90.1	89.8	89.5	88.7	88.8	88.8	88.1	87.8	86.8	86.7	86.2
South Carolina	371.1	371.5	373.8	371.6	370.6	369.9	368.5	367.1	366.3	365.2	365.4	364.1	363.1
South Dakota	37.8	38.2	38.5	38.6	39.1	39.3	39.5	39.7	39.7	40.3	40.2	40.7	40.6
Tennessee	512.9	514.6	518.2	517.1	517.9	518.2	518.3	515.5	517.1	515.9	515.7	517.3	519.1
Texas	972.8	973.7	981.3	985.6	985.8	984.5	982.6	981.2	981.5	981.0	986.1	989.1	987.5
Utah	105.0	104.8	105.2	106.2	107.0	107.7	107.7	107.7	108.3	108.5	109.2	109.9	110.9
Vermont	43.2	43.0	43.3	43.2	43.5	43.7	43.4	43.5	43.0	42.8	43.2	42.8	43.0
Virginia	406.2	404.3	408.6	406.6	404.0	403.1	404.7	403.2	402.4	401.6	400.6	400.9	400.3
Washington	342.9	343.0	343.3	343.8	342.1	341.5	341.2	339.0	335.8	335.7	335.6	336.6	334.8
West Virginia	82.8	82.6	83.3	83.6	83.0	82.7	82.7	82.5	82.2	82.5	82.7	82.3	82.5
Wisconsin	545.2	546.1	551.3	553.1	553.5	551.9	550.7	546.6	548.7	549.4	547.9	550.4	552.4
Wyoming	9.1	9.2	9.2	9.2	9.3	9.2	9.1	9.2	9.5	9.4	9.4	9.5	9.5

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	1992		1993										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
	Transportation and public utilities												
Alabama	82.6	82.5	82.4	82.3	81.9	82.4	82.5	82.6	82.5	82.5	83.0	83.0	83.3
Alaska	22.7	22.8	23.0	22.9	22.7	22.9	23.2	23.0	22.9	22.9	22.9	22.6	23.2
Arizona	81.5	81.6	77.8	78.6	78.2	78.1	77.9	77.8	78.2	77.6	78.0	77.9	77.5
Arkansas	55.4	55.4	56.1	56.1	56.2	56.4	56.2	56.4	56.2	56.1	56.0	58.3	58.6
California	604.6	603.4	604.5	603.0	602.3	602.6	601.4	599.5	598.0	597.5	597.6	597.1	596.3
Colorado	100.3	100.3	100.5	100.5	100.6	101.0	101.8	101.4	102.2	102.8	102.7	102.1	102.1
Connecticut	66.9	66.4	67.2	67.7	66.6	65.1	65.2	64.8	66.1	65.6	65.6	65.5	65.1
Delaware	14.2	14.3	14.7	14.4	14.7	14.9	14.7	14.5	14.7	14.8	14.8	14.8	15.0
District of Columbia	23.0	23.0	23.0	23.0	23.4	23.2	23.0	23.1	23.0	22.9	22.7	22.7	22.4
Florida	273.8	277.1	273.8	276.3	278.0	278.4	279.2	279.1	278.2	276.9	278.6	277.2	279.0
Georgia	198.5	197.8	200.7	202.2	201.6	203.0	202.9	204.0	203.6	203.6	205.0	204.1	204.6
Hawaii	43.2	43.3	43.2	42.8	42.6	42.4	41.9	41.6	41.5	41.2	41.2	41.0	40.2
Idaho	20.5	20.4	20.9	21.0	20.8	20.6	20.4	20.2	20.3	20.3	20.3	20.4	20.9
Illinois	299.7	300.4	303.2	301.9	301.9	303.1	302.0	300.6	301.4	300.0	301.4	302.0	301.2
Indiana	129.7	129.5	130.0	129.6	129.8	128.7	128.7	129.0	128.6	129.0	129.2	130.7	131.8
Iowa	54.3	54.3	54.5	54.5	53.9	53.6	53.6	53.3	53.7	53.6	53.6	53.5	53.5
Kansas	64.2	63.8	65.5	65.6	65.6	66.0	65.8	65.3	65.5	65.0	65.5	66.0	66.2
Kentucky	82.7	82.6	83.3	83.3	83.1	83.0	82.4	82.5	82.2	82.2	83.2	83.6	83.3
Louisiana	104.7	104.6	105.5	105.6	105.0	105.8	104.8	104.2	104.3	104.1	103.2	103.2	103.1
Maine	21.3	21.2	21.7	21.3	21.6	21.4	20.9	20.8	20.5	20.8	20.4	20.4	20.5
Maryland	99.1	99.4	99.1	98.3	97.7	97.9	97.4	97.1	97.7	97.5	97.7	98.1	97.4
Massachusetts	120.8	119.9	121.1	119.1	117.7	118.4	117.8	118.0	118.6	118.0	118.0	118.9	118.2
Michigan	155.1	154.2	154.5	154.3	154.3	155.5	156.0	155.2	154.8	153.7	154.1	155.2	155.1
Minnesota	109.0	108.8	108.8	108.5	107.9	108.1	107.8	107.4	107.7	107.6	107.6	108.2	108.4
Mississippi	45.2	46.3	45.5	45.4	45.2	45.4	45.0	45.0	45.3	44.6	44.7	45.0	44.2
Missouri	150.0	149.4	151.2	152.1	152.1	152.6	152.4	152.8	154.1	152.8	153.4	152.9	153.7
Montana	20.0	20.0	20.2	20.2	20.1	20.1	20.1	20.0	20.1	20.1	19.8	20.1	20.3
Nebraska	47.1	47.2	47.2	47.3	47.4	47.6	47.2	47.0	47.1	46.6	46.7	46.5	47.1
Nevada	33.2	33.3	33.4	33.7	33.8	33.7	33.3	33.1	33.3	33.2	33.4	33.7	33.9
New Hampshire	16.9	17.0	17.6	17.8	17.7	17.4	17.1	17.0	16.7	16.4	17.0	17.0	16.9
New Jersey	227.9	227.1	230.6	232.1	229.9	229.8	230.0	230.1	226.9	225.9	225.9	225.4	226.1
New Mexico	28.6	28.5	28.7	28.7	28.7	28.6	28.3	28.3	28.4	28.5	28.5	28.9	28.8
New York	396.4	396.6	397.6	396.1	395.2	394.5	394.0	393.2	392.4	390.5	390.0	392.4	392.9
North Carolina	154.5	154.6	156.1	155.6	155.2	155.6	155.6	155.9	154.9	154.4	153.9	154.9	155.4
North Dakota	17.4	17.5	17.7	17.7	17.5	17.5	17.4	17.8	17.9	17.8	17.8	17.9	17.8
Ohio	210.7	210.4	211.1	211.5	210.8	210.0	209.8	209.4	208.8	208.2	207.2	207.2	206.3
Oklahoma	69.4	69.1	70.0	70.3	70.1	70.1	69.4	68.6	68.8	68.6	68.3	68.0	67.7
Oregon	65.4	65.4	66.0	65.7	65.8	65.7	65.1	65.1	64.4	64.3	64.3	64.3	64.8
Pennsylvania	264.4	264.0	266.9	266.9	266.9	266.2	266.1	266.1	264.5	263.3	264.5	264.2	264.9
Rhode Island	14.5	14.5	14.9	15.0	14.8	14.9	14.9	14.6	14.7	14.7	14.7	14.6	14.8
South Carolina	64.3	64.0	65.1	65.0	64.9	64.5	64.8	64.3	63.5	63.4	63.8	64.2	64.2
South Dakota	14.6	14.6	14.7	14.7	14.9	14.6	14.6	14.7	14.8	14.9	14.7	14.6	14.6
Tennessee	121.2	121.4	121.7	121.4	121.3	121.3	121.6	122.3	122.9	123.4	123.6	125.2	124.1
Texas	433.1	431.5	438.4	439.4	438.9	440.2	440.0	439.3	439.5	439.6	440.7	441.8	445.3
Utah	44.1	44.0	44.2	44.9	45.2	45.3	45.5	45.8	46.1	46.4	47.2	47.4	47.8
Vermont	11.0	11.0	11.1	11.0	11.1	10.9	11.0	10.9	10.5	10.5	10.5	10.6	10.8
Virginia	146.0	146.1	146.3	146.0	144.7	145.1	144.1	144.6	144.6	144.5	144.3	144.8	144.3
Washington	113.2	113.1	113.0	113.5	112.7	112.9	111.9	111.2	110.0	110.2	110.9	110.9	111.0
West Virginia	38.5	38.6	38.4	38.2	38.4	38.2	38.7	38.3	38.7	38.7	38.8	38.9	38.9
Wisconsin	109.5	109.3	111.0	111.9	111.7	111.2	111.2	111.5	111.3	110.9	111.7	111.7	112.0
Wyoming	14.0	14.1	14.2	14.1	14.1	14.3	14.3	14.4	14.4	14.3	14.5	14.5	14.5

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	1992		1993										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
	Wholesale and retail trade												
Alabama	369.9	370.5	372.2	373.8	372.4	372.1	370.1	369.3	369.2	369.6	370.8	372.8	373.4
Alaska	48.1	48.1	48.3	48.3	48.2	48.7	48.8	48.9	49.1	49.3	50.0	50.2	50.3
Arizona	379.8	378.3	380.8	381.6	380.2	381.1	381.3	381.3	385.8	385.7	387.0	388.8	387.5
Arkansas	216.5	217.2	218.4	218.5	217.9	217.0	216.6	215.9	216.1	217.3	218.3	219.2	219.9
California	2,809.7	2,802.7	2,807.8	2,805.8	2,801.5	2,796.8	2,787.1	2,777.3	2,777.9	2,768.5	2,763.6	2,752.3	2,744.2
Colorado	389.5	389.5	392.1	394.3	394.2	396.2	395.7	394.4	396.2	395.4	397.7	402.0	401.9
Connecticut	328.3	328.0	329.7	329.3	327.1	327.1	324.6	323.1	321.8	321.2	319.9	319.3	317.2
Delaware	76.6	76.4	76.8	76.6	75.9	75.8	75.6	75.8	76.0	75.8	75.5	75.9	76.4
District of Columbia	53.4	53.2	53.9	53.9	53.2	54.2	53.2	52.8	53.5	52.6	52.1	52.7	51.8
Florida	1,417.8	1,418.7	1,426.1	1,427.3	1,432.1	1,434.1	1,435.2	1,434.1	1,444.1	1,444.2	1,444.0	1,448.7	1,447.4
Georgia	755.5	756.5	763.5	766.5	765.1	766.9	764.1	766.6	775.0	774.0	771.6	778.1	776.7
Hawaii	133.0	133.0	132.6	133.3	133.2	133.0	132.8	133.0	133.3	131.8	132.1	132.5	131.6
Idaho	107.3	107.7	107.6	108.0	107.9	108.6	108.4	108.1	108.8	108.4	108.2	110.0	110.8
Illinois	1,232.8	1,230.6	1,231.4	1,234.7	1,230.8	1,233.8	1,237.8	1,236.2	1,244.8	1,247.4	1,249.1	1,256.2	1,250.4
Indiana	597.2	597.0	602.2	601.2	599.0	597.6	598.5	598.7	598.5	598.2	599.1	606.9	608.5
Iowa	316.6	316.6	318.9	319.8	319.7	318.4	318.7	318.6	319.2	319.0	319.7	320.2	319.9
Kansas	274.5	274.2	278.8	280.4	279.7	278.8	277.7	276.5	278.1	276.1	276.7	278.7	278.8
Kentucky	358.1	357.1	361.3	362.8	360.5	359.5	359.4	360.0	361.2	360.0	360.3	362.1	358.7
Louisiana	379.9	378.2	384.0	384.6	382.7	379.4	377.0	374.0	378.8	378.7	379.0	380.0	380.8
Maine	132.0	131.2	130.6	131.6	129.8	129.4	128.6	125.8	126.1	127.3	129.0	131.0	131.3
Maryland	501.7	501.3	505.3	505.9	500.1	502.5	503.0	499.3	499.9	497.5	496.6	497.2	495.8
Massachusetts	640.1	637.5	651.8	650.6	646.3	645.6	643.2	639.5	638.6	637.5	635.6	638.0	641.8
Michigan	933.4	935.7	947.3	950.2	939.7	934.7	935.5	933.8	936.8	933.6	931.8	936.5	940.5
Minnesota	532.3	532.8	535.0	535.1	533.2	533.7	535.3	534.8	534.3	534.0	535.9	538.2	539.7
Mississippi	202.7	202.1	204.3	204.6	203.3	202.5	201.3	202.4	202.6	202.6	202.4	205.2	205.3
Missouri	553.4	552.5	557.9	560.0	557.6	557.8	556.0	555.3	553.7	553.8	555.1	557.1	557.4
Montana	86.8	86.8	87.9	88.1	88.0	87.8	87.5	86.7	87.4	87.6	87.4	88.3	88.5
Nebraska	189.0	189.0	189.9	190.3	189.1	188.1	188.6	186.9	184.8	186.4	186.7	189.4	189.0
Nevada	132.0	132.0	132.7	133.0	132.9	133.2	132.5	132.2	132.8	133.3	133.8	135.0	135.5
New Hampshire	123.6	123.3	127.0	127.7	125.7	125.6	125.1	123.9	123.8	123.0	122.5	124.1	123.5
New Jersey	802.9	799.9	804.1	804.3	796.4	796.9	797.3	798.8	798.2	794.0	790.2	793.1	790.6
New Mexico	142.3	142.8	143.2	143.9	143.6	144.5	144.8	145.1	145.6	146.0	146.8	147.6	148.1
New York	1,553.6	1,551.0	1,554.9	1,565.8	1,557.5	1,560.6	1,562.1	1,559.1	1,558.8	1,549.1	1,546.2	1,546.7	1,546.3
North Carolina	721.4	722.3	732.2	734.5	727.7	726.1	725.4	722.9	725.8	726.9	727.7	730.3	731.5
North Dakota	73.7	73.9	74.8	74.8	73.9	73.7	73.6	73.9	74.2	74.4	74.4	74.9	74.7
Ohio	1,164.0	1,165.7	1,187.2	1,167.7	1,166.6	1,165.5	1,163.1	1,162.6	1,161.9	1,161.8	1,162.5	1,163.2	1,163.1
Oklahoma	281.1	280.0	283.7	289.0	289.0	289.3	288.3	288.7	291.5	289.6	288.9	290.4	289.1
Oregon	321.9	323.0	325.2	326.6	325.2	323.8	323.0	323.7	325.6	323.3	324.5	326.1	327.0
Pennsylvania	1,155.6	1,155.2	1,171.0	1,172.5	1,164.0	1,168.0	1,169.1	1,167.5	1,165.5	1,161.9	1,160.7	1,162.4	1,162.0
Rhode Island	89.3	89.1	92.1	92.2	91.3	91.6	91.1	90.7	91.0	90.5	90.0	90.4	89.8
South Carolina	350.8	350.8	355.5	357.8	357.8	357.3	357.1	355.7	357.7	356.5	357.5	364.1	363.6
South Dakota	80.0	80.1	80.6	80.8	81.2	80.8	80.6	80.3	80.8	81.4	81.6	81.3	81.5
Tennessee	520.4	519.9	523.8	525.9	525.7	526.6	525.9	527.8	530.4	529.7	531.2	535.4	534.9
Texas	1,763.0	1,763.4	1,784.2	1,794.3	1,791.9	1,793.0	1,783.3	1,779.6	1,785.1	1,787.5	1,781.8	1,793.7	1,793.9
Utah	185.3	185.2	188.4	190.9	191.0	191.7	191.9	191.6	192.4	192.9	193.6	194.8	196.0
Vermont	58.5	57.8	58.5	59.0	58.5	58.5	58.9	57.9	58.2	58.1	58.2	58.4	58.8
Virginia	631.6	631.4	636.2	638.4	633.4	635.4	634.5	630.3	631.3	627.9	629.8	634.4	634.3
Washington	539.5	539.6	547.6	548.2	546.6	546.8	545.9	542.9	546.5	543.3	546.0	549.2	548.1
West Virginia	147.1	147.4	148.5	148.6	148.3	148.8	149.5	148.9	150.4	150.2	149.5	150.2	150.1
Wisconsin	545.7	546.1	550.7	551.8	551.0	551.0	551.0	550.6	549.8	549.5	549.9	552.3	552.0
Wyoming	46.5	46.5	46.8	47.1	47.3	47.3	47.5	47.6	47.4	47.3	47.5	47.7	47.4

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	1992		1993										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
	Finance, insurance, and real estate												
Alabama	73.7	73.7	74.3	74.3	74.2	74.4	74.2	74.9	74.6	74.8	75.0	75.1	75.5
Alaska	10.8	10.8	10.8	10.8	10.8	10.7	10.7	10.7	10.7	10.8	10.8	11.0	11.0
Arizona	94.7	94.7	95.9	95.9	95.4	95.5	95.2	95.0	95.2	95.4	95.8	95.8	96.1
Arkansas	39.3	39.4	39.6	39.4	39.3	39.4	39.2	39.2	39.3	39.5	39.7	39.8	39.9
California	787.1	785.9	785.5	782.2	781.4	780.4	780.2	779.8	781.0	779.8	779.6	777.8	777.0
Colorado	100.7	100.9	102.0	101.9	101.8	102.0	102.3	102.7	103.6	103.8	104.4	104.9	105.4
Connecticut	141.5	140.5	138.7	139.3	138.7	139.7	139.7	138.8	138.5	138.3	138.2	138.5	138.5
Delaware	33.5	33.3	33.8	33.8	33.5	33.6	33.5	33.4	33.8	33.7	33.9	34.0	34.4
District of Columbia	33.9	33.7	33.8	32.7	32.7	32.7	32.7	32.2	31.3	31.1	30.7	31.0	30.8
Florida	351.8	351.6	353.4	354.0	353.3	354.4	353.5	353.3	354.2	354.9	354.3	357.2	358.1
Georgia	163.0	163.1	163.7	163.9	163.7	164.0	163.4	163.5	164.6	164.1	164.2	164.7	164.3
Hawaii	37.7	37.6	37.8	37.7	37.6	37.3	37.5	37.3	37.7	37.9	38.0	38.1	38.1
Idaho	21.9	22.0	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.2	22.3	22.4	22.6
Illinois	378.0	375.8	377.2	378.3	378.1	379.2	379.5	377.2	378.9	378.4	380.0	382.1	383.2
Indiana	127.9	127.9	129.9	130.0	130.1	130.3	130.5	130.6	131.1	131.1	131.0	131.0	131.4
Iowa	73.1	73.2	73.3	73.7	73.4	73.6	73.5	73.2	73.9	73.7	73.8	74.2	74.6
Kansas	58.1	58.2	58.4	58.3	58.3	57.9	57.8	57.7	57.8	58.0	58.1	58.2	58.6
Kentucky	63.1	63.3	63.8	64.1	63.9	63.7	63.3	63.0	62.9	62.8	62.6	63.1	63.4
Louisiana	77.3	77.1	77.7	77.9	77.6	77.3	77.1	76.2	76.5	76.4	76.6	76.9	76.9
Maine	23.9	23.9	24.0	24.0	23.9	23.9	24.3	24.3	24.2	24.5	24.3	24.7	24.8
Maryland	128.6	128.5	129.1	128.5	128.4	128.6	128.4	127.7	128.4	128.1	128.5	129.3	129.3
Massachusetts	195.3	194.0	195.8	194.7	193.8	193.6	192.5	191.7	191.5	191.7	191.9	193.3	193.5
Michigan	188.0	187.6	189.2	189.3	187.8	188.5	188.1	188.2	188.8	188.5	188.0	185.0	187.8
Minnesota	131.0	131.0	132.2	132.4	132.5	133.5	133.9	134.5	135.4	135.9	136.1	137.1	137.6
Mississippi	38.3	38.4	38.8	38.8	38.6	38.5	38.7	39.3	39.3	39.5	39.5	39.4	39.4
Missouri	136.7	136.6	138.7	138.6	138.3	138.5	137.7	137.8	137.8	137.6	137.8	138.3	138.6
Montana	14.6	14.6	14.8	14.7	14.6	14.6	14.6	14.5	14.5	14.3	14.6	14.7	14.8
Nebraska	49.0	48.8	49.2	48.8	48.6	48.9	48.7	48.8	49.0	48.8	48.8	49.0	49.1
Nevada	29.6	29.6	30.3	30.5	30.6	30.6	30.8	30.9	31.1	31.2	31.3	31.6	31.6
New Hampshire	29.4	29.5	29.3	29.4	29.3	29.1	29.2	29.0	29.3	29.1	29.0	29.2	29.1
New Jersey	226.3	226.5	226.2	225.6	225.7	225.4	225.7	226.5	227.3	227.4	228.1	229.1	229.1
New Mexico	26.6	26.5	26.6	26.8	26.7	26.6	26.8	27.0	27.0	27.1	27.3	27.3	27.4
New York	734.4	732.8	735.1	734.4	731.8	731.6	731.1	730.7	730.2	728.2	729.4	732.7	730.7
North Carolina	136.3	136.8	138.2	138.5	138.7	139.1	138.6	138.6	139.0	139.0	140.2	142.0	141.7
North Dakota	13.2	13.2	13.2	13.3	13.3	13.4	13.4	13.3	13.3	13.4	13.5	13.5	13.6
Ohio	256.8	257.1	257.9	257.9	258.1	258.2	257.7	257.5	257.8	257.5	257.0	257.6	257.9
Oklahoma	60.4	60.4	60.6	60.4	60.5	60.7	60.4	60.4	60.5	60.2	60.3	60.3	60.3
Oregon	87.3	87.2	87.7	88.3	87.9	87.9	87.9	88.3	89.1	89.4	89.8	90.5	90.8
Pennsylvania	299.5	298.5	301.9	301.4	300.8	300.9	301.3	301.4	301.0	301.1	300.0	300.4	301.0
Rhode Island	24.9	24.7	24.7	24.4	24.6	24.7	24.5	24.7	24.4	24.4	24.4	24.6	24.5
South Carolina	64.7	64.6	65.4	65.1	64.9	65.3	64.8	65.2	65.2	65.1	64.8	65.2	65.4
South Dakota	17.0	17.0	17.2	17.5	17.5	17.6	17.7	17.7	17.9	17.9	17.9	17.9	18.0
Tennessee	100.6	100.4	101.5	101.2	101.2	101.0	100.6	100.5	100.9	100.4	100.4	101.4	101.3
Texas	418.7	418.5	425.8	425.0	424.5	424.3	425.7	427.7	429.8	429.1	430.7	431.3	433.2
Utah	37.7	37.6	37.8	37.8	37.9	38.4	39.0	39.6	39.8	40.4	41.0	41.6	41.7
Vermont	11.7	11.7	11.6	11.7	11.8	11.7	11.6	11.6	11.6	11.6	11.6	11.7	11.6
Virginia	147.8	148.2	149.8	150.1	149.6	150.4	149.9	149.4	150.4	150.5	150.0	152.0	152.2
Washington	117.9	117.9	117.6	117.7	117.2	117.3	116.8	117.0	117.3	117.2	118.3	118.6	119.2
West Virginia	24.8	24.7	24.8	24.9	24.8	25.0	25.1	24.9	25.1	25.0	24.9	25.0	25.1
Wisconsin	127.8	128.1	128.3	128.5	128.6	129.4	129.3	129.5	130.0	130.3	130.9	131.6	132.0
Wyoming	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.4	7.5	7.5	7.5	7.6	7.6

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	1992		1993										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
	Services												
Alabama	352.1	352.8	355.0	356.0	355.7	354.8	354.8	353.3	354.0	353.6	355.6	358.2	358.3
Alaska	54.4	54.4	54.9	54.8	54.9	55.3	55.1	55.2	55.2	55.6	55.7	55.7	55.7
Arizona	430.2	431.7	433.1	432.1	433.2	433.6	434.6	436.6	439.7	439.0	441.8	442.8	444.0
Arkansas	213.4	214.0	214.9	213.4	212.9	213.7	214.2	215.1	215.3	215.3	216.4	217.4	216.3
California	3,427.9	3,431.1	3,441.2	3,445.1	3,446.3	3,447.7	3,448.2	3,444.4	3,450.1	3,448.8	3,447.0	3,446.9	3,442.0
Colorado	449.9	451.1	450.3	451.0	451.8	455.4	455.6	456.0	459.6	460.9	464.6	469.9	470.0
Connecticut	420.6	420.5	421.6	422.4	419.3	423.2	421.4	419.6	420.4	420.1	420.2	423.9	424.9
Delaware	87.9	87.7	89.0	88.1	87.2	87.8	86.9	87.2	87.3	87.5	88.1	89.0	89.9
District of Columbia	258.1	256.2	255.0	257.0	256.1	257.0	255.2	254.0	256.2	256.8	258.1	261.8	262.5
Florida	1,707.6	1,709.0	1,710.8	1,719.6	1,722.8	1,733.9	1,737.6	1,740.6	1,748.5	1,748.9	1,756.1	1,768.0	1,771.8
Georgia	686.8	685.2	695.6	694.6	691.2	697.7	702.4	705.0	710.9	713.7	717.0	728.7	734.0
Hawaii	180.8	180.7	159.5	159.3	159.4	160.4	161.0	159.8	160.7	159.1	158.7	160.1	159.4
Idaho	92.6	93.0	92.6	89.5	92.7	93.1	92.8	92.5	92.7	92.9	93.8	95.1	95.4
Illinois	1,395.8	1,397.4	1,405.6	1,408.3	1,404.6	1,409.3	1,409.4	1,409.1	1,415.9	1,422.6	1,421.8	1,423.8	1,428.1
Indiana	564.3	565.8	565.0	567.2	565.4	565.2	563.7	565.2	566.6	587.8	565.5	569.7	573.7
Iowa	306.9	306.9	308.6	308.1	306.8	306.0	305.6	305.0	303.7	304.3	304.8	308.5	307.3
Kansas	262.2	263.1	263.8	265.4	264.3	264.6	264.3	265.0	265.2	265.9	266.7	268.7	270.8
Kentucky	354.3	354.7	359.2	359.8	359.3	357.1	358.6	356.1	356.5	356.5	356.8	358.8	360.4
Louisiana	399.8	400.4	400.2	401.3	399.8	397.6	395.5	397.3	399.1	398.3	399.2	400.1	402.8
Maine	130.3	130.0	131.4	131.2	130.9	130.1	129.9	129.7	130.3	130.5	132.9	135.7	135.8
Maryland	632.6	631.7	636.9	635.8	632.6	635.8	637.8	634.4	637.8	633.6	634.2	642.9	642.8
Massachusetts	910.3	907.5	922.8	916.3	916.5	914.8	914.8	914.6	918.6	920.1	923.1	926.4	935.6
Michigan	983.7	986.6	999.3	999.4	998.5	995.1	998.7	998.0	1,006.7	1,007.1	1,008.2	1,013.9	1,019.8
Minnesota	604.7	607.9	610.7	613.6	614.1	617.2	618.6	621.3	624.8	624.4	628.1	629.1	632.9
Mississippi	186.2	187.1	187.2	186.5	185.4	186.0	184.4	182.9	185.2	185.5	185.6	186.6	169.5
Missouri	603.8	603.8	608.6	612.2	612.2	614.6	613.1	610.9	610.9	612.2	614.3	620.7	622.4
Montana	83.2	84.1	85.1	85.4	85.0	84.5	84.2	83.9	85.6	85.7	85.6	88.0	86.0
Nebraska	187.2	186.2	185.5	184.5	185.2	185.7	186.5	185.0	184.6	184.8	186.3	188.5	189.1
Nevada	287.7	287.8	290.4	288.6	288.5	288.1	287.1	287.0	288.1	288.0	286.6	294.4	300.1
New Hampshire	130.8	131.2	133.3	132.9	132.6	132.5	132.3	131.0	131.9	131.9	132.8	135.1	134.2
New Jersey	976.4	976.6	980.2	977.7	977.8	978.7	976.3	974.1	960.9	979.0	982.1	986.2	986.1
New Mexico	160.6	160.8	160.4	161.8	161.7	162.0	163.2	163.9	165.6	165.8	187.0	167.6	168.0
New York	2,351.0	2,351.5	2,365.2	2,369.0	2,366.1	2,372.5	2,372.3	2,371.7	2,377.4	2,381.5	2,390.5	2,402.1	2,406.7
North Carolina	656.5	660.8	662.7	666.4	666.2	669.9	673.9	679.0	682.3	679.8	681.7	688.7	691.9
North Dakota	74.6	74.3	75.1	75.2	75.0	74.7	75.0	75.6	75.8	75.6	75.7	78.0	76.7
Ohio	1,246.9	1,249.5	1,255.3	1,256.6	1,258.4	1,259.8	1,259.8	1,263.3	1,263.4	1,264.3	1,265.0	1,270.1	1,272.5
Oklahoma	287.3	288.2	289.2	292.0	294.3	293.4	293.5	293.9	297.0	294.6	291.9	294.8	295.5
Oregon	314.1	313.7	316.6	319.7	319.9	320.8	320.7	322.2	322.9	322.3	325.3	326.4	328.8
Pennsylvania	1,505.8	1,507.2	1,508.6	1,515.1	1,509.6	1,514.5	1,517.8	1,511.3	1,512.3	1,508.8	1,522.3	1,525.4	1,529.6
Rhode Island	127.8	128.0	129.2	129.0	127.4	127.0	126.9	127.9	128.6	128.5	129.2	129.7	129.8
South Carolina	315.7	318.6	317.9	319.7	320.5	321.9	321.7	321.9	323.3	324.4	325.2	328.2	328.2
South Dakota	79.0	79.2	79.8	79.6	79.8	79.9	79.0	79.9	79.8	79.8	79.3	80.8	80.9
Tennessee	543.4	544.4	548.5	547.5	547.9	550.2	548.9	549.2	551.5	551.0	552.0	559.1	560.7
Texas	1,878.9	1,888.3	1,922.5	1,907.2	1,907.1	1,900.5	1,894.9	1,887.9	1,893.1	1,892.1	1,899.8	1,909.8	1,915.8
Utah	201.8	203.2	203.5	204.8	206.0	207.5	209.6	210.7	213.4	213.9	215.6	216.6	216.7
Vermont	70.8	70.0	69.3	71.9	71.6	71.8	71.1	70.8	70.7	70.7	71.8	71.9	72.6
Virginia	767.0	765.4	770.1	770.1	767.8	773.1	772.2	770.6	776.7	777.3	779.1	779.7	784.4
Washington	564.4	565.4	567.0	568.6	567.4	568.4	569.7	569.1	568.9	568.3	570.9	573.9	575.6
West Virginia	160.8	161.0	161.6	162.6	161.7	163.7	164.3	164.1	163.6	164.1	165.0	167.2	167.8
Wisconsin	578.6	579.8	580.6	582.6	582.5	582.6	584.7	583.0	586.0	585.4	589.8	591.6	593.4
Wyoming	41.9	42.1	42.1	42.0	41.9	41.6	42.7	42.0	42.2	42.1	41.9	42.3	42.8

See footnotes at end of table.

ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED

B-8. Employees on nonfarm payrolls by State and major industry, seasonally adjusted—Continued

(In thousands)

State	1992		1993										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
	Government												
Alabama	340.4	341.2	341.2	342.7	342.8	341.2	341.9	342.6	341.0	339.4	341.9	344.1	344.7
Alaska	73.9	73.4	74.9	73.8	73.7	73.8	74.4	74.0	73.2	74.0	74.2	74.2	74.0
Arizona	281.2	279.4	283.7	287.1	287.2	284.5	281.1	292.3	293.6	290.3	291.8	289.2	291.1
Arkansas	168.8	169.3	170.2	169.5	169.4	169.4	168.7	168.6	167.1	167.8	168.7	168.4	169.0
California	2,080.8	2,078.3	2,071.7	2,073.4	2,068.3	2,067.9	2,069.5	2,071.3	2,081.3	2,086.6	2,070.7	2,070.7	2,075.2
Colorado	294.1	294.3	294.2	295.3	295.4	295.7	295.4	293.4	295.6	297.2	292.9	297.0	296.2
Connecticut	205.8	204.8	204.3	204.7	207.7	205.8	206.2	207.1	211.6	209.3	205.7	207.4	207.8
Delaware	49.1	49.1	48.5	49.5	49.4	49.4	49.5	50.1	49.8	49.6	50.8	49.7	50.0
District of Columbia	289.1	289.3	289.2	290.3	289.9	290.8	290.9	289.1	296.6	290.1	287.8	287.6	268.2
Florida	870.4	872.3	870.3	875.4	873.7	884.9	878.2	884.7	890.6	894.9	888.6	894.1	894.0
Georgia	540.0	540.2	540.6	541.2	540.3	541.0	539.9	538.8	532.6	533.0	539.5	546.6	547.7
Hawaii	111.5	112.1	111.4	112.2	112.5	112.6	113.3	112.2	111.0	111.2	111.8	112.4	112.0
Idaho	87.8	87.3	87.0	88.4	87.8	87.7	88.6	87.5	88.0	88.3	89.4	90.6	90.7
Illinois	771.0	770.5	770.9	773.5	769.7	767.6	771.6	765.8	756.1	756.5	761.9	772.9	773.9
Indiana	388.9	388.5	386.2	388.6	388.7	388.9	388.9	391.6	388.8	386.2	396.4	395.3	396.0
Iowa	224.8	222.0	222.4	220.9	223.5	222.6	222.8	221.8	222.1	224.1	225.2	226.7	227.1
Kansas	228.6	228.6	228.6	230.2	231.1	232.6	231.0	233.7	234.6	228.9	234.2	235.5	233.3
Kentucky	275.9	276.4	273.2	277.3	277.6	276.7	273.8	280.0	279.7	276.7	279.1	279.8	279.6
Louisiana	329.5	330.8	334.9	335.7	336.4	331.4	329.6	336.7	346.1	350.3	350.4	345.9	348.6
Maine	94.6	94.4	94.9	95.4	95.8	94.6	94.4	94.0	93.2	94.0	93.5	94.2	93.7
Maryland	413.6	413.5	416.8	416.6	416.5	417.2	416.3	415.6	412.7	413.1	418.7	410.5	410.6
Massachusetts	375.1	373.4	371.9	373.3	374.6	375.7	374.7	372.8	374.0	374.3	375.7	377.8	376.3
Michigan	644.9	642.7	641.6	639.6	638.8	640.2	643.4	640.5	630.8	626.6	643.5	644.1	640.7
Minnesota	349.9	348.9	349.4	349.2	351.0	349.7	350.5	351.0	351.2	352.4	354.1	355.6	357.2
Mississippi	211.3	212.0	211.9	214.0	212.6	213.7	214.4	214.7	214.3	220.2	215.3	216.1	216.3
Missouri	374.0	374.3	372.5	374.8	375.1	377.0	377.2	378.2	377.2	375.3	379.7	380.9	378.9
Montana	73.8	74.0	73.9	74.2	74.2	74.0	73.5	74.2	74.2	74.6	74.4	74.3	74.5
Nebraska	151.1	145.8	147.1	147.0	146.9	146.7	146.1	144.4	147.9	148.3	147.8	148.2	148.7
Nevada	90.6	87.1	87.4	87.0	88.8	88.7	89.0	92.4	89.1	90.5	89.4	90.5	90.0
New Hampshire	72.1	72.2	71.2	72.7	72.4	72.6	71.8	72.5	73.7	73.7	76.5	77.0	76.2
New Jersey	569.3	568.9	569.1	568.7	568.6	569.9	569.0	570.1	561.1	561.3	570.5	571.4	573.6
New Mexico	160.6	156.5	157.0	157.2	157.9	157.6	159.7	158.4	158.8	159.5	159.4	159.8	160.3
New York	1,426.5	1,424.1	1,424.4	1,420.2	1,421.5	1,419.6	1,421.0	1,418.0	1,431.6	1,427.8	1,421.6	1,420.2	1,417.2
North Carolina	508.2	510.5	513.8	514.0	513.0	513.4	514.7	513.6	519.9	526.4	526.4	525.5	527.0
North Dakota	67.5	67.5	67.9	67.9	67.6	67.5	67.4	66.2	67.3	67.1	68.2	67.7	67.6
Ohio	733.4	733.5	734.8	734.3	733.3	733.4	733.9	734.7	728.0	735.6	735.8	742.2	738.0
Oklahoma	268.3	288.5	269.6	267.9	266.1	267.1	267.7	270.6	283.8	276.4	282.9	263.4	264.3
Oregon	237.5	231.8	232.1	232.6	232.6	232.5	232.0	233.0	231.9	231.4	231.6	230.8	232.6
Pennsylvania	696.9	695.6	696.1	697.8	697.2	696.1	700.2	700.5	698.4	699.3	698.7	699.8	702.4
Rhode Island	62.4	61.8	61.3	61.0	61.5	60.7	62.0	62.0	61.3	62.0	59.0	59.3	58.9
South Carolina	301.0	292.8	296.9	294.8	295.7	296.6	295.0	295.8	297.7	298.4	296.9	297.0	294.0
South Dakota	66.5	65.7	65.6	65.6	85.2	64.8	64.8	65.6	65.4	66.4	87.6	66.8	66.7
Tennessee	355.3	355.1	355.0	355.1	355.7	355.4	355.7	354.8	354.5	355.8	356.7	357.6	356.4
Texas	1,343.8	1,346.4	1,358.0	1,361.6	1,367.5	1,367.9	1,367.9	1,369.6	1,368.4	1,377.0	1,376.3	1,374.3	1,376.9
Utah	158.3	158.6	157.6	158.0	158.6	156.9	157.6	159.1	159.1	159.9	160.0	160.3	160.7
Vermont	43.5	43.1	43.9	43.4	42.9	43.4	43.5	43.2	43.1	42.9	43.2	43.6	43.2
Virginia	593.8	593.9	594.4	594.6	594.4	593.8	591.2	591.4	594.3	591.5	599.0	597.1	597.2
Washington	427.2	427.9	428.1	425.7	428.4	429.7	426.9	429.5	428.0	425.9	430.4	429.8	435.3
West Virginia	131.3	131.8	131.5	131.4	132.1	132.6	132.4	133.3	131.6	132.4	133.0	132.9	133.0
Wisconsin	360.3	358.7	359.9	361.7	360.7	358.9	363.5	362.2	362.2	363.0	362.5	363.1	362.0
Wyoming	57.4	57.1	57.2	57.2	57.2	56.7	56.6	57.4	57.0	55.9	57.1	57.4	57.2

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

^P = preliminary.
NOTE: All State data have been adjusted to March 1992 benchmarks.

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

B-9. Employees on nonfarm payrolls in States and selected areas by major industry

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Alabama	1,699.8	1,707.1	1,711.6	10.9	10.7	10.8	77.5	79.2	77.4
Birmingham	433.8	438.3	438.9	5.1	5.2	5.3	22.4	23.3	22.9
Huntsville	142.4	140.1	140.9	(¹)	(¹)	(¹)	4.8	4.7	4.7
Mobile	193.8	194.1	195.7	(¹)	(¹)	(¹)	13.2	14.3	14.1
Montgomery	140.4	142.2	142.8	(¹)	(¹)	(¹)	6.5	6.4	6.4
Tuscaloosa	67.7	69.6	70.2	2.5	2.5	2.5	3.5	3.4	3.5
Alaska	240.7	252.9	245.8	10.1	10.3	10.0	10.3	13.7	11.2
Anchorage	114.0	119.2	117.5	3.3	3.3	3.3	5.3	7.5	6.1
Arizona	1,559.9	1,583.0	1,595.8	12.6	12.3	12.2	85.6	91.6	92.4
Phoenix	1,011.3	1,028.9	1,038.8	.8	.8	.8	56.4	61.9	62.2
Tucson	273.4	276.1	278.1	2.2	1.9	1.9	15.0	16.6	16.7
Arkansas	978.4	996.2	995.1	3.6	3.7	3.7	39.0	40.8	39.8
Fayetteville-Springdale	61.4	62.9	63.4	(¹)	(¹)	(¹)	2.3	2.5	2.5
Fort Smith	83.2	82.6	82.6	.8	.9	.9	2.8	2.9	2.9
Little Rock-North Little Rock	269.3	271.7	272.0	(¹)	(¹)	(¹)	11.2	11.7	11.4
Pine Bluff	34.3	34.0	34.0	(¹)	(¹)	(¹)	.9	.9	.8
California	12,167.3	11,970.5	11,995.6	33.8	32.7	32.4	472.6	471.1	463.1
Anaheim-Santa Ana	1,125.3	1,107.6	1,108.4	1.1	.9	.9	45.9	43.7	42.6
Bakersfield	174.8	174.5	175.2	11.7	11.1	11.0	9.2	8.7	9.0
Fresno	228.5	230.8	230.0	.5	.4	.4	11.1	11.7	11.7
Los Angeles-Long Beach	3,829.8	3,744.5	3,750.7	7.9	7.9	7.9	105.4	101.8	100.6
Modesto	119.8	119.4	119.3	(²)	(²)	(²)	6.3	6.1	6.1
Oakland	868.6	854.6	855.0	3.2	3.1	3.0	41.7	41.4	40.5
Oxnard-Ventura	225.6	222.1	223.1	1.9	1.8	1.8	10.4	10.5	10.5
Riverside-San Bernardino	724.9	709.5	714.7	1.2	1.4	1.4	39.3	38.6	38.2
Sacramento	626.0	622.6	628.8	.8	.7	.7	29.6	31.1	30.9
Salinas-Seaside-Monterey	108.5	108.5	108.2	.3	.3	.3	3.9	3.8	3.8
San Diego	945.7	928.4	930.0	.5	.5	.5	42.4	41.0	39.8
San Francisco	923.0	913.2	916.7	.6	.6	.6	28.7	29.4	29.1
San Jose	783.2	770.5	770.3	.2	.2	.2	27.5	28.5	27.9
Santa Barbara-Santa Maria-Lompoc	143.1	140.5	140.6	1.1	1.0	1.0	5.3	5.2	4.9
Santa Rosa-Petaluma	143.6	143.9	143.9	.6	.6	.6	8.1	8.7	8.6
Stockton	154.6	154.0	152.7	.1	.1	.1	8.1	6.5	6.4
Vallejo-Fairfield-Napa	140.9	139.4	138.6	.5	.4	.4	9.8	10.1	10.0
Colorado	1,620.7	1,661.1	1,664.6	16.3	15.8	15.7	78.8	86.9	82.9
Boulder-Longmont	131.1	134.6	135.4	(¹)	(¹)	(¹)	4.6	4.8	4.8
Denver	884.9	906.9	907.8	8.5	8.2	8.1	42.9	50.7	48.2
Connecticut	1,531.8	1,498.0	1,503.9	.9	.9	.9	50.0	47.2	47.4
Bridgeport-Milford	177.3	175.9	176.1	(²)	(²)	(²)	4.7	4.7	4.6
Hartford	434.8	422.0	425.6	(¹)	(¹)	(¹)	12.3	12.4	12.1
New Britain	62.0	61.2	61.6	(²)	(²)	(²)	4.1	3.7	3.8
New Haven-Meriden	236.4	235.0	235.6	(¹)	(¹)	(¹)	8.4	8.6	8.9
Stamford	113.3	111.8	111.6	(¹)	(¹)	(¹)	2.9	2.6	2.5
Waterbury	81.9	81.5	82.5	(²)	(²)	(²)	2.6	2.5	2.5
Delaware	351.0	349.1	351.7	.1	.1	.1	19.5	19.7	19.3
Wilmington	293.5	289.7	290.7	.2	.2	.2	15.9	14.6	14.4
District of Columbia	678.4	675.7	675.5	.1	.1	.1	8.9	9.4	9.5
Washington MSA	2,201.3	2,209.6	2,215.8	.6	.6	.7	96.1	97.7	97.7
Florida	5,412.2	5,500.1	5,556.1	6.8	5.9	6.0	272.8	284.6	285.5
Daytona Beach	124.1	126.2	128.9	(²)	(²)	(²)	6.2	6.6	6.6
Fort Lauderdale-Hollywood-Pompano Beach	524.0	535.2	540.8	.2	.2	.2	28.2	30.2	29.9
Fort Myers-Cape Coral	126.6	129.6	132.3	(²)	(²)	(²)	10.3	11.4	11.8
Gainesville	104.5	106.8	106.6	(²)	(²)	(²)	3.8	3.5	3.5
Jacksonville	421.4	426.3	428.5	(²)	(²)	(²)	22.3	23.4	23.5
Lakeland-Winter Haven	148.3	151.0	152.4	3.1	2.4	2.4	6.7	6.7	6.6
Melbourne-Titusville-Palm Bay	161.5	160.6	161.9	(²)	(²)	(²)	7.2	7.5	7.6
Miami-Hialeah	875.9	889.8	900.2	.6	.6	.6	34.9	41.9	41.1
Orlando	578.5	595.5	599.5	(²)	(²)	(²)	29.9	29.6	30.1
Pensacola	133.9	134.3	134.5	(²)	(²)	(²)	7.3	7.7	7.8
Sarasota	115.7	116.0	117.6	(²)	(²)	(²)	7.1	7.4	7.4
Tallahassee	129.8	132.5	132.6	(²)	(²)	(²)	5.0	5.2	5.0
Tampa-St. Petersburg-Clearwater	878.4	881.0	892.2	.4	.4	.4	41.8	40.1	40.2
West Palm Beach-Boca Raton-Delray Beach	358.8	357.4	364.6	(²)	(²)	(²)	20.0	20.2	19.8

See footnotes at end of table.

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

B-9. 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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Alabama	383.3	379.1	378.5	82.5	83.1	83.2	375.3	374.1	378.8
Birmingham	54.6	53.9	53.8	30.7	30.7	30.6	105.3	105.7	106.6
Huntsville	32.4	31.0	31.0	3.2	3.3	3.3	27.0	26.8	27.2
Mobile	27.9	27.5	27.3	10.9	10.7	10.7	50.3	49.9	51.2
Montgomery	16.8	17.4	17.3	5.8	5.8	5.7	32.4	32.5	33.0
Tuscaloosa	10.2	10.7	10.7	2.2	2.2	2.2	14.4	14.5	14.8
Alaska	12.4	14.8	12.3	21.8	22.6	22.3	47.6	49.9	49.8
Anchorage	1.8	1.9	1.8	12.0	12.2	12.1	26.7	27.7	27.8
Arizona	171.6	171.7	171.8	81.8	78.0	77.8	387.7	388.2	395.6
Phoenix	127.7	127.3	127.2	56.8	54.1	54.1	253.6	256.4	262.8
Tucson	23.7	24.4	24.5	11.0	11.0	11.0	65.9	64.0	64.5
Arkansas	237.8	243.4	243.2	56.0	57.4	57.2	217.6	219.8	221.0
Fayetteville-Springdale	14.6	15.5	15.5	4.4	4.6	4.7	13.8	13.9	14.1
Fort Smith	24.5	25.5	25.3	5.2	5.4	5.4	17.0	16.9	16.9
Little Rock-North Little Rock	33.6	33.9	33.9	17.3	17.4	17.4	63.1	62.9	63.6
Pine Bluff	7.1	7.1	7.0	2.3	2.1	2.1	7.2	7.0	7.1
California	1,854.9	1,779.7	1,768.1	608.8	600.9	600.6	2,859.8	2,764.7	2,794.8
Anaheim-Santa Ana	215.0	206.5	205.7	35.4	36.8	36.8	282.5	272.2	275.5
Bakersfield	10.5	10.5	10.4	8.6	8.4	8.4	42.1	41.6	42.0
Fresno	25.1	26.8	25.3	12.3	12.2	12.3	57.7	55.8	56.5
Los Angeles-Long Beach	703.8	656.4	653.7	203.5	198.6	198.8	863.5	838.5	847.2
Modesto	24.1	24.1	22.8	5.4	5.5	5.6	30.7	30.1	30.4
Oakland	107.5	102.9	102.4	54.6	53.8	53.5	203.5	199.2	201.4
Oxnard-Ventura	31.2	30.4	29.9	10.6	9.9	10.0	53.9	52.6	53.1
Riverside-San Bernardino	85.4	82.9	82.6	36.7	36.7	36.8	189.4	181.1	183.6
Sacramento	41.9	42.7	42.7	29.2	29.1	29.3	145.1	141.5	144.2
Salinas-Seaside-Monterey	8.3	9.4	9.1	5.1	5.1	5.1	28.8	28.3	28.5
San Diego	121.0	114.9	114.1	34.8	34.7	34.7	221.9	213.2	215.0
San Francisco	76.9	75.8	75.9	77.4	75.5	75.3	197.7	191.6	193.9
San Jose	230.4	223.2	222.3	22.4	22.7	22.6	159.1	153.5	155.6
Santa Barbara-Santa Maria-Lompoc	18.5	17.5	17.3	5.2	4.8	4.8	32.8	32.5	33.1
Santa Rosa-Petaluma	20.4	20.6	20.4	5.8	5.8	5.8	36.2	35.1	35.4
Stockton	20.9	21.1	20.5	9.9	10.3	10.0	39.1	38.1	38.1
Vallejo-Fairfield-Napa	12.6	12.2	12.2	5.8	6.1	6.1	35.4	35.2	35.3
Colorado	185.1	185.1	184.5	100.8	102.2	102.6	392.5	400.1	404.9
Boulder-Longmont	28.3	28.8	28.7	3.1	3.3	3.3	28.0	28.5	28.8
Denver	89.6	88.1	87.6	72.5	73.5	74.1	216.6	218.9	222.0
Connecticut	302.8	288.8	287.1	67.9	66.4	66.1	335.4	320.9	323.9
Bridgeport-Milford	45.4	45.4	45.1	7.3	6.8	6.9	40.1	38.4	38.8
Hartford	69.9	81.6	61.4	17.7	16.7	16.7	92.4	90.2	92.1
New Britain	16.3	16.0	15.9	2.6	2.6	2.5	12.8	12.9	13.2
New Haven-Meriden	42.0	41.8	41.6	15.9	15.6	15.6	48.0	47.3	47.4
Stamford	17.2	16.6	16.5	5.0	4.8	4.8	26.3	26.2	26.5
Waterbury	17.4	17.1	17.3	3.3	3.3	3.3	16.9	16.1	16.5
Delaware	88.5	65.3	65.0	14.3	14.8	15.0	77.6	75.8	77.4
Wilmington	57.9	54.1	54.1	16.2	16.5	16.6	60.0	58.0	58.9
District of Columbia	13.9	13.8	13.8	23.0	22.7	22.4	54.3	52.8	52.7
Washington MSA	79.2	78.5	78.7	102.7	101.8	101.1	410.1	403.0	407.2
Florida	481.3	481.3	483.0	273.8	277.2	279.0	1,431.6	1,431.1	1,481.3
Daytona Beach	11.2	11.2	11.2	3.8	3.8	3.8	35.4	36.0	36.2
Fort Lauderdale-Hollywood-Pompano Beach	40.5	41.7	41.7	25.2	26.3	26.3	152.4	152.4	156.6
Fort Myers-Cape Coral	5.4	5.4	5.3	5.8	5.8	5.8	35.8	36.1	37.7
Gainesville	5.5	6.0	5.8	2.1	2.1	2.1	22.0	22.1	22.4
Jacksonville	33.6	34.0	33.9	31.1	30.4	30.8	110.1	109.9	111.5
Lakeland-Winter Haven	20.2	20.5	20.9	7.2	7.2	7.2	42.1	42.8	43.6
Melbourne-Titusville-Palm Bay	28.8	27.8	27.9	4.6	4.7	4.8	36.0	35.5	36.6
Miami-Hialeah	83.7	84.8	85.1	68.0	71.0	72.0	232.8	232.8	237.4
Orlando	45.6	46.0	46.2	33.2	34.8	35.0	146.0	149.1	151.2
Pensacola	11.2	11.2	11.2	6.1	5.9	5.9	31.9	32.1	32.3
Sarasota	7.3	7.3	7.4	3.7	3.6	3.6	32.8	32.5	33.4
Tallahassee	4.4	4.2	4.2	3.1	3.1	3.1	27.2	28.1	28.7
Tampa-St. Petersburg-Clearwater	85.8	83.8	84.3	39.4	39.6	39.8	234.1	228.5	233.3
West Palm Beach-Boca Raton-Delray Beach	31.7	30.3	30.9	14.3	14.6	14.8	97.8	95.6	99.1

See footnotes at end of table.

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

B-9. 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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Alabama	73.6	75.1	75.4	352.0	359.3	358.3	344.7	346.5	349.2
Birmingham	30.3	31.2	31.4	114.2	118.0	117.7	71.2	70.3	70.6
Huntsville	4.0	4.2	4.2	37.2	36.7	36.7	33.6	33.4	33.8
Mobile	7.9	8.0	7.9	50.8	51.3	51.2	32.8	32.4	33.3
Montgomery	8.1	8.1	8.1	33.9	34.8	35.0	36.9	37.2	37.3
Tuscaloosa	2.2	2.3	2.3	10.2	10.9	10.9	22.5	23.1	23.3
Alaska	10.8	11.0	11.0	52.8	55.0	54.1	74.9	75.8	75.1
Anchorage	6.6	6.8	6.8	29.5	30.6	30.6	28.8	29.2	29.0
Arizona	95.0	96.0	96.4	431.9	444.4	445.7	293.7	300.8	303.9
Phoenix	75.0	76.1	76.4	290.7	300.0	301.5	150.3	152.3	153.8
Tucson	11.6	11.7	11.7	79.9	81.2	81.5	64.1	65.3	66.3
Arkansas	39.1	39.8	39.7	212.5	219.1	217.4	172.8	172.4	173.1
Fayetteville-Springdale	1.7	1.8	1.8	12.4	12.5	12.6	12.2	12.1	12.2
Fort Smith	2.6	2.7	2.6	21.0	19.5	19.7	9.3	8.8	8.9
Little Rock-North Little Rock	15.9	16.3	16.3	74.1	74.7	74.4	54.1	54.8	55.0
Pine Bluff	1.2	1.2	1.2	7.4	7.6	7.6	8.2	8.1	8.2
California	787.5	777.5	777.4	3,447.2	3,464.1	3,462.7	2,102.7	2,079.8	2,096.5
Anaheim-Santa Ana	95.1	92.4	91.9	321.2	326.8	325.0	129.1	128.3	130.0
Bakersfield	5.7	5.7	5.6	40.8	41.9	41.6	46.2	46.6	47.2
Fresno	13.2	13.0	13.1	55.2	56.3	56.0	53.4	54.8	54.7
Los Angeles-Long Beach	250.1	246.4	245.8	1,154.4	1,159.0	1,158.5	541.2	535.9	538.2
Modesto	5.1	5.1	5.1	26.6	26.6	26.6	21.6	21.9	22.7
Oakland	57.3	56.4	56.3	230.2	232.2	232.0	170.6	165.6	165.9
Oxnard-Ventura	12.2	12.3	12.2	60.6	61.3	61.6	44.8	43.3	44.0
Riverside-San Bernardino	30.9	30.0	30.3	185.4	184.9	186.4	156.6	153.9	155.4
Sacramento	42.5	43.5	43.5	149.2	149.7	151.2	187.7	184.3	186.3
Salinas-Seaside-Monterey	6.4	6.5	6.5	28.3	28.6	28.4	27.4	26.5	26.5
San Diego	61.1	59.8	59.8	283.1	284.7	284.9	180.9	179.6	181.4
San Francisco	102.2	102.0	102.1	307.0	307.7	308.6	132.5	130.6	131.2
San Jose	31.5	30.8	30.9	224.1	224.7	223.9	86.0	86.9	86.9
Santa Barbara-Santa Maria-Lompoc	7.7	7.6	7.6	42.7	42.2	41.8	29.8	29.7	30.1
Santa Rosa-Petaluma	9.6	9.4	9.3	37.0	38.0	38.1	25.9	25.7	25.7
Stockton	8.9	8.7	8.7	34.9	35.3	34.8	34.7	33.9	34.1
Vallejo-Fairfield-Napa	5.2	4.8	4.8	34.4	35.4	34.7	37.2	35.2	35.1
Colorado	99.8	104.3	104.5	445.4	462.9	465.3	302.0	303.8	304.2
Boulder-Longmont	4.7	4.8	5.0	36.8	38.1	38.4	25.6	26.3	26.4
Denver	66.8	69.5	69.4	247.6	256.7	257.1	140.4	141.3	141.3
Connecticut	140.9	138.1	137.9	421.7	426.4	426.2	212.2	209.3	214.4
Bridgeport-Milford	10.3	10.2	10.2	50.4	50.9	50.9	19.1	19.5	19.6
Hartford	69.7	69.1	68.5	108.0	109.9	110.5	64.8	62.1	64.3
New Britain	4.1	4.1	4.1	14.3	14.2	14.4	7.8	7.7	7.7
New Haven-Meriden	14.3	14.0	13.9	74.0	74.6	74.6	33.8	33.1	33.6
Stamford	13.5	13.3	13.3	37.6	37.7	37.5	10.8	10.6	10.7
Waterbury	4.3	4.3	4.4	24.8	25.2	25.2	12.6	13.0	13.3
Delaware	33.3	34.0	34.2	87.6	89.3	89.7	50.1	50.1	51.0
Wilmington	29.7	30.4	30.6	74.1	76.3	75.6	39.5	39.6	40.3
District of Columbia	33.6	30.7	30.5	257.4	260.9	259.9	287.3	285.3	286.6
Washington MSA	127.6	126.1	126.1	770.6	791.0	789.8	614.6	610.9	614.5
Florida	352.0	356.8	356.5	1,704.7	1,754.8	1,769.1	889.2	908.4	913.7
Daytona Beach	5.4	5.4	5.4	38.8	40.5	40.7	23.3	24.7	25.0
Fort Lauderdale-Hollywood-Pompano Beach	39.3	39.1	39.3	163.5	168.5	169.9	74.7	76.8	76.9
Fort Myers-Cape Coral	7.9	7.8	7.8	40.1	41.6	42.2	21.2	21.4	21.6
Gainesville	4.4	4.5	4.5	27.0	27.3	27.3	39.6	41.2	40.9
Jacksonville	44.8	44.4	44.4	117.6	120.7	120.7	61.7	63.1	63.3
Lakeland-Winter Haven	7.6	7.5	7.6	38.1	39.5	39.8	23.3	24.4	24.3
Melbourne-Titusville-Palm Bay	4.9	5.4	5.4	55.4	54.9	54.8	24.6	24.8	24.8
Miami-Hialeah	82.9	64.1	64.6	265.1	267.7	271.2	127.9	126.9	128.2
Orlando	34.1	35.9	36.0	218.0	226.6	227.2	71.5	73.3	73.6
Pensacola	5.2	5.0	5.0	40.6	41.8	41.6	31.3	30.2	30.3
Sarasota	7.5	7.6	7.8	43.7	43.5	44.0	13.6	14.1	14.2
Tallahassee	5.2	5.2	5.1	30.0	30.2	30.1	54.7	56.3	56.2
Tampa-St. Petersburg-Clearwater	62.5	83.4	84.0	294.1	304.4	308.2	120.3	120.8	122.0
West Palm Beach-Boca Raton-Delray Beach	26.0	26.2	26.5	120.5	121.3	123.9	48.5	49.2	49.6

See footnotes at end of table.

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

B-9. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Georgia	3,042.2	3,120.2	3,138.9	7.4	7.4	7.4	122.5	134.0	132.8
Albany	51.4	51.6	51.7	(⁹)	(⁹)	(⁹)	2.6	3.0	2.8
Athens	70.4	72.6	73.1	.1	.1	.1	2.0	2.2	2.2
Atlanta	1,538.6	1,604.5	1,615.4	1.1	1.0	1.0	64.7	75.5	75.8
Augusta	184.6	182.2	182.5	.5	.5	.5	13.1	12.1	12.1
Columbus	98.3	98.5	99.7	.1	.1	.1	3.6	3.5	3.5
Macon-Warner Robins	128.7	127.6	129.1	.1	.1	.1	3.6	3.5	3.6
Savannah	119.0	121.2	121.3	(⁹)	(⁹)	(⁹)	6.3	5.7	5.7
Hawaii	540.1	529.5	532.5	(¹)	(¹)	(¹)	31.6	30.6	30.2
Honolulu	417.6	407.7	410.5	(¹)	(¹)	(¹)	23.2	23.1	22.9
Idaho	426.4	441.9	441.1	2.5	2.5	2.5	24.8	26.3	26.0
Boise City	121.6	128.4	129.4	(¹)	(¹)	(¹)	8.4	9.2	9.2
Illinois	5,264.7	5,309.1	5,322.8	18.3	14.8	14.7	208.8	215.0	208.9
Aurora-Elgin	154.7	158.8	156.9	(¹)	(¹)	(¹)	8.6	8.6	8.4
Bloomington-Normal	72.0	72.8	72.2	(¹)	(¹)	(¹)	2.3	2.4	2.3
Champaign-Urbana-Rantoul	94.6	95.2	94.0	(¹)	(¹)	(¹)	3.3	3.2	2.7
Chicago	3,119.1	3,158.1	3,166.7	1.6	1.5	1.5	115.9	117.7	116.3
Davenport-Rock Island-Moline	186.4	167.7	167.5	(¹)	(¹)	(¹)	8.2	8.4	8.4
Decatur	56.0	54.7	54.6	(¹)	(¹)	(¹)	3.3	3.1	2.9
Joliet	118.2	119.5	118.5	(¹)	(¹)	(¹)	9.2	9.6	9.0
Kankakee	39.4	38.8	38.8	(¹)	(¹)	(¹)	1.7	1.9	1.8
Lake County	235.5	239.8	238.6	(¹)	(¹)	(¹)	10.9	11.8	11.7
Peoria	153.5	154.6	154.8	(¹)	(¹)	(¹)	7.7	7.6	7.3
Rockford	139.1	137.7	140.0	(¹)	(¹)	(¹)	5.0	5.4	5.4
Springfield	109.9	111.3	111.5	(¹)	(¹)	(¹)	4.9	4.8	4.5
Indiana	2,577.0	2,609.2	2,619.0	7.0	6.4	6.2	112.8	121.5	120.2
Anderson	50.8	49.5	49.7	(¹)	(¹)	(¹)	1.5	1.8	1.8
Bloomington	59.8	60.5	60.6	(¹)	(¹)	(¹)	3.0	3.2	3.2
Elkhart-Goshen	101.1	104.7	104.7	(¹)	(¹)	(¹)	2.9	3.0	3.1
Evansville	141.6	142.2	143.0	1.9	1.4	1.4	8.3	8.2	7.7
Fort Wayne	204.5	208.1	207.8	(¹)	(¹)	(¹)	9.1	9.9	9.5
Gary-Hammond	247.3	243.5	244.6	(¹)	(¹)	(¹)	15.2	14.4	14.1
Indianapolis	688.3	697.5	701.1	.7	.7	.6	34.7	34.4	34.3
Kokomo	47.5	49.9	50.1	(¹)	(¹)	(¹)	1.1	1.1	1.0
Lafayette-West Lafayette	74.4	75.9	76.1	(¹)	(¹)	(¹)	2.8	3.0	2.9
Muncie	57.2	58.9	59.3	(¹)	(¹)	(¹)	1.9	2.4	2.3
South Bend-Mishawaka	120.4	121.6	121.0	(¹)	(¹)	(¹)	6.5	6.8	6.8
Terre Haute	62.6	61.0	61.4	.4	.4	.4	3.3	2.9	2.9
Iowa	1,270.1	1,278.1	1,282.0	2.2	2.2	2.2	49.0	53.7	52.3
Cedar Rapids	97.4	96.8	97.7	(¹)	(¹)	(¹)	5.0	4.8	4.8
Des Moines	246.3	248.5	247.8	(¹)	(¹)	(¹)	10.2	10.5	10.2
Dubuque	47.5	47.9	48.1	(¹)	(¹)	(¹)	1.8	1.9	1.8
Iowa City	58.8	59.0	59.5	(¹)	(¹)	(¹)	1.8	2.0	1.9
Sioux City	59.1	59.2	59.1	(¹)	(¹)	(¹)	2.9	3.4	3.2
Waterloo-Cedar Falls	74.0	75.1	75.3	(¹)	(¹)	(¹)	3.0	3.1	3.0
Kansas	1,132.0	1,148.8	1,151.8	8.8	8.5	8.4	45.2	49.3	48.1
Lawrence	40.3	40.8	41.0	(¹)	(¹)	(¹)	1.5	1.4	1.4
Topeka	93.1	93.2	93.5	(¹)	(¹)	(¹)	3.5	3.9	3.6
Wichita	249.1	244.1	243.8	1.7	1.7	1.7	11.8	12.4	12.3
Kentucky	1,538.0	1,548.8	1,551.0	29.1	27.2	27.0	72.6	73.9	73.5
Lexington-Fayette	213.2	216.4	216.8	.2	.2	.2	11.6	11.1	11.2
Louisville	496.8	506.0	509.3	.5	.8	.6	23.1	25.2	25.1
Owensboro	38.4	38.8	39.1	.5	.5	.5	2.4	2.3	2.3
Louisiana	1,631.7	1,646.7	1,649.8	44.6	43.6	43.7	101.9	102.3	102.1
Alexandria	48.0	49.0	49.1	.1	.1	.1	2.9	3.2	3.2
Baton Rouge	251.8	252.5	251.9	.8	.9	.9	30.9	30.4	29.8
Houma-Thibodaux	58.1	59.6	59.5	4.3	4.7	4.6	3.1	3.4	3.2
Lafayette	101.3	102.3	102.6	10.6	10.8	10.8	5.3	5.4	5.5
Lake Charles	71.6	73.6	73.8	1.0	1.0	1.0	8.7	9.5	9.4
Monroe	61.9	61.4	61.7	.4	.4	.4	3.4	3.5	3.5
New Orleans	540.7	537.2	540.4	13.7	12.4	12.2	23.3	23.7	23.9
Shreveport	140.0	142.1	142.2	2.7	2.6	2.6	6.5	7.6	7.8

See footnotes at end of table.

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

B-9. 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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Georgia	548.8	548.3	550.9	199.8	205.6	205.9	769.1	780.5	791.0
Albany	7.8	7.4	7.5	2.6	2.6	2.7	13.4	12.8	12.8
Athens	14.9	15.1	15.2	1.9	1.8	1.8	16.8	17.6	17.6
Atlanta	173.2	174.8	176.2	134.2	137.2	137.5	426.4	443.3	450.8
Augusta	42.4	40.7	40.6	5.0	5.0	5.0	40.0	38.7	39.3
Columbus	20.7	20.7	20.8	3.4	3.7	3.7	21.7	21.3	22.1
Macon-Warner Robins	18.4	18.9	18.7	4.8	4.7	4.6	30.4	30.0	31.1
Savannah	16.9	16.8	16.8	10.3	10.9	11.1	28.9	29.0	29.3
Hawaii	19.1	18.0	18.0	43.5	41.1	40.5	133.6	131.3	132.0
Honolulu	14.1	13.3	13.3	35.8	33.6	33.0	101.5	99.1	99.6
Idaho	67.3	71.2	70.5	20.7	20.9	21.1	108.2	110.8	111.7
Boise City	18.8	20.3	20.5	6.1	6.3	6.3	29.7	30.2	30.7
Illinois	926.9	925.5	927.2	303.0	305.0	304.5	1,249.7	1,257.1	1,268.0
Aurora-Elgin	38.7	39.2	39.2	3.6	3.5	3.5	37.8	38.9	38.9
Bloomington-Normal	7.0	7.3	7.4	3.0	3.1	2.9	16.6	16.5	16.6
Champaign-Urbana-Rantoul	10.2	10.2	10.2	2.3	2.5	2.4	20.9	20.9	20.6
Chicago	510.1	516.7	516.2	200.6	201.6	201.9	736.4	741.9	750.7
Davenport-Rock Island-Moline	26.2	26.3	26.4	7.4	7.9	8.0	50.1	49.9	50.1
Decatur	14.3	13.5	13.3	4.8	4.8	5.0	12.4	12.3	12.3
Joliet	21.1	21.4	21.4	9.3	9.5	9.5	27.0	26.9	26.8
Kankakee	6.2	6.5	6.5	1.5	1.6	1.6	9.7	9.6	9.7
Lake County	51.4	51.8	51.9	7.9	7.9	7.9	63.5	63.8	64.0
Peoria	31.8	32.0	32.2	7.8	7.8	7.8	36.2	37.0	37.0
Rockford	42.4	40.4	42.0	4.7	5.0	5.0	31.3	30.7	31.2
Springfield	4.0	4.1	4.1	5.0	5.1	5.2	25.2	25.3	25.7
Indiana	630.8	632.6	632.3	130.1	131.3	132.2	606.0	608.1	617.5
Anderson	14.9	13.3	13.2	1.1	1.2	1.2	11.7	11.5	11.8
Bloomington	9.1	8.9	8.9	1.7	1.7	1.8	13.6	14.4	14.5
Elkhart-Goshen	51.5	53.8	53.4	2.6	2.5	2.6	19.1	19.7	19.9
Evansville	31.1	32.2	32.5	6.7	6.7	6.7	35.9	35.3	35.7
Fort Wayne	51.6	52.8	52.4	13.5	14.3	14.3	49.8	48.5	49.3
Gary-Hammond	53.1	52.0	51.9	17.8	17.2	17.3	59.3	58.8	60.0
Indianapolis	109.1	110.9	110.5	41.3	41.1	40.8	177.1	161.5	184.3
Kokomo	18.3	19.2	19.4	1.3	1.3	1.3	10.5	10.5	10.6
Lafayette-West Lafayette	14.8	14.7	14.7	2.1	2.3	2.3	14.7	14.7	15.0
Muncie	10.9	10.8	10.9	4.4	4.4	4.6	12.5	12.8	13.0
South Bend-Mishawaka	20.8	21.1	20.9	5.5	5.4	5.4	30.0	30.4	30.5
Terre Haute	11.3	11.4	11.4	2.5	2.4	2.4	17.4	17.0	17.4
Iowa	232.2	233.7	234.1	54.5	53.8	53.7	320.3	321.3	323.7
Cedar Rapids	20.8	20.7	20.8	5.4	5.2	5.3	23.2	23.2	23.4
Des Moines	24.8	25.1	25.2	12.3	12.1	12.0	63.5	64.8	65.8
Dubuque	12.3	12.6	12.7	1.8	1.8	1.8	10.8	11.0	11.3
Iowa City	4.4	4.4	4.5	1.6	1.6	1.6	11.3	11.1	11.1
Sioux City	11.6	11.8	11.7	3.5	3.6	3.6	14.7	14.2	14.4
Waterloo-Cedar Falls	15.8	15.7	15.7	1.9	1.9	1.9	17.6	18.1	18.3
Kansas	180.9	178.4	178.2	64.4	66.2	66.4	277.9	279.6	282.3
Lawrence	4.8	4.7	4.7	.9	1.0	1.0	9.4	9.7	9.9
Topeka	9.0	9.0	9.2	6.1	6.4	6.5	20.9	20.6	21.0
Wichita	59.9	56.0	55.8	11.7	11.6	11.6	58.0	55.4	55.7
Kentucky	289.8	292.5	292.5	83.3	84.2	84.0	365.7	363.5	366.4
Lexington-Fayette	33.3	34.0	34.3	8.9	8.8	8.7	48.0	49.5	49.6
Louisville	87.8	89.2	89.5	33.8	34.9	35.2	122.6	122.3	123.6
Owensboro	6.4	6.2	6.2	2.0	2.0	2.0	9.8	9.8	10.1
Louisiana	187.2	187.4	187.0	105.7	104.2	104.1	383.9	381.7	385.0
Alexandria	3.3	3.4	3.4	2.3	2.5	2.5	10.6	10.8	10.9
Baton Rouge	23.6	23.0	23.0	11.5	11.6	11.6	54.5	54.7	55.1
Houma-Thibodaux	4.9	5.1	5.0	5.8	5.6	5.7	14.8	15.0	15.1
Lafayette	9.7	9.8	10.0	6.1	6.0	5.9	26.7	26.7	26.8
Lake Charles	10.8	11.1	11.1	4.5	4.6	4.6	16.1	16.7	16.8
Monroe	8.2	7.9	8.0	2.9	3.0	3.0	15.2	15.4	15.7
New Orleans	44.4	43.0	43.2	40.1	39.5	39.5	138.1	135.8	137.1
Shreveport	17.1	17.0	16.9	8.0	7.6	7.6	34.0	34.3	34.2

See footnotes at end of table.

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

B-9. 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. 1992	Oct. 1993	Nov. 1993P	Nov. 1992	Oct. 1993	Nov. 1993P	Nov. 1992	Oct. 1993	Nov. 1993P
Georgia	163.1	164.5	164.4	686.1	729.9	733.3	545.4	550.0	553.2
Albany	2.0	2.1	2.1	11.3	11.7	11.8	11.7	12.0	12.0
Athens	2.1	2.1	2.1	11.4	11.5	11.5	21.2	22.2	22.6
Atlanta	105.7	105.4	105.2	406.1	438.9	439.7	227.2	228.4	229.2
Augusta	6.1	6.5	6.5	40.1	40.6	40.4	37.4	37.9	36.1
Columbus	6.8	7.3	7.3	21.9	22.4	22.6	20.1	19.5	19.6
Macon-Warner Robins	7.8	8.2	8.2	27.8	27.3	27.7	35.8	34.9	35.1
Savannah	4.3	4.1	4.1	33.4	35.2	34.7	18.9	19.5	19.6
Hawaii	37.8	38.1	38.2	161.1	159.3	159.7	113.4	111.1	113.9
Honolulu	31.3	31.2	31.3	119.1	117.4	118.0	92.6	90.0	92.4
Idaho	21.9	22.5	22.6	91.5	95.2	94.3	89.5	92.5	92.4
Boise City	9.1	9.3	9.4	28.2	30.9	30.6	21.3	22.2	22.7
Illinois	375.9	380.2	381.2	1,395.2	1,430.9	1,428.1	786.9	780.6	790.2
Aurora-Elgin	9.4	9.6	9.6	38.7	40.7	39.4	17.9	18.3	17.9
Bloomington-Normal	12.0	12.3	12.1	17.1	17.2	17.2	14.0	14.0	13.7
Champaign-Urbana-Rantoul	3.1	3.2	3.2	18.8	18.9	18.8	36.0	36.3	36.1
Chicago	263.1	267.3	268.0	903.4	929.3	927.3	388.0	382.1	384.8
Davenport-Rock Island-Moline	8.0	7.9	7.9	39.5	41.1	40.7	27.0	26.2	26.0
Decatur	2.4	2.4	2.4	12.7	12.7	12.7	6.1	5.9	6.0
Joliet	4.3	4.5	4.5	28.7	29.3	29.2	18.6	18.3	18.1
Kankakee	1.7	1.7	1.6	11.1	10.6	10.6	7.5	6.9	7.0
Lake County	15.3	15.5	15.5	54.7	57.1	55.5	31.8	31.9	32.1
Peoria	8.6	8.4	8.5	44.1	44.1	44.3	17.3	17.7	17.7
Rockford	6.3	6.3	6.4	36.0	36.5	36.6	13.4	13.4	13.4
Springfield	8.0	8.1	8.1	29.6	30.4	30.5	33.2	33.5	33.4
Indiana	127.3	130.5	130.8	564.8	574.6	574.3	398.3	404.1	405.5
Anderson	1.5	1.5	1.5	12.0	12.4	12.3	8.0	7.7	7.8
Bloomington	2.0	2.1	2.0	10.6	10.5	10.4	20.0	19.7	19.8
Elkhart-Goshen	2.6	2.5	2.5	15.6	16.0	16.1	6.8	7.0	7.0
Evansville	5.8	6.0	6.1	36.8	37.3	37.5	15.1	15.1	15.4
Fort Wayne	11.7	11.7	11.7	48.1	50.3	49.8	20.6	20.6	20.7
Gary-Hammond	8.8	9.1	9.2	57.3	56.0	55.7	35.9	36.1	36.4
Indianapolis	53.9	54.4	54.4	166.3	170.0	171.5	105.2	104.6	104.7
Kokomo	1.4	1.6	1.6	8.1	8.5	8.5	6.7	7.6	7.6
Lafayette-West Lafayette	3.1	3.3	3.3	13.6	14.5	14.5	23.2	23.3	23.3
Muncie	1.8	1.8	1.9	12.4	13.2	13.2	13.3	13.4	13.4
South Bend-Mishawaka	6.9	6.7	6.6	38.0	38.0	37.6	12.7	13.2	13.3
Terre Haute	2.2	2.3	2.3	14.2	13.7	13.7	11.5	10.9	11.0
Iowa	72.7	73.9	74.2	308.6	309.9	308.8	230.6	229.6	233.0
Cedar Rapids	5.1	5.2	5.2	26.0	25.6	26.0	11.9	12.1	12.2
Des Moines	33.6	34.5	34.6	67.9	66.5	66.5	34.0	33.0	33.5
Dubuque	1.7	1.7	1.7	15.1	14.9	14.8	4.0	4.0	4.0
Iowa City	1.6	1.7	1.7	10.4	10.3	10.6	27.7	27.9	28.1
Sioux City	2.6	2.6	2.6	16.8	16.6	16.6	7.0	7.0	7.0
Waterloo-Cedar Falls	4.0	3.9	3.9	18.1	18.5	18.5	13.6	13.9	14.0
Kansas	57.7	57.9	58.2	261.6	269.8	270.0	235.5	239.1	240.2
Lawrence	1.8	1.7	1.7	8.4	8.5	8.4	13.5	13.8	13.9
Topeka	6.3	6.2	6.3	23.7	24.2	23.9	23.6	22.9	23.0
Wichita	11.1	11.5	11.5	64.2	64.2	64.0	30.7	31.3	31.4
Kentucky	62.8	62.9	63.1	354.0	360.6	360.0	280.7	284.0	284.5
Lexington-Fayette	9.3	9.4	9.6	52.9	53.4	52.6	49.0	50.0	50.6
Louisville	27.7	28.1	28.5	134.1	137.8	138.4	67.2	67.9	68.4
Owensboro	1.3	1.4	1.4	9.5	9.8	9.8	6.5	6.8	6.8
Louisiana	77.3	77.0	76.9	399.6	402.1	402.4	331.5	348.4	348.6
Alexandria	2.1	2.1	2.1	13.7	13.7	13.7	13.0	13.2	13.2
Baton Rouge	14.2	14.5	14.4	58.8	59.3	59.2	57.5	58.1	57.9
Houma-Thibodaux	2.2	2.2	2.2	11.0	11.5	11.4	12.0	12.1	12.3
Lafayette	4.0	4.0	4.0	24.9	25.7	25.7	14.0	13.9	13.9
Lake Charles	2.7	2.6	2.6	15.7	15.7	15.9	12.1	12.4	12.4
Monroe	4.2	4.3	4.2	14.8	15.0	15.0	12.8	11.9	11.9
New Orleans	28.9	29.2	29.1	157.9	160.4	162.2	94.3	93.2	93.2
Shreveport	6.5	6.7	6.7	36.6	37.5	37.6	28.6	28.8	28.8

See footnotes at end of table.

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

B-9. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Maine	521.7	530.7	526.5	0.1	0.1	0.1	22.6	23.8	23.0
Lewiston-Auburn	38.5	39.8	40.1	(⁹)	(⁹)	(⁹)	1.6	1.5	1.5
Portland	123.6	126.6	127.1	(⁹)	(⁹)	(⁹)	5.4	5.8	5.7
Maryland	2,094.8	2,080.3	2,087.3	1.2	1.2	1.2	117.1	115.1	113.2
Baltimore MSA	1,101.0	1,084.4	1,088.8	.2	.2	.2	55.5	54.3	53.1
Baltimore City	421.6	416.7	416.7	(¹)	(¹)	(¹)	12.5	12.1	11.8
Suburban Maryland-D.C.	758.5	757.8	760.5	(¹)	(¹)	(¹)	49.8	48.6	48.5
Massachusetts	2,802.6	2,801.4	2,814.1	1.2	1.2	1.2	77.9	83.6	82.5
Boston	1,565.2	1,556.5	1,567.8	.4	.3	.3	39.4	42.1	41.3
Brockton	64.9	63.5	64.0	(⁹)	(⁹)	(⁹)	1.8	1.8	1.8
Fall River	50.1	49.9	50.6	(⁹)	(⁹)	(⁹)	1.3	1.1	1.1
Fitchburg-Leominster	37.1	36.8	37.0	(⁹)	(⁹)	(⁹)	1.0	.8	.8
Lawrence-Haverhill	150.7	148.4	149.1	(⁹)	(⁹)	(⁹)	5.2	5.3	5.2
Lowell	92.2	90.1	90.4	(¹)	(¹)	(¹)	3.6	3.6	3.6
New Bedford	60.2	59.4	59.7	(⁹)	(⁹)	(⁹)	2.0	1.8	1.7
Pittsfield	38.7	39.4	39.6	.1	.1	.1	1.4	1.3	1.3
Springfield	216.7	213.0	213.6	.2	.2	.2	5.6	5.7	5.7
Worcester	185.2	185.4	186.9	.2	.2	.2	5.7	5.5	5.6
Michigan	3,996.1	4,026.9	4,048.5	8.6	6.3	8.2	133.8	146.2	141.3
Ann Arbor	182.8	180.0	180.6	(¹)	(¹)	(¹)	3.7	4.3	4.2
Battle Creek	61.3	62.0	62.4	(¹)	(¹)	(¹)	2.0	2.2	2.1
Benton Harbor	67.4	68.3	68.1	(¹)	(¹)	(¹)	1.9	2.0	1.9
Detroit	1,909.9	1,920.2	1,937.3	.7	1.0	1.0	59.1	63.0	61.1
Flint	166.8	164.5	165.5	(¹)	(¹)	(¹)	5.0	5.5	5.5
Grand Rapids	372.0	379.1	380.5	(¹)	(¹)	(¹)	15.6	16.7	16.4
Jackson	54.6	55.7	55.8	(¹)	(¹)	(¹)	1.6	1.7	1.7
Kalamazoo	118.1	119.1	119.8	(¹)	(¹)	(¹)	4.3	4.4	4.4
Lansing-East Lansing	218.8	218.7	219.2	(¹)	(¹)	(¹)	6.3	6.6	6.3
Muskegon	56.6	56.9	56.9	(¹)	(¹)	(¹)	1.9	2.2	2.0
Saginaw-Bay City-Midland	166.6	167.6	187.8	(¹)	(¹)	(¹)	7.5	8.9	8.8
Minnesota	2,231.8	2,283.3	2,286.0	7.6	7.6	7.4	80.0	88.9	84.1
Duluth	102.4	102.1	102.3	4.7	5.5	5.5	4.3	3.7	3.6
Minneapolis-St. Paul	1,423.9	1,448.3	1,453.1	(⁹)	(⁹)	(⁹)	47.8	51.1	48.9
Rochester	69.1	69.9	69.7	(¹)	(¹)	(¹)	2.4	2.5	2.3
St. Cloud	88.0	90.3	91.2	(¹)	(¹)	(¹)	4.0	4.4	4.2
Mississippi	985.5	998.2	1,001.3	5.1	5.1	5.1	37.0	41.2	40.1
Jackson	193.0	195.4	196.5	.5	.5	.5	7.3	7.8	7.6
Missouri	2,343.3	2,377.2	2,376.4	4.8	4.5	4.4	92.9	102.2	100.8
Kansas City	789.4	800.1	800.9	(¹)	(¹)	(¹)	32.2	35.4	34.7
St. Louis	1,166.4	1,175.5	1,175.7	(¹)	(¹)	(¹)	49.6	52.3	51.6
Springfield	128.5	132.0	133.0	(¹)	(¹)	(¹)	4.8	5.2	5.1
Montana	323.2	330.8	328.6	5.8	5.4	5.6	14.6	16.1	15.1
Nebraska	758.5	760.9	762.7	1.5	1.6	1.5	28.6	31.5	31.0
Lincoln	127.2	126.8	127.2	(¹)	(¹)	(¹)	4.4	5.0	4.9
Omaha	338.9	337.8	338.2	(¹)	(¹)	(¹)	13.2	14.0	14.1
Nevada	659.4	676.9	682.3	13.0	12.4	12.4	42.1	48.1	46.9
Las Vegas	404.5	418.2	424.0	.3	.3	.3	29.1	33.7	32.5
Reno	148.0	151.2	151.1	.9	.9	.9	7.6	8.0	7.9
New Hampshire	492.3	503.7	499.6	.5	.5	.5	17.7	18.7	17.9
Manchester	76.7	76.5	77.4	(¹)	(¹)	(¹)	3.0	3.2	3.2
Nashua	64.6	66.2	66.1	(¹)	(¹)	(¹)	2.6	2.5	2.5
Portsmouth-Dover-Rochester	106.8	109.8	109.5	(¹)	(¹)	(¹)	2.8	2.9	2.7
New Jersey	3,456.7	3,423.8	3,435.0	2.0	1.9	1.9	108.9	103.1	101.5
Atlantic City	162.8	165.9	163.4	(¹)	(¹)	(¹)	5.5	4.8	4.8
Bergen-Passaic	801.9	592.2	592.4	(¹)	(¹)	(¹)	18.0	16.8	16.2
Camden	426.5	424.4	426.9	(¹)	(¹)	(¹)	16.8	16.5	16.2
Jersey City	227.7	227.8	228.5	(¹)	(¹)	(¹)	4.0	3.7	3.8
Middlesex-Somerset-Hunterdon	534.0	526.2	528.0	.6	.6	.6	15.8	13.5	13.4
Monmouth-Ocean	317.8	316.9	316.1	(¹)	(¹)	(¹)	13.2	12.8	12.1
Newark	877.8	872.3	875.8	.5	.5	.5	28.4	28.5	27.6
Trenton	192.6	187.4	187.8	(¹)	(¹)	(¹)	3.8	3.7	3.7
Vineland-Millville-Bridgeton	56.7	56.3	56.3	.3	.3	.3	1.7	1.7	1.9

See footnotes at end of table.

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

B-9. 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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Maine	93.1	93.4	93.5	21.4	20.7	20.6	133.7	134.2	133.1
Lewiston-Auburn	8.0	8.3	8.3	1.3	1.4	1.4	10.5	10.7	11.0
Portland	12.5	13.1	13.1	5.7	5.7	5.6	38.5	39.4	39.8
Maryland	182.1	177.8	177.9	100.4	99.2	98.7	510.4	497.9	504.6
Baltimore MSA	111.8	107.9	108.3	55.2	54.1	53.6	258.9	250.2	254.1
Baltimore City	39.2	38.1	38.0	22.1	21.4	21.2	73.8	70.4	70.7
Suburban Maryland-D.C.	33.0	33.3	33.3	31.1	31.2	31.2	188.2	186.2	186.7
Massachusetts	458.4	441.9	440.6	122.4	120.3	119.9	651.9	644.7	653.5
Boston	205.3	199.0	197.9	72.4	70.8	70.5	339.5	332.7	338.9
Brockton	8.3	8.3	8.3	4.2	4.2	4.3	20.8	19.8	20.0
Fall River	13.7	13.9	14.0	1.8	1.9	1.9	12.4	11.7	12.2
Fitchburg-Leominster	10.4	10.4	10.4	1.4	1.4	1.4	9.9	9.3	9.5
Lawrence-Haverhill	40.9	39.0	38.9	5.6	5.4	5.5	38.0	35.9	38.5
Lowell	27.3	25.5	25.6	4.7	4.5	4.5	19.9	19.6	19.8
New Bedford	14.9	15.0	15.1	2.3	2.2	2.2	15.4	14.4	14.6
Pittsfield	7.7	7.5	7.4	1.1	1.1	1.1	9.3	9.3	9.4
Springfield	42.9	40.2	40.3	8.0	7.7	7.6	48.7	48.2	48.5
Worcester	35.7	34.8	34.9	8.7	8.5	8.6	43.7	42.0	42.8
Michigan	905.5	900.5	912.3	155.9	156.4	156.0	947.8	944.2	955.0
Ann Arbor	37.4	34.4	34.7	4.2	3.8	3.8	32.3	31.3	31.9
Battle Creek	16.4	16.6	16.6	2.0	2.0	2.0	13.2	13.5	13.8
Benton Harbor	20.2	20.0	20.1	2.9	3.0	3.0	14.1	14.4	14.4
Detroit	424.2	426.8	435.9	86.8	89.7	89.4	461.0	457.7	463.6
Flint	47.0	44.8	45.0	4.8	4.4	4.5	40.5	39.2	40.1
Grand Rapids	101.3	103.0	103.5	13.3	13.8	13.9	97.6	97.4	98.4
Jackson	12.1	12.4	12.5	3.5	3.6	3.6	13.6	13.9	14.1
Kalamazoo	27.9	27.5	27.6	3.1	3.1	3.2	26.7	26.9	27.5
Lansing-East Lansing	29.2	28.3	28.6	6.5	6.6	6.6	48.5	48.3	49.3
Muskegon	14.9	14.7	14.8	2.4	2.2	2.2	13.6	13.4	13.5
Saginaw-Bay City-Midland	43.0	41.9	41.7	6.4	6.4	6.3	42.2	41.8	42.7
Minnesota	397.6	401.5	399.1	110.1	109.6	109.5	539.5	541.9	546.9
Duluth	8.4	8.4	8.5	6.0	5.8	5.7	26.3	26.2	26.3
Minneapolis-St. Paul	259.2	257.7	257.6	77.0	75.6	75.6	341.1	341.2	345.0
Rochester	12.1	11.8	11.4	2.2	2.1	2.1	14.1	14.3	14.5
St. Cloud	15.2	15.5	15.5	4.2	4.3	4.3	25.9	26.7	27.1
Mississippi	253.0	253.4	254.6	45.8	46.0	44.8	204.6	205.1	207.2
Jackson	22.2	21.0	20.9	13.6	13.4	13.4	45.8	46.2	46.7
Missouri	409.9	402.8	404.3	151.3	154.5	155.0	561.9	561.1	565.8
Kansas City	104.2	102.0	101.6	63.9	65.4	65.4	200.3	199.2	201.9
St. Louis	199.9	192.5	192.8	78.0	79.0	79.1	280.1	279.3	284.0
Springfield	20.2	20.4	20.6	7.4	7.8	7.9	36.4	37.2	37.8
Montana	23.4	23.7	22.8	20.1	20.3	20.4	86.9	88.7	88.6
Nebraska	101.0	103.7	103.3	47.3	46.8	47.3	190.6	189.5	190.6
Lincoln	14.9	14.9	15.0	7.2	7.1	7.1	27.5	27.3	27.5
Omaha	34.9	35.0	34.8	23.9	23.6	23.8	84.8	84.1	84.1
Nevada	26.5	27.1	27.2	33.3	33.8	33.9	134.1	135.5	137.6
Las Vegas	11.2	11.2	11.3	20.2	20.7	20.7	82.6	83.6	85.1
Reno	9.1	9.6	9.7	9.5	9.9	9.9	34.4	34.5	35.1
New Hampshire	97.6	97.3	97.5	17.1	17.3	17.1	125.5	125.6	125.4
Manchester	9.8	9.9	9.9	4.2	4.5	4.6	19.2	18.5	19.2
Nashua	28.5	28.0	28.5	2.8	3.5	3.4	20.7	20.5	20.6
Portsmouth-Dover-Rochester	19.1	19.1	19.5	3.0	3.2	3.1	27.9	29.2	28.9
New Jersey	525.1	511.0	507.4	230.8	228.1	228.8	815.1	794.4	803.2
Atlantic City	6.9	7.0	7.0	7.0	7.0	7.0	32.2	33.9	32.7
Bergen-Passaic	116.0	112.4	109.0	27.8	27.7	28.0	171.6	161.9	164.1
Camden	58.9	58.5	58.2	18.9	18.0	18.1	113.9	110.5	112.4
Jersey City	32.8	31.7	30.9	27.2	27.3	27.5	57.8	57.0	57.2
Middlesex-Somerset-Hunterdon	94.8	93.5	93.4	43.6	42.4	41.9	130.1	121.7	124.4
Monmouth-Ocean	21.4	19.7	19.7	15.4	15.3	15.4	85.1	84.9	85.2
Newark	140.0	142.6	142.7	75.6	76.5	76.1	174.0	165.8	167.9
Trenton	25.0	22.9	23.0	7.2	6.9	7.0	29.3	26.9	26.9
Vineland-Millville-Bridgeton	14.4	14.5	14.0	2.3	2.4	2.4	10.6	9.9	10.2

See footnotes at end of table.

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

B-9. 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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Maine	23.7	24.6	24.6	126.3	137.3	133.6	96.8	96.6	97.6
Lewiston-Auburn	1.9	2.0	2.0	10.7	11.5	11.5	4.5	4.4	4.4
Portland	11.7	11.7	11.7	32.9	34.3	34.4	16.9	16.6	16.8
Maryland	126.3	126.8	129.0	632.8	643.2	643.1	422.5	417.1	419.6
Baltimore MSA	74.9	73.6	73.5	333.5	334.2	334.4	211.0	209.9	211.6
Baltimore City	38.8	38.3	38.1	145.1	146.0	146.4	90.1	90.4	90.5
Suburban Maryland-D.C.	46.0	46.5	46.7	240.7	244.2	243.3	169.7	167.8	168.8
Massachusetts	194.6	192.4	192.9	917.2	939.5	943.1	379.2	377.8	380.4
Boston	135.0	133.1	133.4	587.3	596.2	602.9	185.9	182.3	182.6
Brockton	2.7	2.6	2.5	15.6	15.5	15.6	11.5	11.3	11.5
Fall River	3.0	3.0	3.0	11.5	11.8	11.8	6.4	6.5	6.8
Fitchburg-Leominster	1.4	1.4	1.5	8.8	9.1	9.0	4.2	4.4	4.4
Lawrence-Haverhill	5.2	5.2	5.2	38.0	38.3	38.3	19.8	19.3	19.5
Lowell	2.6	2.6	2.8	21.4	21.8	21.7	12.7	12.5	12.6
New Bedford	2.1	2.1	2.1	14.1	14.4	14.4	9.4	9.5	9.6
Pittsfield	1.7	1.7	1.8	12.5	13.4	13.5	4.9	5.0	5.0
Springfield	14.1	13.6	13.6	61.9	63.4	63.6	35.3	34.0	34.1
Worcester	13.7	14.1	14.2	50.5	52.4	52.5	27.0	27.9	28.1
Michigan	187.3	184.6	187.0	987.6	1,025.1	1,023.7	669.5	661.5	665.0
Ann Arbor	4.9	5.0	5.0	39.6	40.5	40.2	60.8	60.7	60.8
Battle Creek	3.1	3.1	3.1	13.0	13.2	13.3	11.6	11.5	11.5
Benton Harbor	2.6	2.7	2.7	16.2	16.8	16.6	9.5	9.5	9.4
Detroit	107.1	102.1	105.1	525.7	540.2	538.5	245.3	239.7	242.5
Flint	5.8	8.0	6.0	39.0	40.8	40.5	24.6	23.7	24.0
Grand Rapids	16.5	17.1	17.2	89.2	92.7	92.4	38.4	38.5	38.7
Jackson	1.8	1.7	1.6	11.5	12.2	11.9	10.4	10.3	10.3
Kalamazoo	8.4	6.5	6.6	30.2	31.0	30.9	19.6	19.7	19.7
Lansing-East Lansing	12.3	12.5	12.5	44.5	47.3	46.8	71.4	69.2	69.2
Muskegon	1.8	1.8	1.8	12.4	13.1	12.8	9.6	9.5	9.7
Saginaw-Bay City-Midland	5.9	6.1	6.2	39.6	40.9	40.8	22.0	21.5	21.6
Minnesota	130.6	136.8	137.2	605.6	635.4	633.5	360.8	361.6	368.3
Duluth	3.5	3.4	3.5	27.0	27.4	27.2	22.2	21.7	22.0
Minneapolis-St. Paul	101.7	106.7	107.1	398.4	416.9	416.1	198.2	198.7	202.4
Rochester	1.7	1.9	1.9	29.4	30.1	30.2	7.2	7.2	7.3
St. Cloud	2.7	2.8	2.9	20.8	21.2	21.5	15.2	15.4	15.7
Mississippi	38.2	39.3	39.3	185.8	187.2	189.1	216.0	220.9	221.1
Jackson	14.2	14.6	14.6	48.7	50.4	50.8	40.7	41.5	42.0
Missouri	136.6	138.6	138.6	602.6	626.7	621.3	383.3	386.8	388.2
Kansas City	59.8	61.7	61.7	203.0	209.8	209.0	126.0	126.6	126.6
St. Louis	73.0	73.5	73.5	334.8	346.5	342.6	151.0	150.4	151.9
Springfield	5.6	6.0	6.1	37.5	38.4	38.4	16.6	17.0	17.1
Montana	14.4	14.6	14.6	82.2	85.7	85.0	75.8	76.3	76.5
Nebraska	48.9	48.8	48.9	187.7	189.7	189.7	152.9	149.3	150.4
Lincoln	8.6	8.6	8.5	29.8	29.6	29.7	34.8	34.3	34.5
Omaha	28.7	28.2	28.3	104.5	104.0	103.8	46.9	48.9	49.3
Nevada	29.5	31.6	31.5	287.7	296.2	300.1	93.2	92.2	92.7
Las Vegas	19.8	21.4	21.3	192.3	198.7	204.0	49.2	48.6	48.8
Reno	7.2	7.3	7.3	58.4	60.3	59.5	20.9	20.7	20.8
New Hampshire	29.4	29.1	29.1	129.5	136.2	132.9	75.0	79.0	79.2
Manchester	8.4	7.5	7.5	23.1	24.0	23.7	9.0	8.9	9.3
Nashua	3.2	3.3	3.4	19.2	20.7	20.0	7.6	7.7	7.7
Portsmouth-Dover-Rochester	6.8	6.8	6.8	23.0	23.1	23.1	24.2	25.5	25.4
New Jersey	224.6	227.3	227.5	974.2	987.2	984.2	576.0	570.8	580.5
Atlantic City	5.8	5.6	5.5	76.5	78.8	77.3	28.9	28.8	29.1
Bergen-Passaic	33.2	33.7	33.8	164.0	166.9	166.9	71.3	72.8	74.6
Camden	22.6	22.4	22.6	117.3	120.6	120.4	76.1	77.9	79.0
Jersey City	19.2	20.4	20.4	46.4	45.9	46.5	40.3	41.8	42.2
Middlesex-Somerset-Hunterdon	42.3	44.0	43.8	128.7	131.0	130.0	78.3	79.5	80.5
Monmouth-Ocean	18.3	18.3	18.2	100.6	101.7	100.5	63.8	64.2	65.0
Newark	67.4	65.9	66.1	254.4	257.1	256.6	137.5	135.4	138.3
Trenton	10.6	10.5	10.5	62.5	62.3	61.9	54.2	54.2	54.8
Vineland-Milville-Bridgeton	3.7	3.7	3.7	10.9	11.0	10.8	12.8	12.8	13.0

See footnotes at end of table.

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

B-9. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
New Mexico	607.8	628.6	629.5	15.1	15.8	15.9	31.3	36.7	36.8
Albuquerque	255.1	267.5	266.7	(¹)	(¹)	(¹)	12.5	14.9	15.1
Las Cruces	45.2	46.3	46.4	(¹)	(¹)	(¹)	2.3	2.5	2.5
Santa Fe	64.4	67.6	66.4	(¹)	(¹)	(¹)	2.9	3.4	3.2
New York	7,801.4	7,770.6	7,809.3	5.3	5.4	5.3	238.4	252.7	247.4
Albany-Schenectady-Troy	433.6	432.5	434.9	.4	.5	.4	16.5	16.5	16.2
Binghamton	115.3	112.5	112.9	(¹)	(¹)	(¹)	4.6	4.9	4.7
Buffalo	456.3	452.9	453.9	(¹)	(¹)	(¹)	16.6	17.4	16.6
Elmira	40.0	40.9	41.1	(¹)	(¹)	(¹)	1.3	1.5	1.4
Glens Falls	46.8	47.6	46.9	(¹)	(¹)	(¹)	1.9	1.7	1.7
Nassau-Suffolk	1,058.7	1,047.1	1,052.9	(¹)	(¹)	(¹)	39.2	38.4	38.4
New York PMSA	3,799.9	3,766.0	3,787.6	(¹)	(¹)	(¹)	104.9	105.4	103.8
New York City	3,305.2	3,282.4	3,301.4	.4	.4	.4	84.0	85.0	83.6
Niagara Falls	81.7	82.4	82.3	(¹)	(¹)	(¹)	3.2	3.2	3.2
Orange County	108.4	107.6	107.9	(¹)	(¹)	(¹)	3.7	3.6	3.7
Poughkeepsie	109.1	101.4	101.7	(¹)	(¹)	(¹)	4.7	4.6	4.6
Rochester	490.4	490.3	491.9	.7	.7	.7	15.6	17.4	17.0
Rockland County	95.8	94.8	95.4	(¹)	(¹)	(¹)	3.2	3.3	3.3
Syracuse	311.4	310.1	311.3	(¹)	(¹)	(¹)	13.6	14.4	14.0
Utica-Rome	124.3	126.7	126.8	(¹)	(¹)	(¹)	3.0	3.9	3.6
Westchester County	380.1	370.5	372.3	(¹)	(¹)	(¹)	16.1	15.7	15.5
North Carolina	3,194.7	3,274.3	3,284.7	3.4	3.5	3.5	148.4	152.7	152.5
Asheville	92.4	93.7	94.1	(¹)	(¹)	(¹)	4.2	4.5	4.5
Charlotte-Gastonia-Rock Hill	633.0	642.5	643.6	(¹)	(¹)	(¹)	32.0	32.2	32.1
Greensboro-Winston-Salem-High Point	510.4	513.6	516.0	(¹)	(¹)	(¹)	22.3	22.8	22.9
Raleigh-Durham	466.7	476.6	479.7	(¹)	(¹)	(¹)	19.8	19.5	19.4
North Dakota	282.5	290.0	288.3	3.9	3.9	3.9	11.1	14.1	12.4
Bismarck	43.1	43.5	43.6	(¹)	(¹)	(¹)	2.1	2.6	2.5
Fargo-Moorhead	84.7	86.2	85.9	(¹)	(¹)	(¹)	4.5	5.2	4.8
Grand Forks	34.3	34.3	34.2	(¹)	(¹)	(¹)	1.4	1.7	1.6
Ohio	4,912.0	4,920.5	4,929.2	14.1	13.6	13.7	191.5	197.5	192.1
Akron	292.3	296.6	298.9	.5	.5	.5	10.4	11.2	10.6
Canton	167.8	169.4	169.6	.7	.7	.7	7.0	7.7	7.6
Cincinnati	754.5	765.0	766.8	.4	.5	.5	36.0	38.2	37.8
Cleveland	926.5	927.2	925.8	.7	.8	.8	32.3	34.2	33.1
Columbus	742.3	742.9	744.1	.7	.7	.7	28.9	29.5	28.8
Dayton-Springfield	449.1	450.7	452.7	.5	.6	.5	14.9	15.7	15.3
Toledo	290.3	292.1	292.1	.2	.2	.2	11.1	11.4	10.9
Youngstown-Warren	198.9	199.2	199.6	.4	.4	.4	7.4	8.3	8.0
Oklahoma	1,211.3	1,225.2	1,224.9	35.0	35.1	35.5	38.4	39.7	38.8
Enid	22.6	22.7	22.8	.9	.9	.9	.8	.8	.8
Lawton	37.7	36.2	36.6	.1	.1	.1	1.0	1.1	1.1
Oklahoma City	436.4	439.5	440.9	8.6	8.5	8.5	14.3	14.2	14.1
Tulsa	323.8	327.9	325.4	9.9	9.7	9.8	11.1	11.5	10.9
Oregon	1,299.4	1,322.6	1,324.3	1.6	1.5	1.4	49.8	55.3	54.4
Eugene-Springfield	119.2	120.8	120.8	.2	.2	.2	4.4	5.0	4.7
Medford	58.5	60.5	60.5	.1	.1	.1	2.0	2.4	2.4
Portland	662.9	667.4	671.8	.6	.5	.5	26.4	28.0	28.1
Salem	114.0	118.9	115.8	.1	.1	.1	5.0	5.5	5.3
Pennsylvania	5,137.5	5,136.5	5,158.8	23.7	20.6	20.5	202.1	208.3	202.9
Allentown-Bethlehem	283.2	285.6	286.7	.5	.5	.5	10.6	11.1	10.7
Altoona	55.2	55.9	56.3	(¹)	(¹)	(¹)	2.5	2.5	2.4
Beaver County	51.1	52.1	52.0	(¹)	(¹)	(¹)	2.3	2.3	2.2
Erie	124.0	126.3	126.1	(¹)	(¹)	(¹)	4.7	5.3	5.2
Harrisburg-Lebanon-Carlisle	316.8	318.1	319.0	(¹)	(¹)	(¹)	13.3	14.1	13.6
Johnstown	82.4	85.1	85.5	(¹)	(¹)	(¹)	6.0	5.4	5.1
Lancaster	195.6	197.7	197.1	.4	.4	.4	10.9	10.9	10.9
Philadelphia PMSA	2,110.5	2,087.9	2,102.4	(¹)	(¹)	(¹)	73.8	74.2	73.9
Philadelphia City	697.3	675.0	678.7	(¹)	(¹)	(¹)	11.4	10.5	10.6
Pittsburgh	924.2	929.9	930.5	4.0	3.7	3.8	43.1	46.1	43.9

See footnotes at end of table.

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

B-9. 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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
New Mexico	40.6	43.0	42.5	29.1	29.3	29.3	143.2	147.7	149.0
Albuquerque	20.0	21.3	21.4	12.4	12.4	12.3	61.6	63.5	64.0
Las Cruces	2.8	2.6	2.6	1.6	1.7	1.7	9.7	9.9	9.9
Santa Fe	1.9	2.1	2.0	1.1	1.2	1.2	13.3	14.1	14.1
New York	1,011.2	978.5	976.1	402.4	398.7	398.8	1,590.0	1,559.9	1,582.5
Albany-Schenectady-Troy	45.4	44.9	45.0	16.8	16.4	16.5	87.1	88.7	90.1
Binghamton	29.3	27.3	27.3	4.4	4.4	4.4	25.0	24.2	24.6
Buffalo	69.9	69.0	69.0	21.1	21.3	21.4	116.2	112.2	113.6
Elmira	8.3	8.5	8.6	1.3	1.3	1.3	9.9	10.2	10.3
Glens Falls	9.5	9.8	9.9	1.4	1.6	1.4	10.5	10.8	10.5
Nassau-Suffolk	124.7	120.7	120.1	47.6	47.2	47.4	273.1	269.2	273.4
New York PMSA	359.1	353.4	352.3	231.2	226.8	227.2	665.2	642.3	651.9
New York City	294.9	292.5	291.1	205.5	201.3	201.7	557.3	537.6	545.9
Niagara Falls	20.7	20.0	19.9	4.5	4.6	4.4	19.6	20.0	20.2
Orange County	13.2	12.6	12.6	6.5	6.4	6.3	28.1	27.8	28.2
Poughkeepsie	22.3	15.4	15.4	4.0	3.8	3.8	20.8	20.3	20.6
Rochester	128.2	122.8	122.1	15.9	15.6	15.6	103.6	103.9	105.3
Rockland County	14.1	12.9	13.0	5.5	5.5	5.5	20.8	20.6	20.9
Syracuse	47.1	46.0	45.8	18.6	18.7	18.7	73.5	72.7	73.6
Utica-Rome	21.0	20.3	20.5	4.3	4.2	4.2	26.4	28.0	26.1
Westchester County	48.1	45.7	45.7	19.5	19.2	19.3	83.4	80.1	81.1
North Carolina	839.6	852.4	854.7	155.5	156.4	156.4	732.8	737.6	743.0
Asheville	20.3	20.6	20.7	4.6	4.6	4.6	22.2	22.3	22.5
Charlotte-Gastonia-Rock Hill	144.7	146.7	147.4	50.7	51.3	51.1	154.4	154.3	154.7
Greensboro-Winston-Salem-High Point	144.8	145.6	146.4	27.4	27.4	27.5	114.8	113.4	114.0
Raleigh-Durham	65.7	67.3	67.7	22.3	21.4	21.6	96.0	96.1	96.2
North Dakota	19.1	20.2	19.7	17.6	18.0	18.0	74.4	74.9	75.4
Bismarck	2.2	2.3	2.3	3.1	3.1	3.1	10.8	11.0	11.1
Fargo-Moorhead	5.9	6.3	6.0	4.7	4.8	4.8	24.7	25.0	25.2
Grand Forks	1.8	1.8	1.8	1.8	1.8	1.8	9.8	9.5	9.6
Ohio	1,054.1	1,039.7	1,043.6	213.4	209.7	209.0	1,179.9	1,166.4	1,179.3
Akron	62.9	63.6	63.7	13.4	13.5	13.5	70.7	70.2	70.7
Canton	42.5	42.9	42.6	5.7	5.7	5.6	42.1	41.8	42.4
Cincinnati	142.0	139.2	140.2	40.6	40.4	40.5	193.3	193.9	196.5
Cleveland	186.2	180.7	180.4	38.8	37.6	37.6	221.1	217.1	219.5
Columbus	101.5	101.1	101.1	32.1	31.2	31.3	190.9	186.7	189.2
Dayton-Springfield	95.0	93.3	93.7	17.8	17.8	17.8	103.0	102.4	103.6
Toledo	54.6	55.0	54.6	14.3	13.9	13.8	71.1	71.1	71.9
Youngstown-Warren	45.2	44.8	44.7	7.1	6.8	6.9	53.4	52.7	53.4
Oklahoma	163.9	165.1	168.0	69.6	68.1	67.9	283.5	290.7	291.8
Enid	1.6	1.5	1.5	2.1	2.2	2.2	6.0	6.2	6.1
Lawton	3.3	3.5	3.5	1.9	1.9	2.0	8.8	8.5	8.5
Oklahoma City	47.5	48.4	48.8	21.3	21.0	21.0	105.4	105.7	106.0
Tulsa	52.6	53.0	53.1	26.1	25.3	25.2	77.0	77.1	77.3
Oregon	205.0	213.5	207.7	66.2	65.3	65.6	328.3	330.1	333.4
Eugene-Springfield	17.9	18.6	18.2	4.6	4.4	4.4	30.8	30.4	30.4
Medford	8.8	8.6	8.6	2.9	3.1	3.1	18.2	19.0	19.2
Portland	100.6	102.0	100.9	39.2	38.1	38.1	170.4	169.8	172.1
Salem	14.4	18.2	15.2	3.5	3.7	3.7	25.5	25.4	25.7
Pennsylvania	940.7	925.0	925.4	268.0	268.2	268.6	1,180.3	1,168.3	1,187.0
Allentown-Bethlehem	89.9	89.4	89.7	14.1	14.4	14.3	62.0	61.3	63.0
Altoona	9.7	9.6	9.8	4.8	5.0	5.0	14.7	14.6	14.9
Beaver County	9.3	9.6	9.7	4.7	4.6	4.6	11.4	11.1	11.1
Erie	34.9	34.4	34.3	4.1	4.1	4.1	26.7	26.4	26.6
Harrisburg-Lebanon-Carlisle	46.6	47.2	47.1	20.1	20.2	20.1	70.7	69.0	69.8
Johnstown	11.8	12.0	12.1	5.2	5.7	5.6	19.8	20.8	21.5
Lancaster	55.4	55.2	54.5	7.5	7.6	7.5	49.5	49.5	49.7
Philadelphia PMSA	313.3	306.3	305.9	98.6	99.4	99.9	476.2	462.6	471.2
Philadelphia City	68.7	65.2	64.6	37.9	39.2	38.7	119.8	112.9	113.8
Pittsburgh	109.8	107.6	107.5	56.2	56.0	56.0	229.7	228.1	231.3

See footnotes at end of table.

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

B-9. 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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
New Mexico	26.5	27.2	27.2	158.5	166.1	165.8	163.5	162.8	163.0
Albuquerque	14.3	14.8	14.7	82.0	86.2	85.4	52.3	54.4	53.8
Las Cruces	1.7	1.9	1.8	8.5	9.2	9.3	18.6	18.5	18.6
Santa Fe	2.6	2.8	2.8	18.1	18.8	18.9	24.5	25.2	24.2
New York	734.8	731.2	731.4	2,373.1	2,421.3	2,430.8	1,446.3	1,423.0	1,437.0
Albany-Schenectady-Troy	27.5	27.2	27.1	125.1	125.4	125.3	114.9	112.9	114.3
Binghamton	4.0	4.1	4.1	26.4	26.1	26.1	21.7	21.5	21.6
Buffalo	27.0	26.5	26.5	129.1	130.8	130.6	76.3	75.7	76.2
Elmira	1.4	1.4	1.4	10.6	11.0	11.0	7.2	6.9	7.0
Glens Falls	1.7	1.7	1.7	11.9	12.6	12.0	9.7	9.5	9.7
Nassau-Suffolk	79.8	78.5	78.4	314.8	317.3	316.8	179.4	175.8	178.4
New York PMSA	510.1	505.7	506.8	1,264.0	1,276.4	1,285.2	665.3	656.2	660.6
New York City	475.1	471.2	472.3	1,105.9	1,119.7	1,128.8	582.1	574.7	577.5
Niagara Falls	2.1	2.1	2.1	18.1	19.0	18.9	13.3	13.5	13.6
Orange County	5.8	6.0	6.0	26.0	26.1	26.0	25.0	24.8	25.1
Poughkeepsie	4.4	4.4	4.4	29.8	30.3	30.3	23.2	22.5	22.6
Rochester	22.2	22.7	22.5	132.3	136.7	136.7	71.8	70.6	72.0
Rockland County	4.9	4.8	4.8	27.3	27.5	27.6	20.3	20.2	20.3
Syracuse	18.7	18.3	18.3	85.9	86.7	86.6	53.9	53.2	54.2
Utica-Rome	8.0	8.4	8.3	30.7	32.9	32.7	30.9	31.0	31.3
Westchester County	29.2	28.8	28.7	125.3	123.8	123.5	58.6	57.2	58.5
North Carolina	135.9	141.7	141.3	657.7	696.3	693.3	521.4	533.7	540.0
Asheville	2.6	2.7	2.7	24.6	25.1	25.0	13.9	13.9	14.1
Charlotte-Gastonia-Rock Hill	39.0	39.9	40.0	136.2	142.9	141.8	76.0	75.2	76.5
Greensboro-Winston-Salem-High Point	25.7	26.8	26.7	115.4	117.9	117.9	60.0	59.7	60.6
Raleigh-Durham	23.3	23.7	23.7	133.6	140.3	141.0	106.0	108.3	110.1
North Dakota	13.1	13.5	13.5	74.6	76.8	76.7	68.7	68.6	68.7
Bismarck	1.8	1.9	1.9	13.5	13.3	13.3	9.6	9.3	9.4
Fargo-Moorhead	5.0	5.2	5.2	24.1	24.3	24.5	15.8	15.4	15.4
Grand Forks	1.3	1.3	1.3	7.8	8.2	8.1	10.4	10.0	10.0
Ohio	256.3	257.3	257.4	1,251.2	1,281.5	1,277.6	751.6	754.8	756.5
Akron	11.7	11.8	11.9	76.0	80.4	80.1	46.7	47.4	47.7
Canton	6.7	6.8	6.8	43.1	44.1	44.0	20.0	19.7	19.9
Cincinnati	43.7	43.3	43.6	201.4	211.7	209.8	97.1	97.9	97.9
Cleveland	60.1	60.7	60.6	266.1	273.7	273.3	121.1	122.4	120.5
Columbus	59.6	59.3	59.0	192.2	194.5	193.6	136.4	139.9	140.4
Dayton-Springfield	17.3	17.4	17.5	123.4	128.4	128.7	77.2	75.1	75.6
Toledo	11.3	11.3	11.3	80.9	82.1	82.0	46.8	47.1	47.4
Youngstown-Warren	9.2	9.1	9.0	50.6	51.4	51.3	25.7	25.7	25.9
Oklahoma	60.2	60.1	60.1	285.3	295.7	293.4	275.4	270.7	271.4
Enid	1.0	1.0	1.0	5.9	6.0	6.1	4.3	4.1	4.2
Lawton	1.8	1.8	1.8	8.1	8.2	8.3	12.7	11.1	11.3
Oklahoma City	25.4	25.4	25.3	109.5	114.9	115.6	104.4	101.4	101.6
Tulsa	17.5	17.8	17.8	88.0	90.5	88.9	41.6	43.0	42.4
Oregon	87.3	90.8	90.9	315.6	330.0	330.4	245.6	236.1	240.5
Eugene-Springfield	6.2	6.5	6.7	29.6	30.8	30.9	25.5	24.9	25.3
Medford	2.7	2.8	2.8	13.7	14.4	14.1	10.1	10.1	10.2
Portland	56.7	57.6	57.6	173.0	181.1	182.6	96.0	90.3	91.9
Salem	6.0	6.3	6.3	25.8	26.8	26.4	33.7	32.9	33.1
Pennsylvania	298.7	299.7	300.1	1,511.2	1,536.1	1,535.7	712.8	710.3	718.6
Allentown-Bethlehem	14.4	14.7	14.8	78.9	80.8	80.4	32.8	33.4	33.3
Altoona	2.3	2.3	2.3	13.7	14.3	14.2	7.5	7.6	7.7
Beaver County	1.6	1.7	1.7	13.8	14.5	14.3	8.0	8.3	8.4
Erie	5.7	5.8	5.8	33.4	35.0	34.8	14.5	15.3	15.3
Harrisburg-Lebanon-Carlisle	22.0	22.3	22.5	75.3	76.0	76.0	68.8	69.3	69.9
Johnstown	4.2	4.3	4.3	22.7	23.9	23.8	12.7	13.0	13.1
Lancaster	9.1	9.4	9.4	44.7	46.7	46.4	18.1	18.0	18.3
Philadelphia PMSA	156.2	155.9	156.2	694.0	697.2	698.9	298.4	292.3	296.4
Philadelphia City	59.0	56.6	56.9	268.3	264.6	265.7	132.2	126.0	128.4
Pittsburgh	54.9	55.0	54.9	321.7	325.3	323.8	104.8	108.1	109.3

See footnotes at end of table.

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

B-9. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Pennsylvania—Continued									
Reading	153.7	154.4	156.2	(¹)	(¹)	(¹)	6.7	6.3	6.3
Scranton—Wilkes-Barre	305.4	309.3	309.9	0.6	0.6	0.6	12.0	12.1	11.8
Sharon	42.8	41.7	41.9	(¹)	(¹)	(¹)	1.3	1.0	1.0
State College	63.0	64.0	64.3	(¹)	(¹)	(¹)	2.3	2.5	2.3
Williamsport	51.6	50.2	50.5	(¹)	(¹)	(¹)	2.4	2.3	2.2
York	183.7	188.4	189.4	.5	.5	.5	8.8	9.9	9.7
Rhode Island	427.6	424.6	423.6	.2	.3	.3	12.9	13.4	13.1
Pawtucket—Woonsocket—Attleboro	125.1	126.8	126.3	.1	.2	.2	4.1	5.5	5.2
Providence	303.5	299.6	299.6	.1	.1	.1	8.7	9.4	9.3
South Carolina	1,564.9	1,572.8	1,574.7	1.8	1.9	1.9	83.5	82.1	81.9
Charleston	207.0	205.5	205.8	(¹)	(¹)	(¹)	12.4	13.0	12.8
Columbia	248.3	249.4	249.8	(¹)	(¹)	(¹)	12.7	12.6	12.6
Greenville—Spartanburg	339.4	341.1	341.9	(¹)	(¹)	(¹)	20.0	21.3	21.5
South Dakota	310.4	319.7	318.4	2.7	2.7	2.7	12.4	14.1	13.1
Rapid City	41.2	42.9	42.7	(¹)	(¹)	(¹)	2.6	2.6	2.7
Sioux Falls	83.4	84.4	84.7	(¹)	(¹)	(¹)	4.4	4.6	4.4
Tennessee	2,262.1	2,313.2	2,316.1	5.0	4.7	4.7	84.9	94.8	93.7
Chattanooga	207.9	210.6	210.7	.6	.6	.6	6.5	6.6	6.5
Johnson City—Kingsport—Bristol	178.1	176.2	176.3	(¹)	(¹)	(¹)	8.2	8.0	8.1
Knoxville	291.7	294.7	294.2	1.2	1.2	1.2	12.8	14.8	14.7
Memphis	485.8	492.4	493.4	(¹)	(¹)	(¹)	17.6	18.1	17.8
Nashville	524.8	537.0	539.4	(¹)	(¹)	(¹)	19.9	21.2	21.3
Texas	7,383.5	7,505.2	7,536.3	168.9	169.3	168.8	348.0	357.4	357.6
Abilene	50.7	50.9	51.1	1.3	1.3	1.3	1.7	1.8	1.8
Amarillo	80.7	82.6	82.9	.8	.8	.8	3.1	3.7	3.7
Austin	417.3	429.1	430.9	.8	.8	.8	14.4	16.9	16.9
Beaumont—Port Arthur	152.7	153.4	153.5	1.1	1.0	1.0	15.5	14.4	14.5
Brazoria	68.9	68.9	69.5	1.2	1.2	1.2	8.8	8.3	8.5
Brownsville—Harlingen	83.6	87.0	87.2	(¹)	(¹)	(¹)	2.4	2.6	2.5
Bryan—College Station	60.6	62.4	63.2	.7	.7	.7	1.9	2.0	2.0
Corpus Christi	140.3	137.6	137.9	3.0	2.8	2.8	11.4	11.3	11.4
Dallas	1,412.1	1,438.9	1,442.3	17.1	16.7	16.7	48.9	53.5	53.2
El Paso	221.3	223.9	225.6	(¹)	(¹)	(¹)	8.3	8.1	8.3
Ft. Worth—Arlington	600.2	607.9	608.4	4.5	4.4	4.4	21.0	21.8	21.8
Galveston—Texas City	82.7	84.3	84.2	.9	.8	.8	5.7	5.2	5.2
Houston	1,634.0	1,640.8	1,644.3	67.4	66.7	66.1	108.2	104.0	104.4
Killeen—Temple	80.9	83.6	83.8	(¹)	(¹)	(¹)	3.2	3.3	3.4
Laredo	51.3	53.2	53.6	1.9	2.1	2.1	1.6	1.7	1.8
Longview—Marshall	70.1	71.4	71.6	3.4	3.3	3.3	3.4	3.0	2.9
Lubbock	100.0	100.9	101.5	.2	.2	.2	3.5	3.8	3.8
McAllen—Edinburg—Mission	110.1	114.3	116.0	.8	.9	.9	4.3	4.6	4.6
Midland	45.4	45.3	45.7	8.8	9.1	9.0	1.4	1.6	1.7
Odessa	44.9	45.4	45.6	4.6	4.7	4.8	2.8	2.5	2.5
San Angelo	36.9	39.1	39.2	.6	.6	.6	1.3	1.4	1.4
San Antonio	561.1	573.3	575.9	1.6	1.5	1.5	24.3	25.2	25.1
Sherman—Denison	37.1	37.3	37.5	(¹)	(¹)	(¹)	1.5	1.4	1.4
Texarkana	47.3	47.2	47.1	.1	.1	.1	1.6	2.1	2.1
Tyler	64.7	65.5	65.6	1.5	1.5	1.5	2.1	2.3	2.3
Victoria	32.1	33.4	33.8	1.5	1.6	1.6	1.9	2.5	2.5
Waco	84.9	86.7	86.4	(¹)	(¹)	(¹)	3.3	3.6	3.4
Wichita Falls	50.0	50.2	50.5	1.4	1.4	1.4	1.5	1.6	1.6

See footnotes at end of table.

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

B-9. 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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Pennsylvania-Continued									
Reading	43.4	43.1	43.1	6.4	6.4	6.4	35.6	34.6	35.7
Scranton-Wilkes-Barre	64.5	63.7	63.9	16.8	17.2	17.1	74.2	74.6	75.8
Sharon	9.7	9.5	9.6	1.9	1.8	1.9	10.9	10.4	10.4
State College	8.6	8.5	8.7	1.7	1.8	1.8	12.5	12.2	12.3
Williamsport	14.6	13.8	13.9	1.9	1.9	1.9	11.6	11.4	11.5
York	55.3	54.8	55.1	9.5	9.1	9.2	46.5	47.1	47.8
Rhode Island									
Pawtucket-Woonsocket-Attleboro	43.7	43.4	43.3	3.7	3.2	3.2	31.0	30.7	30.3
Providence	57.3	54.7	54.7	10.6	10.9	10.9	61.9	61.1	61.7
South Carolina									
Charleston	20.9	20.2	20.2	10.3	11.0	10.9	49.6	49.3	49.7
Columbia	26.2	26.6	26.5	11.0	11.2	11.1	54.9	55.9	56.4
Greenville-Spartanburg	95.7	95.7	95.4	14.1	14.1	14.2	80.7	79.3	79.8
South Dakota									
Rapid City	4.5	4.6	4.6	1.8	2.0	2.0	11.8	12.6	12.6
Sioux Falls	10.3	10.3	10.3	5.5	5.5	5.5	22.8	22.7	23.1
Tennessee									
Chattanooga	44.3	45.5	45.5	7.5	7.5	7.4	49.7	49.2	49.6
Johnson City-Kingsport-Bristol	53.2	53.4	53.0	6.2	6.7	6.7	40.5	40.7	41.1
Knoxville	51.0	50.6	51.1	10.5	10.0	10.0	75.5	74.9	74.6
Memphis	60.4	61.4	61.4	48.0	49.7	50.1	127.9	128.9	130.2
Nashville	91.8	91.9	92.2	30.9	31.5	31.3	130.2	130.8	132.8
Texas									
Abilene	4.3	3.9	3.9	2.7	2.6	2.6	12.9	13.0	13.2
Amarillo	9.0	9.3	9.2	5.6	5.5	5.5	22.1	21.8	22.2
Austin	54.2	55.5	55.6	13.7	13.9	13.9	86.2	87.5	88.9
Beaumont-Port Arthur	25.6	25.2	25.0	9.4	9.5	9.6	35.3	35.0	35.3
Brazoria	17.6	17.5	17.5	2.6	2.5	2.5	13.0	13.4	13.7
Brownsville-Harlingen	12.3	13.0	13.1	3.9	3.9	3.9	23.2	23.7	23.9
Bryan-College Station	3.9	4.0	4.0	1.3	1.3	1.3	12.9	14.0	14.2
Corpus Christi	13.4	13.4	13.6	6.9	6.6	6.6	33.6	32.7	32.8
Dallas	209.2	209.9	209.9	87.5	88.7	88.5	360.1	361.4	365.3
El Paso	45.0	46.2	46.0	11.2	11.3	11.4	54.9	53.8	55.4
Ft. Worth-Arlington	100.0	101.4	101.2	62.9	60.5	60.4	151.0	152.0	152.2
Galveston-Texas City	8.6	8.4	8.4	4.6	4.8	4.9	17.1	17.6	17.7
Houston	175.4	174.9	174.4	110.3	110.3	110.7	384.7	386.0	390.0
Killeen-Temple	8.9	9.2	9.2	2.7	2.6	2.6	18.3	19.0	19.4
Laredo	1.9	2.0	2.0	7.8	8.2	8.3	16.2	16.7	16.9
Longview-Marshall	15.8	15.6	15.8	3.4	3.4	3.4	17.3	17.9	18.0
Lubbock	7.2	7.7	7.7	5.6	5.8	5.9	27.8	27.6	27.8
McAllen-Edinburg-Mission	12.2	13.2	13.4	3.5	3.6	3.6	35.3	35.5	36.5
Midland	2.3	2.1	2.1	2.4	2.3	2.3	11.0	10.7	11.0
Odessa	4.3	4.4	4.4	2.1	2.1	2.1	12.5	12.9	13.0
San Angelo	5.3	4.7	4.7	2.7	2.6	2.6	9.2	9.3	9.4
San Antonio	46.5	46.5	46.7	24.4	26.0	26.1	140.9	140.7	143.2
Sherman-Denison	9.5	9.9	9.9	1.5	1.5	1.5	8.2	8.0	8.0
Texarkana	6.1	5.7	5.7	2.0	2.0	2.0	11.2	11.5	11.6
Tyler	11.1	11.1	11.2	2.9	2.8	2.7	16.5	16.9	16.7
Victoria	3.0	3.1	3.1	1.4	1.4	1.4	8.8	8.6	9.0
Waco	15.0	15.6	15.5	3.3	3.4	3.4	20.0	20.0	20.2
Wichita Falls	7.4	7.8	7.9	2.6	2.6	2.6	12.0	12.0	12.1

See footnotes at end of table.

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

B-9. 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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Pennsylvania-Continued									
Reading	8.9	9.4	9.4	34.1	35.6	35.8	18.6	19.0	19.5
Scranton-Wilkes-Barre	13.3	13.1	13.1	80.2	83.8	83.0	43.8	44.2	44.6
Sharon	1.5	1.6	1.6	12.3	12.3	12.3	5.2	5.1	5.1
State College	1.8	1.8	1.8	11.7	11.7	11.7	24.4	25.5	25.7
Williamsport	2.1	2.3	2.3	12.4	12.3	12.4	6.4	6.2	6.3
York	5.6	5.8	5.8	38.5	41.8	41.8	19.0	19.4	19.5
Rhode Island									
Pawtucket-Woonsocket-Attleboro	3.2	2.7	2.7	27.9	29.4	29.6	11.4	11.7	11.8
Providence	20.8	21.0	21.0	95.6	97.2	96.6	48.5	45.2	45.3
South Carolina									
Charleston	7.9	8.2	8.2	50.0	50.4	50.4	55.9	53.4	53.6
Columbia	17.9	17.6	17.5	53.9	54.6	54.5	71.7	70.9	71.2
Greenville-Spartanburg	12.7	13.4	13.4	70.4	73.2	73.4	45.8	44.1	44.2
South Dakota									
Rapid City	1.4	1.5	1.5	11.0	11.6	11.3	8.1	8.0	8.0
Sioux Falls	8.7	8.8	8.9	23.3	23.9	23.8	8.4	8.6	8.7
Tennessee									
Chattanooga	100.6	101.4	101.4	542.1	562.5	559.6	360.5	363.3	363.7
Johnson City-Kingsport-Bristol	5.5	5.4	5.4	38.8	36.2	36.1	25.7	25.8	25.9
Knoxville	10.1	10.3	10.3	75.3	76.9	76.4	55.3	56.0	55.9
Memphis	25.0	25.7	25.7	127.5	129.3	128.9	79.4	79.3	79.3
Nashville	30.6	30.4	30.4	154.0	161.6	161.5	67.4	69.6	69.9
Texas									
Abilene	2.0	1.9	1.9	15.9	16.4	16.4	9.9	10.0	10.0
Amarillo	4.0	4.2	4.2	19.9	20.8	20.7	16.2	16.5	16.6
Austin	23.8	24.5	24.7	110.0	114.1	113.7	114.2	115.9	116.4
Beaumont-Port Arthur	4.7	4.8	4.8	38.2	39.6	39.4	22.9	23.9	23.9
Brazoria	1.7	1.8	1.8	11.4	11.4	11.4	12.6	12.8	12.9
Brownsville-Harlingen	3.4	3.4	3.4	19.0	19.9	19.9	19.4	20.5	20.5
Bryan-College Station	2.1	2.3	2.3	11.4	11.8	12.1	26.4	26.3	26.6
Corpus Christi	6.1	6.0	6.0	34.7	34.8	34.6	31.2	30.0	30.1
Dallas	120.4	120.6	120.5	396.0	410.7	410.3	172.9	177.4	177.9
El Paso	8.3	8.3	8.3	46.1	47.0	46.7	47.5	49.2	49.5
Ft. Worth-Arlington	28.0	27.8	27.7	150.3	156.9	156.9	82.5	83.1	83.8
Galveston-Texas City	5.6	5.7	5.7	16.0	17.5	17.3	24.2	24.3	24.2
Houston	97.3	97.2	97.3	466.2	468.9	467.5	224.5	232.8	233.9
Killeen-Temple	3.4	3.7	3.7	20.0	21.0	20.9	24.4	24.8	24.6
Laredo	1.9	1.9	1.9	8.8	9.0	8.9	11.2	11.6	11.7
Longview-Marshall	2.5	2.6	2.6	15.0	15.9	15.8	9.3	9.7	9.8
Lubbock	4.5	4.4	4.4	26.7	26.9	26.7	24.5	24.5	25.0
McAllen-Edinburg-Mission	3.8	3.9	4.0	19.5	20.4	20.6	30.7	32.2	32.4
Midland	2.2	2.3	2.3	9.9	9.8	9.9	7.4	7.4	7.4
Odessa	1.3	1.3	1.3	8.5	8.8	8.8	8.8	8.7	8.7
San Angelo	1.6	1.7	1.7	10.3	10.7	10.7	7.9	8.1	8.1
San Antonio	38.6	39.7	40.0	157.4	166.7	166.1	127.4	127.0	127.2
Sherman-Denison	2.1	2.0	2.0	9.4	9.6	9.8	4.9	4.9	4.9
Texarkana	1.8	1.8	1.8	12.2	12.2	12.0	12.3	11.8	11.8
Tyler	2.9	3.0	3.1	17.1	17.3	17.3	10.6	10.6	10.8
Victoria	1.5	1.5	1.5	7.8	7.9	7.8	6.2	6.8	6.9
Waco	5.2	5.2	5.2	23.7	24.1	24.0	14.4	14.8	14.7
Wichita Falls	2.2	2.2	2.2	12.6	12.6	12.6	10.3	10.0	10.1

See footnotes at end of table.

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

B-9. Employees on nonfarm payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Utah	787.7	827.1	836.2	8.5	8.6	8.6	37.2	43.5	43.4
Provo-Orem	106.5	113.2	114.3	(¹)	(¹)	(¹)	5.2	6.0	5.7
Salt Lake City-Ogden	535.6	558.0	565.8	3.1	3.2	3.2	24.6	28.8	28.6
Vermont	253.6	255.4	254.3	.5	.6	.6	12.8	12.4	12.0
Barre-Montpelier	33.8	33.9	33.9	(¹)	(¹)	(¹)	1.4	1.5	1.5
Burlington	76.7	77.0	76.9	(¹)	(¹)	(¹)	3.8	3.6	3.5
Virginia	2,878.5	2,890.4	2,901.7	13.7	12.6	12.5	148.0	153.0	151.5
Bristol	33.8	33.6	34.2	(¹)	(¹)	(¹)	1.2	1.1	1.2
Charlottesville	71.0	72.4	72.3	(¹)	(¹)	(¹)	3.3	3.5	3.4
Danville	41.9	42.3	42.2	(¹)	(¹)	(¹)	1.9	1.9	1.9
Lynchburg	78.1	79.6	80.1	(¹)	(¹)	(¹)	3.2	3.4	3.4
Norfolk-Virginia Beach-Newport News	593.6	591.7	593.1	(¹)	(¹)	(¹)	31.4	32.3	32.4
Northern Virginia	765.1	773.7	780.1	.4	.4	.4	37.5	39.9	40.0
Richmond-Petersburg	467.6	476.7	476.5	.7	.8	.8	27.1	27.6	27.2
Roanoke	129.4	128.6	129.9	(¹)	(¹)	(¹)	6.3	6.6	6.6
Washington	2,252.3	2,270.3	2,276.9	3.4	3.2	3.2	121.7	131.3	127.2
Seattle	1,141.4	1,132.9	1,139.5	.6	.6	.5	61.8	64.0	62.1
West Virginia	649.0	657.3	658.1	30.6	24.0	23.9	29.2	34.3	32.8
Charleston	115.3	118.7	118.8	2.0	1.5	1.5	6.0	6.7	6.5
Huntington-Ashland	113.3	112.9	113.5	1.7	1.5	1.5	5.4	5.2	5.2
Parkersburg-Marietta	64.6	64.8	65.3	.4	.4	.4	3.3	3.1	3.1
Wheeling	61.0	60.3	60.5	1.7	.9	.9	2.4	2.6	2.5
Wisconsin	2,389.4	2,437.8	2,437.0	2.5	2.6	2.5	97.6	111.9	108.5
Appleton-Oshkosh-Neenah	173.4	178.6	178.8	(¹)	(¹)	(¹)	9.5	10.9	10.6
Eau Claire	60.9	61.3	61.7	(¹)	(¹)	(¹)	2.0	2.6	2.3
Green Bay	114.7	117.2	117.4	(¹)	(¹)	(¹)	6.6	7.0	6.9
Janesville-Beloit	60.8	60.3	60.6	(¹)	(¹)	(¹)	2.5	2.6	2.5
Kenosha	46.0	47.4	47.5	(¹)	(¹)	(¹)	1.8	2.0	2.0
La Crosse	58.2	58.6	58.9	(¹)	(¹)	(¹)	2.0	2.5	2.5
Madison	239.7	246.6	248.0	(¹)	(¹)	(¹)	10.8	11.9	11.9
Milwaukee	769.5	784.0	785.2	(¹)	(¹)	(¹)	28.8	31.0	30.1
Racine	75.2	77.1	77.3	(¹)	(¹)	(¹)	2.8	3.8	3.9
Sheboygan	53.0	53.9	54.1	(¹)	(¹)	(¹)	2.3	2.6	2.7
Wausau	55.5	55.8	56.2	(¹)	(¹)	(¹)	2.6	2.7	2.7
Wyoming	204.3	211.3	207.7	18.1	18.3	18.4	11.6	12.7	12.1
Casper	28.7	28.9	28.5	2.3	2.5	2.3	1.4	1.5	1.5
Puerto Rico	858.2	848.1	853.8	.9	.9	.9	47.6	45.5	44.0
Caguas	57.9	58.3	58.9	(¹)	(¹)	(¹)	1.6	1.4	1.5
Mayaguez	61.2	55.9	60.6	(¹)	(¹)	(¹)	2.6	2.3	2.3
Ponce	57.9	58.5	58.4	(¹)	(¹)	(¹)	3.8	3.9	3.6
San Juan	521.2	516.2	519.3	.5	.5	.5	33.6	32.3	30.9
Virgin Islands	44.7	44.1	44.3	(¹)	(¹)	(¹)	4.2	2.9	2.4

See footnotes at end of table.

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

B-9. 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. 1992	Oct. 1993	Nov. 1993 ^p	Nov. 1992	Oct. 1993	Nov. 1993 ^p	Nov. 1992	Oct. 1993	Nov. 1993 ^p
Utah	106.0	110.9	112.0	44.4	47.7	48.1	191.0	196.3	202.0
Provo-Orem	13.6	14.0	14.2	2.0	2.0	2.1	25.8	25.2	25.8
Salt Lake City-Ogden	69.5	72.1	72.7	35.1	38.0	38.5	133.1	133.9	138.3
Vermont	43.7	43.3	43.5	11.0	10.7	10.8	59.2	59.4	59.5
Barre-Montpelier	4.6	5.0	5.2	.8	.7	.7	7.3	7.3	7.1
Burlington	14.2	13.5	13.6	3.5	3.6	3.4	18.3	17.8	17.5
Virginia	408.7	404.2	402.8	146.8	145.5	145.2	646.0	638.3	648.8
Bristol	10.0	9.8	9.9	1.1	1.2	1.2	8.7	8.8	9.0
Charlottesville	7.9	7.8	7.8	2.4	2.4	2.3	14.0	14.1	14.4
Danville	15.3	15.9	15.7	1.1	1.1	1.1	8.6	8.5	8.5
Lynchburg	22.6	22.7	22.9	2.7	2.7	2.7	17.1	17.0	17.4
Norfolk-Virginia Beach-Newport News	62.9	61.0	62.2	28.2	28.6	28.9	142.0	139.8	141.8
Northern Virginia	32.1	31.4	31.3	48.5	48.0	47.6	167.6	165.7	169.3
Richmond-Petersburg	62.3	60.3	60.4	22.9	22.5	22.4	109.3	112.4	113.3
Roanoke	19.0	18.6	18.8	8.3	8.2	8.3	35.3	33.2	34.0
Washington	345.0	341.3	336.7	113.7	112.1	111.4	549.3	554.1	558.3
Seattle	208.9	200.7	198.9	69.6	68.1	68.1	270.1	269.6	272.8
West Virginia	83.0	82.5	82.7	38.8	39.0	39.0	149.6	150.7	152.6
Charleston	10.5	10.4	10.5	9.0	8.9	9.0	28.6	29.7	30.0
Huntington-Ashland	19.7	18.1	18.2	7.2	6.9	6.9	28.3	28.4	29.0
Parkersburg-Marietta	13.4	13.6	13.7	2.6	2.6	2.6	15.7	15.7	16.0
Wheeling	6.8	6.6	6.6	3.4	3.5	3.5	15.5	15.4	15.6
Wisconsin	545.8	554.8	553.0	111.2	114.0	113.7	556.9	557.9	563.0
Appleton-Oshkosh-Neenah	55.8	56.6	56.8	7.3	7.7	7.7	36.7	37.1	37.6
Eau Claire	10.1	9.7	9.7	3.2	3.2	3.2	17.0	17.0	17.3
Green Bay	24.5	25.6	25.5	8.1	8.4	8.3	27.1	27.2	27.4
Janesville-Beloit	18.2	17.3	17.1	2.4	2.5	2.5	14.3	14.2	14.4
Kenosha	9.7	9.7	9.8	1.4	1.4	1.4	14.1	14.8	14.9
La Crosse	10.3	10.2	10.2	2.4	2.4	2.4	16.3	16.1	16.4
Madison	25.8	26.7	26.7	8.3	8.4	8.3	52.4	52.2	53.4
Milwaukee	165.1	165.9	166.1	36.9	36.6	36.9	171.4	176.1	179.0
Racine	24.3	24.6	24.7	2.4	2.4	2.4	16.8	16.6	16.8
Sheboygan	20.7	21.4	21.4	1.7	1.5	1.5	10.1	10.0	10.1
Wausau	15.6	15.6	15.6	3.4	3.3	3.3	13.0	13.1	13.4
Wyoming	9.4	10.1	9.8	14.0	14.5	14.5	45.8	47.5	46.7
Casper	1.6	1.6	1.6	1.7	1.6	1.8	8.3	8.1	8.0
Puerto Rico	150.8	145.2	144.8	21.6	21.8	22.8	159.4	159.8	163.0
Caguas	15.3	14.5	14.5	.4	.4	.4	12.0	12.8	13.2
Mayaguez	17.5	16.7	16.8	.5	.5	.5	10.1	9.6	10.0
Ponce	10.3	10.3	10.1	2.0	1.7	1.9	9.8	9.5	9.5
San Juan	63.0	60.7	60.7	17.5	18.1	16.3	106.9	106.9	109.1
Virgin Islands	2.9	2.9	2.9	2.5	2.6	2.6	9.7	10.3	10.4

See footnotes at end of table.

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

B-9. 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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Utah	37.7	41.5	41.7	202.4	216.7	217.4	160.5	161.9	163.0
Provo-Orem	2.6	2.9	3.0	41.4	46.0	46.1	15.9	17.1	17.4
Salt Lake City-Ogden	30.9	34.3	34.7	133.7	142.0	143.5	105.6	105.7	106.3
Vermont	11.6	11.6	11.5	69.3	72.2	71.1	45.5	45.2	45.3
Barre-Montpelier	2.6	2.6	2.6	8.7	8.4	8.3	8.4	8.4	8.5
Burlington	4.0	4.0	4.1	21.5	21.1	21.1	13.4	13.4	13.7
Virginia	146.8	151.0	151.1	763.8	782.7	781.3	604.7	603.1	608.5
Bristol	1.2	1.1	1.1	8.0	6.2	6.2	5.6	5.4	5.6
Charlottesville	3.6	3.7	3.7	16.0	16.7	16.3	23.8	24.2	24.4
Danville	1.2	1.2	1.2	7.9	7.9	7.7	5.9	5.8	6.1
Lynchburg	3.6	3.8	3.8	19.2	20.1	20.0	9.7	9.9	9.9
Norfolk-Virginia Beach-Newport News	25.0	26.3	26.2	161.3	163.2	161.2	142.8	140.5	140.4
Northern Virginia	48.1	48.9	48.9	272.6	281.6	283.2	158.3	157.8	159.4
Richmond-Petersburg	37.9	40.0	39.9	109.6	112.8	111.2	97.8	100.3	101.3
Roanoke	8.8	8.8	8.8	34.6	36.2	35.8	17.1	17.0	17.6
Washington	117.5	118.2	118.7	562.9	576.0	574.3	438.8	434.1	447.1
Seattle	73.1	73.7	74.5	290.6	292.3	291.7	166.7	163.9	170.9
West Virginia	24.7	25.0	25.0	160.0	167.7	167.0	133.3	134.1	135.1
Charleston	6.3	6.4	6.4	32.5	34.1	33.8	20.4	21.0	21.1
Huntington-Ashland	3.7	3.7	3.7	27.3	28.6	28.5	20.0	20.5	20.5
Parkersburg-Marietta	2.4	2.4	2.4	16.1	16.0	16.1	10.7	11.0	11.0
Wheeling	3.0	3.0	3.0	18.4	18.6	18.8	9.8	9.7	9.6
Wisconsin	127.1	131.2	131.3	577.9	595.7	592.8	370.5	369.6	372.1
Appleton-Oshkosh-Neenah	8.5	8.6	8.6	36.3	38.2	38.2	19.3	19.4	19.5
Eau Claire	2.0	2.0	2.0	14.3	14.8	14.8	12.2	11.8	12.2
Green Bay	6.9	7.5	7.6	28.5	28.8	28.8	13.0	12.8	12.9
Janesville-Beloit	1.7	1.8	1.8	13.9	13.6	14.1	7.9	8.3	8.2
Kenosha	1.4	1.4	1.4	10.7	11.2	11.0	6.8	6.8	6.9
La Crosse	1.9	1.9	1.9	16.4	17.1	18.8	9.0	8.6	8.7
Madison	20.3	21.5	21.6	54.8	58.3	58.0	67.3	67.7	68.2
Milwaukee	52.3	53.7	53.7	224.4	230.2	228.9	90.5	90.5	90.5
Racine	2.3	2.3	2.3	17.7	18.5	18.2	9.2	8.8	9.0
Sheboygan	2.3	2.3	2.3	9.8	10.2	10.1	6.0	5.9	6.0
Wausau	4.0	4.1	4.2	10.2	10.4	10.4	6.8	6.6	6.6
Wyoming	7.3	7.6	7.5	38.8	41.6	39.6	59.3	59.0	59.1
Casper	1.1	1.1	1.1	7.0	7.1	7.0	5.3	5.4	5.4
Puerto Rico	36.2	35.9	36.1	144.0	148.0	148.8	297.7	291.0	293.4
Caguas	1.2	1.3	1.3	9.6	10.2	10.2	17.6	17.7	17.8
Mayaguez	1.5	1.4	1.4	9.6	9.7	9.8	19.4	19.7	19.8
Ponce	1.7	1.6	1.7	12.3	13.3	13.3	18.1	18.2	18.3
San Juan	28.6	28.5	28.5	98.0	100.3	101.2	173.1	168.9	170.1
Virgin Islands	2.1	2.1	2.1	9.5	9.7	10.3	13.8	13.6	13.6

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 1992 benchmarks.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

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

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	10.58	363.95	43.9	14.54	638.31	38.0	14.15	537.70
1993 ^p	34.5	10.83	373.64	44.3	14.60	646.78	38.4	14.35	551.04
	Monthly data, not seasonally adjusted								
1992:									
December	34.5	\$10.70	\$369.15	44.4	\$14.58	\$647.35	37.2	\$14.27	\$530.84
1993:									
January	34.0	10.77	366.18	44.1	14.72	649.15	36.1	14.20	512.62
February	34.1	10.77	367.26	43.5	14.60	635.10	36.7	14.11	517.84
March	34.0	10.79	366.86	42.9	14.71	631.06	37.4	14.27	533.70
April	34.2	10.79	369.02	43.7	14.88	650.26	37.8	14.25	538.65
May	34.6	10.82	374.37	44.3	14.72	652.10	39.2	14.31	560.95
June	34.6	10.76	372.30	44.1	14.59	643.42	39.3	14.23	559.24
July	34.8	10.75	374.10	44.1	14.48	638.57	39.5	14.35	566.83
August	35.1	10.78	378.38	44.9	14.43	647.91	39.7	14.43	572.87
September	34.5	10.91	376.40	44.5	14.53	646.59	38.3	14.51	555.73
October	34.6	10.94	378.52	45.5	14.46	657.93	39.3	14.53	571.03
November ^p	34.5	10.96	378.12	44.6	14.43	643.58	38.6	14.45	557.77
December ^p	34.7	10.97	380.66	45.0	14.66	659.70	38.3	14.44	553.05

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

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

Year and month	Manufacturing				Transportation and public utilities			Wholesale trade		
	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages										
1964	40.7	\$2.53	\$2.43	\$102.97	41.1	\$2.89	\$118.78	40.7	\$2.52	\$102.56
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	13.46	523.59	38.2	11.39	435.10
1993 ^a	41.4	11.76	11.20	486.86	39.6	13.65	540.54	38.2	11.71	447.32
Monthly data, not seasonally adjusted										
1992:										
December	41.9	\$11.64	\$11.09	\$487.72	39.2	\$13.58	\$532.34	38.2	\$11.52	\$440.06
1993:										
January	41.1	11.62	11.11	477.58	39.0	13.58	529.62	37.8	11.59	438.10
February	41.1	11.62	11.11	477.58	39.1	13.60	531.76	37.9	11.61	440.02
March	40.9	11.64	11.14	476.08	39.2	13.63	534.30	37.8	11.59	438.10
April	40.9	11.71	11.19	478.94	39.2	13.61	533.51	38.0	11.70	444.60
May	41.3	11.72	11.18	484.04	39.8	13.57	540.09	38.4	11.73	450.43
June	41.4	11.73	11.17	485.62	39.7	13.58	539.13	38.3	11.64	445.81
July	41.0	11.73	11.19	480.93	40.0	13.65	546.00	38.3	11.71	448.49
August	41.5	11.71	11.14	485.97	40.4	13.65	551.46	38.4	11.73	450.43
September	41.5	11.86	11.25	492.19	39.8	13.70	545.26	38.1	11.78	448.82
October	41.8	11.81	11.21	493.66	39.9	13.68	545.83	38.3	11.80	451.94
November ^b	42.0	11.88	11.27	498.96	39.9	13.71	547.03	38.2	11.79	450.38
December ^b	42.4	12.00	11.36	508.80	39.6	13.77	545.29	38.3	11.85	453.86

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

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

Year and month	Retail trade			Finance, insurance, and real estate			Services		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages									
1964	37.0	\$1.75	\$64.75	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	7.13	205.34	35.8	10.82	387.36	32.5	10.55	342.88
1993 ^p	28.8	7.29	209.95	35.7	11.32	404.12	32.5	10.81	351.33
Monthly data, not seasonally adjusted									
1992:									
December	29.2	\$7.20	\$210.24	35.6	\$11.03	\$392.67	32.3	\$10.76	\$347.55
1993:									
January	28.0	7.27	203.56	35.7	11.13	397.34	32.2	10.83	348.73
February	28.2	7.26	204.73	35.7	11.19	399.48	32.3	10.83	349.81
March	27.8	7.28	202.38	35.5	11.17	396.54	32.3	10.81	349.16
April	28.5	7.27	207.20	35.7	11.21	400.20	32.3	10.77	347.87
May	28.9	7.28	210.39	36.2	11.34	410.51	32.7	10.78	352.51
June	29.1	7.26	211.27	35.6	11.20	398.72	32.6	10.68	348.17
July	29.6	7.24	214.30	35.6	11.24	400.14	32.8	10.64	348.99
August	29.7	7.24	215.03	36.4	11.35	413.14	33.1	10.68	353.51
September	28.9	7.32	211.55	35.6	11.38	405.13	32.3	10.85	350.46
October	28.8	7.36	211.97	35.7	11.48	409.84	32.4	10.89	352.84
November ^p	28.6	7.36	210.50	35.7	11.53	411.62	32.5	10.95	355.88
December ^p	29.2	7.35	214.62	35.8	11.60	415.28	32.5	10.99	357.18

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 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1992 forward are subject to revision.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Total private		34.5	34.5	34.6	34.5	34.7	-	-	-	-	-
Mining		44.6	44.4	45.5	44.6	45.0	-	-	-	-	-
Metal mining	10	43.3	43.2	42.9	42.7	-	-	-	-	-	
Iron ores	101	41.5	40.8	44.5	45.0	-	-	-	-	-	
Copper ores	102	44.6	44.5	44.0	43.2	-	-	-	-	-	
Coal mining	12	44.0	44.8	45.5	45.3	-	-	-	-	-	
Bituminous coal and lignite mining	122	44.3	45.1	45.9	45.4	-	-	-	-	-	
Oil and gas extraction	13	45.0	44.6	45.4	44.1	-	-	-	-	-	
Crude petroleum and natural gas	131	42.8	42.2	43.9	42.4	-	-	-	-	-	
Oil and gas field services	138	46.4	46.1	46.3	45.1	-	-	-	-	-	
Nonmetallic minerals, except fuels	14	44.9	44.1	47.3	46.7	-	-	-	-	-	
Crushed and broken stone	142	45.4	44.0	49.0	47.9	-	-	-	-	-	
Construction		37.5	37.2	39.3	38.6	38.3	-	-	-	-	
General building contractors	15	37.3	37.0	38.4	37.8	-	-	-	-	-	
Residential building construction	152	36.6	35.8	37.7	37.1	-	-	-	-	-	
Operative builders	153	38.0	37.1	38.5	38.1	-	-	-	-	-	
Nonresidential building construction	154	37.9	38.2	39.0	38.5	-	-	-	-	-	
Heavy construction, except building	16	40.0	39.4	43.2	42.3	-	-	-	-	-	
Highway and street construction	161	39.3	37.8	44.7	42.7	-	-	-	-	-	
Heavy construction, except highway	162	40.3	39.9	42.4	42.1	-	-	-	-	-	
Special trade contractors	17	36.8	36.7	38.5	37.8	-	-	-	-	-	
Plumbing, heating, and air conditioning	171	38.6	38.8	39.7	38.9	-	-	-	-	-	
Painting and paper hanging	172	35.1	35.7	36.5	36.5	-	-	-	-	-	
Electrical work	173	38.7	39.1	39.7	39.1	-	-	-	-	-	
Masonry, stonework, and plastering	174	34.4	33.8	35.7	35.3	-	-	-	-	-	
Carpentry and floor work	175	35.9	35.4	36.6	35.4	-	-	-	-	-	
Roofing, siding, and sheet metal work	176	32.9	32.3	35.5	35.5	-	-	-	-	-	
Manufacturing		41.6	41.9	41.8	42.0	42.4	4.1	4.2	4.5	4.6	
Durable goods		42.1	42.6	42.5	42.8	43.3	4.1	4.3	4.7	4.9	
Lumber and wood products	24	40.7	40.8	41.4	41.4	41.6	3.9	3.8	4.5	4.4	
Logging	241	39.4	38.8	41.4	40.2	-	4.9	4.4	6.1	5.6	
Sawmills and planing mills	242	41.7	42.0	42.3	42.5	-	4.4	4.5	5.2	5.2	
Sawmills and planing mills, general	2421	42.0	42.3	42.7	42.9	-	4.8	4.8	5.5	5.6	
Hardwood dimension and flooring mills	2426	40.5	40.9	41.0	41.6	-	3.3	3.5	3.8	4.1	
Millwork, plywood, and structural members	243	40.8	40.8	41.2	41.4	-	3.6	3.5	4.1	4.1	
Millwork	2431	40.2	40.0	41.0	40.8	-	3.1	2.9	3.6	3.4	
Wood kitchen cabinets	2434	40.6	40.5	41.1	41.6	-	3.5	3.3	4.2	4.4	
Hardwood veneer and plywood	2435	41.5	42.2	41.7	42.0	-	4.0	4.7	4.3	4.6	
Softwood veneer and plywood	2436	43.6	43.6	41.4	42.3	-	5.4	5.1	4.8	5.2	
Wood containers	244	39.3	39.4	39.8	39.4	-	3.0	3.1	3.5	3.0	
Wood buildings and mobile homes	245	40.4	40.2	41.5	41.4	-	3.1	3.4	4.1	4.0	
Mobile homes	2451	40.8	40.6	41.6	41.5	-	3.2	3.6	4.2	4.0	
Miscellaneous wood products	249	40.5	41.3	40.6	41.2	-	3.2	3.2	3.4	3.6	
Furniture and fixtures	25	40.2	41.2	40.7	40.9	41.3	2.9	3.6	3.5	3.5	
Household furniture	251	39.1	40.2	39.9	40.1	-	2.4	3.2	3.1	3.1	
Wood household furniture	2511	39.5	40.3	40.0	40.4	-	2.4	2.9	3.1	3.2	
Upholstered household furniture	2512	38.4	39.8	39.7	39.6	-	2.2	3.4	2.9	2.9	
Metal household furniture	2514	40.5	41.9	42.3	41.7	-	3.1	4.7	4.1	4.1	
Mattresses and bedsprings	2515	38.9	40.2	38.9	38.7	-	2.2	2.8	2.9	2.2	
Office furniture	252	41.1	43.2	42.0	43.7	-	3.2	3.9	4.1	4.5	
Public building and related furniture	253	42.7	43.2	41.6	41.7	-	4.2	4.7	3.7	3.8	
Partitions and fixtures	254	41.2	41.2	41.7	41.2	-	3.9	4.1	4.9	4.3	
Miscellaneous furniture and fixtures	259	42.9	44.0	42.1	42.3	-	3.5	4.5	3.5	3.6	

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Total private		\$10.72	\$10.70	\$10.94	\$10.96	\$10.97	\$369.84	\$369.15	\$378.52	\$378.12	\$380.66
Mining		14.61	14.58	14.46	14.43	14.66	651.61	647.35	657.93	643.58	659.70
Metal mining	10	15.52	15.47	15.44	15.62	-	672.02	668.30	662.38	666.97	-
Iron ores	101	17.20	17.10	16.55	17.13	-	713.80	697.68	736.48	770.85	-
Copper ores	102	13.91	13.86	14.15	14.30	-	620.39	616.77	622.60	617.76	-
Coal mining	12	17.51	17.31	17.08	17.12	-	770.44	775.49	777.14	775.54	-
Bituminous coal and lignite mining	122	17.68	17.47	17.29	17.35	-	783.22	787.90	793.61	787.69	-
Oil and gas extraction	13	13.95	13.92	14.02	13.90	-	627.75	620.83	636.51	612.99	-
Crude petroleum and natural gas	131	16.67	16.57	17.48	17.20	-	713.48	699.25	767.37	729.28	-
Oil and gas field services	138	12.23	12.29	12.15	12.11	-	567.47	566.57	562.55	546.16	-
Nonmetallic minerals, except fuels	14	12.44	12.46	12.87	12.86	-	558.56	549.49	608.75	600.56	-
Crushed and broken stone	142	11.76	11.60	12.27	12.16	-	533.90	510.40	601.23	582.46	-
Construction		14.24	14.27	14.53	14.45	14.44	534.00	530.84	571.03	557.77	553.05
General building contractors	15	13.59	13.57	13.74	13.70	-	506.91	502.09	527.62	517.86	-
Residential building construction	152	12.63	12.58	12.68	12.74	-	462.26	450.36	478.04	472.65	-
Operative builders	153	13.61	13.41	13.38	13.17	-	517.18	497.51	515.13	501.78	-
Nonresidential building construction	154	14.44	14.43	14.68	14.58	-	547.28	551.23	572.52	561.33	-
Heavy construction, except building	16	14.02	13.82	14.48	14.24	-	560.80	544.51	625.54	602.35	-
Highway and street construction	161	13.69	12.98	14.64	14.21	-	538.02	490.64	654.41	606.77	-
Heavy construction, except highway	162	14.15	14.10	14.40	14.25	-	570.25	562.59	610.56	599.93	-
Special trade contractors	17	14.54	14.65	14.81	14.76	-	535.07	537.66	570.19	557.93	-
Plumbing, heating, and air conditioning	171	14.90	15.03	15.09	14.96	-	575.14	583.16	599.07	581.94	-
Painting and paper hanging	172	13.29	13.38	13.66	13.71	-	466.48	477.67	498.59	500.42	-
Electrical work	173	15.55	15.69	15.91	15.92	-	601.79	613.48	631.63	622.47	-
Masonry, stonework, and plastering	174	14.41	14.45	14.89	14.78	-	495.70	488.41	531.57	521.73	-
Carpentry and floor work	175	14.56	14.54	14.46	14.35	-	522.70	514.72	529.24	507.99	-
Roofing, siding, and sheet metal work	176	12.46	12.81	12.97	13.10	-	409.93	413.76	460.44	465.05	-
Manufacturing		11.55	11.64	11.81	11.88	12.00	480.48	487.72	493.66	498.96	508.80
Durable goods		12.12	12.22	12.42	12.49	12.60	510.25	520.57	527.85	534.57	545.58
Lumber and wood products	24	9.50	9.51	9.71	9.66	9.69	386.65	388.01	401.99	399.92	403.10
Logging	241	11.39	11.18	11.60	11.48	-	448.77	433.78	480.24	461.50	-
Sawmills and planing mills	242	9.70	9.75	9.87	9.82	-	404.49	409.50	417.50	417.35	-
Sawmills and planing mills, general	2421	10.10	10.14	10.23	10.20	-	424.20	428.92	436.82	437.58	-
Hardwood dimension and flooring mills	2426	8.02	8.06	8.34	8.31	-	324.81	329.65	341.94	345.70	-
Millwork, plywood, and structural members	243	9.47	9.54	9.72	9.73	-	386.38	389.23	400.46	402.82	-
Millwork	2431	9.71	9.78	10.05	9.94	-	390.34	391.20	412.05	405.55	-
Wood kitchen cabinets	2434	8.89	8.99	9.08	9.15	-	360.93	364.10	373.19	380.64	-
Hardwood veneer and plywood	2435	8.10	8.17	8.38	8.42	-	336.15	344.77	349.45	353.64	-
Softwood veneer and plywood	2436	11.10	11.10	11.52	11.65	-	483.96	483.96	476.93	492.80	-
Wood containers	244	6.96	6.99	7.13	7.09	-	273.53	275.41	283.77	279.35	-
Wood buildings and mobile homes	245	9.22	9.22	9.49	9.34	-	372.49	370.64	393.84	386.68	-
Mobile homes	2451	9.25	9.17	9.56	9.35	-	377.40	372.30	397.70	388.03	-
Miscellaneous wood products	249	8.86	8.88	9.01	9.02	-	358.83	366.74	365.81	371.62	-
Furniture and fixtures	25	9.09	9.19	9.40	9.45	9.44	365.42	378.63	382.58	386.51	389.87
Household furniture	251	8.50	8.60	8.84	8.88	-	332.35	345.72	352.72	356.09	-
Wood household furniture	2511	7.94	7.98	8.30	8.35	-	313.63	321.59	332.00	337.34	-
Upholstered household furniture	2512	9.36	9.53	9.62	9.65	-	359.42	379.29	381.91	382.14	-
Metal household furniture	2514	8.58	8.49	8.79	8.71	-	347.49	355.73	371.82	363.21	-
Mattresses and bedsprings	2515	8.69	8.91	9.19	9.29	-	338.04	358.18	357.49	359.52	-
Office furniture	252	9.69	9.95	10.25	10.26	-	398.26	429.84	430.50	448.36	-
Public building and related furniture	253	9.75	9.73	9.61	9.69	-	416.33	420.34	399.78	404.07	-
Partitions and fixtures	254	10.44	10.53	10.64	10.83	-	430.13	433.84	443.69	446.20	-
Miscellaneous furniture and fixtures	259	9.41	9.49	9.63	9.59	-	403.69	417.56	405.42	405.66	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^a	Dec. 1993 ^a	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^a	Dec. 1993 ^a
Durable goods—Continued											
Stone, clay, and glass products	32	42.6	42.1	43.5	43.6	43.1	4.9	4.6	5.8	5.7	-
Flat glass	321	45.3	45.0	47.3	48.6	-	6.0	6.1	9.1	9.8	-
Glass and glassware, pressed or blown	322	42.9	42.5	42.2	42.9	-	4.7	4.6	4.4	4.4	-
Glass containers	3221	43.5	43.4	43.1	43.3	-	5.8	5.8	5.8	5.6	-
Pressed and blown glass, nec	3229	42.3	41.7	41.4	42.5	-	3.6	3.7	3.3	3.3	-
Products of purchased glass	323	41.9	42.6	42.9	43.7	-	3.3	4.0	4.1	4.5	-
Cement, hydraulic	324	42.7	42.9	42.2	43.2	-	3.8	3.8	4.0	4.3	-
Structural clay products	325	41.1	40.9	41.6	41.3	-	3.5	3.5	3.9	3.9	-
Pottery and related products	326	42.8	42.8	41.2	41.9	-	3.9	3.7	4.7	4.7	-
Concrete, gypsum, and plaster products	327	42.8	41.0	45.1	44.5	-	6.0	5.0	8.0	7.3	-
Concrete block and brick	3271	44.0	42.2	47.0	45.9	-	6.1	5.3	8.5	7.5	-
Concrete products, nec	3272	42.9	42.9	44.4	44.1	-	5.3	5.0	6.5	6.1	-
Ready-mixed concrete	3273	41.7	38.6	45.0	44.0	-	6.0	4.5	8.6	7.7	-
Misc. nonmetallic mineral products	329	42.8	43.5	43.0	43.2	-	5.1	5.0	4.8	5.0	-
Abrasive products	3291	42.8	43.4	43.5	43.7	-	4.3	4.4	4.0	4.2	-
Asbestos products	3292	42.1	44.0	42.0	42.4	-	5.8	5.7	5.6	5.6	-
Primary metal industries	33	43.3	43.8	43.6	44.1	44.2	5.2	5.3	5.8	6.0	-
Blast furnaces and basic steel products	331	43.4	44.1	43.6	44.0	43.7	5.4	5.4	5.6	5.7	-
Blast furnaces and steel mills	3312	43.4	43.9	43.8	44.2	-	5.5	5.4	5.8	5.9	-
Steel pipe and tubes	3317	44.4	45.3	43.2	44.2	-	4.9	5.6	5.0	5.5	-
Iron and steel foundries	332	43.4	43.9	45.1	45.4	-	5.3	5.3	6.6	7.0	-
Gray and ductile iron foundries	3321	43.8	44.0	45.9	46.1	-	5.6	5.4	7.4	7.9	-
Malleable iron foundries	3322	44.1	46.8	43.7	43.8	-	7.1	9.6	8.3	8.2	-
Steel foundries, nec	3325	42.2	43.0	43.7	44.3	-	4.5	5.0	4.9	5.6	-
Primary nonferrous metals	333	42.9	43.3	42.1	42.4	-	5.4	5.1	4.9	5.0	-
Primary aluminum	3334	42.5	43.0	41.4	41.8	-	5.3	5.1	4.6	4.7	-
Nonferrous rolling and drawing	335	44.0	44.2	43.7	44.5	-	5.8	5.9	6.2	6.6	-
Copper rolling and drawing	3351	42.8	43.2	43.3	44.1	-	5.6	6.3	7.3	7.2	-
Aluminum sheet, plate, and foil	3353	46.6	46.2	45.5	46.2	-	7.9	7.3	7.6	7.8	-
Nonferrous wire drawing and insulating	3357	42.8	43.3	43.0	44.1	-	4.8	4.9	5.6	6.0	-
Nonferrous foundries (castings)	336	41.6	42.2	42.1	42.7	-	3.6	3.8	4.5	4.8	-
Aluminum foundries	3365	41.1	42.1	42.1	42.2	-	3.6	3.8	4.4	4.5	-
Fabricated metal products	34	42.2	42.7	42.8	42.9	43.4	4.1	4.3	4.7	4.9	-
Metal cans and shipping containers	341	44.3	45.2	43.5	43.7	-	5.9	5.9	5.9	5.6	-
Metal cans	3411	44.2	45.5	43.4	43.5	-	5.9	6.0	6.1	5.7	-
Cutlery, handtools, and hardware	342	42.0	42.9	42.0	42.8	-	3.5	4.0	4.1	4.5	-
Hand and edge tools, and blades and handsaws	3423,4	42.4	42.6	41.7	42.0	-	3.9	3.7	4.0	3.9	-
Hardware, nec	3429	41.5	42.7	42.0	43.0	-	3.0	3.9	4.1	4.7	-
Plumbing and heating, except electric	343	42.3	42.3	42.3	42.9	-	4.1	4.0	4.6	4.9	-
Plumbing fixture fittings and trim	3432	41.7	42.2	41.4	42.8	-	3.6	4.2	3.1	4.3	-
Heating equipment, except electric	3433	42.2	42.2	42.9	42.8	-	4.3	3.6	5.3	4.9	-
Fabricated structural metal products	344	41.7	41.8	42.1	42.2	-	4.1	4.1	4.7	4.7	-
Fabricated structural metal	3441	42.0	43.0	43.0	43.4	-	4.4	5.3	5.2	5.4	-
Metal doors, sash, and trim	3442	41.1	39.5	41.4	41.0	-	3.4	2.5	4.0	4.0	-
Fabricated plate work (boiler shops)	3443	42.5	43.0	42.4	43.2	-	4.5	4.9	5.0	5.2	-
Sheet metal work	3444	40.8	41.3	41.4	41.2	-	3.5	3.5	4.2	4.3	-
Architectural metal work	3446	40.6	40.6	41.5	41.5	-	3.6	3.3	4.3	3.8	-
Screw machine products, bolts, etc	345	42.0	42.7	42.1	42.6	-	4.2	4.4	4.8	5.1	-
Screw machine products	3451	41.7	41.7	41.6	42.0	-	4.0	3.9	4.4	4.7	-
Bolts, nuts, rivets, and washers	3452	42.4	43.8	42.7	43.4	-	4.4	5.0	5.2	5.5	-
Metal forgings and stampings	346	42.8	43.4	44.5	44.8	-	4.3	4.7	5.8	6.1	-
Iron and steel forgings	3462	43.2	43.4	42.8	43.1	-	4.3	5.0	4.8	5.2	-
Automotive stampings	3465	43.3	44.2	45.9	46.8	-	4.5	5.1	6.6	7.3	-
Metal stampings, nec	3469	41.8	42.1	43.0	42.6	-	3.9	3.9	4.8	4.6	-
Metal services, nec	347	41.6	42.4	41.3	41.3	-	4.0	4.2	3.9	4.2	-
Plating and polishing	3471	41.2	41.7	40.9	40.9	-	3.6	3.8	3.6	4.0	-
Metal coating and allied services	3479	42.7	43.5	42.0	41.9	-	4.7	4.9	4.5	4.5	-
Ordnance and accessories, nec	348	42.3	43.3	41.3	42.6	-	4.0	4.1	3.7	3.9	-
Ammunition, except for small arms, nec	3483	42.3	42.6	40.7	42.3	-	3.5	3.4	3.0	3.6	-
Misc. fabricated metal products	349	42.4	43.0	42.5	42.8	-	3.9	4.4	4.5	4.7	-
Valves and pipe fittings, nec	3494	43.6	43.1	42.4	42.0	-	4.8	4.5	4.8	4.8	-
Misc. fabricated wire products	3496	41.1	42.1	42.1	42.3	-	3.0	3.6	3.9	4.0	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^a	Dec. 1993 ^a	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^a	Dec. 1993 ^a
Durable goods—Continued											
Stone, clay, and glass products	32	\$11.67	\$11.64	\$11.92	\$11.98	\$11.93	\$497.14	\$490.04	\$518.52	\$522.33	\$514.18
Flat glass	321	16.39	16.67	17.95	18.29	-	742.47	750.15	849.04	888.89	-
Glass and glassware, pressed or blown	322	12.96	13.12	13.39	13.42	-	555.98	557.60	565.06	575.72	-
Glass containers	3221	13.53	13.55	13.82	13.89	-	588.56	588.07	595.64	601.44	-
Pressed and blown glass, nec	3229	12.43	12.71	12.99	12.99	-	525.79	530.01	537.79	552.08	-
Products of purchased glass	323	10.20	10.22	10.13	10.20	-	427.38	435.37	434.58	445.74	-
Cement, hydraulic	324	15.11	14.88	15.19	15.80	-	645.20	638.35	641.02	682.56	-
Structural clay products	325	10.15	10.05	10.43	10.58	-	417.17	411.05	433.89	436.95	-
Pottery and related products	326	9.95	9.90	10.45	10.41	-	425.86	423.72	430.54	436.18	-
Concrete, gypsum, and plaster products	327	11.26	11.07	11.50	11.47	-	481.93	453.87	518.65	510.42	-
Concrete block and brick	3271	10.42	10.50	10.80	10.72	-	458.48	443.10	507.60	492.05	-
Concrete products, nec	3272	10.16	10.09	10.34	10.29	-	435.86	432.86	459.10	453.79	-
Ready-mixed concrete	3273	11.99	11.71	12.17	12.13	-	499.98	452.01	547.65	533.72	-
Misc. nonmetallic mineral products	329	12.29	12.29	12.39	12.46	-	526.01	534.62	532.77	538.27	-
Abrasive products	3291	10.55	10.58	10.71	10.62	-	451.54	459.17	465.89	464.09	-
Asbestos products	3292	13.22	13.36	14.18	14.51	-	556.56	587.84	595.56	615.22	-
Primary metal industries	33	13.75	13.81	14.02	14.10	14.22	595.38	604.88	611.27	621.81	628.52
Blast furnaces and basic steel products	331	16.02	16.10	16.45	16.55	16.67	695.27	710.01	717.22	728.20	728.48
Blast furnaces and steel mills	3312	17.06	17.14	17.62	17.77	-	740.40	752.45	771.76	785.43	-
Steel pipe and tubes	3317	12.49	12.61	12.81	12.91	-	554.56	571.23	553.39	570.62	-
Iron and steel foundries	332	12.23	12.27	12.60	12.77	-	530.78	538.65	568.26	579.76	-
Gray and ductile iron foundries	3321	12.65	12.67	13.11	13.36	-	554.07	557.48	601.75	615.90	-
Malleable iron foundries	3322	13.12	13.33	13.72	14.10	-	578.59	623.84	599.56	617.58	-
Steel foundries, nec	3325	11.65	11.76	11.71	11.65	-	491.63	505.68	511.73	516.10	-
Primary nonferrous metals	333	15.23	15.13	15.43	15.26	-	653.37	655.13	649.60	847.02	-
Primary aluminum	3334	15.38	15.29	15.67	15.37	-	653.65	657.47	648.74	642.47	-
Nonferrous rolling and drawing	335	12.96	13.09	13.09	13.28	-	570.24	578.58	572.03	590.96	-
Copper rolling and drawing	3351	12.46	12.72	12.87	12.89	-	533.29	549.50	557.27	568.45	-
Aluminum sheet, plate, and foil	3353	15.60	15.65	15.46	15.63	-	726.96	723.03	703.43	722.11	-
Nonferrous wire drawing and insulating	3357	12.85	12.93	13.16	13.30	-	549.98	559.87	565.88	586.53	-
Nonferrous foundries (castings)	336	11.01	11.05	11.25	11.21	-	458.02	466.31	473.63	478.67	-
Aluminum foundries	3365	10.48	10.60	10.62	10.58	-	430.73	446.26	447.10	446.48	-
Fabricated metal products	34	11.48	11.60	11.74	11.83	11.95	484.46	495.32	500.12	507.51	518.63
Metal cans and shipping containers	341	14.76	15.07	15.10	15.19	-	653.87	681.16	656.85	663.80	-
Metal cans	3411	15.83	16.10	16.19	16.29	-	699.69	732.55	702.65	708.62	-
Cutlery, handtools, and hardware	342	11.39	11.57	11.78	11.81	-	478.38	496.35	494.76	505.47	-
Hand and edge tools, and blades and handsaws	3423,5	10.70	10.71	11.11	11.10	-	453.68	456.25	463.29	466.20	-
Hardware, nec	3429	11.52	11.77	11.82	11.87	-	478.08	502.58	496.44	510.41	-
Plumbing and heating, except electric	343	10.36	10.43	10.62	10.63	-	438.23	441.19	449.23	456.03	-
Plumbing fixture fittings and trim	3432	9.93	9.95	10.00	9.95	-	414.08	419.89	414.00	425.86	-
Heating equipment, except electric	3433	10.47	10.59	10.82	10.86	-	441.83	446.90	464.18	464.81	-
Fabricated structural metal products	344	10.75	10.83	10.91	10.90	-	448.28	452.69	459.31	459.98	-
Fabricated structural metal	3441	10.77	10.80	10.79	10.76	-	452.34	464.40	463.97	466.98	-
Metal doors, sash, and trim	3442	9.03	9.01	9.15	9.26	-	371.13	355.90	378.81	379.66	-
Fabricated plate work (boiler shops)	3443	12.06	12.15	12.43	12.42	-	512.55	522.45	527.03	536.54	-
Sheet metal work	3444	10.96	11.04	11.11	11.08	-	447.17	455.95	459.95	456.50	-
Architectural metal work	3446	10.03	10.18	10.36	10.02	-	407.22	413.31	429.94	415.83	-
Screw machine products, bolts, etc	345	11.40	11.50	11.59	11.67	-	478.80	491.05	487.94	497.14	-
Screw machine products	3451	10.54	10.66	10.85	10.96	-	439.52	444.52	451.36	460.32	-
Bolts, nuts, rivets, and washers	3452	12.37	12.42	12.43	12.48	-	524.49	544.00	530.76	541.63	-
Metal forgings and stampings	346	13.62	13.75	14.04	14.32	-	582.94	596.75	624.78	641.54	-
Iron and steel forgings	3462	13.39	13.73	13.54	13.72	-	578.45	595.88	579.51	591.33	-
Automotive stampings	3465	15.48	15.60	16.06	16.53	-	670.28	689.52	737.15	773.60	-
Metal stampings, nec	3469	11.01	11.02	11.20	11.20	-	460.22	463.94	481.60	477.12	-
Metal services, nec	347	9.54	9.63	9.57	9.66	-	398.77	408.31	395.24	398.96	-
Plating and polishing	3471	9.46	9.58	9.66	9.77	-	389.75	399.49	395.09	399.59	-
Metal coating and allied services	3479	9.66	9.72	9.43	9.48	-	412.48	422.82	396.06	397.21	-
Ordnance and accessories, nec	348	12.76	12.72	13.50	13.62	-	539.75	550.78	557.55	580.21	-
Ammunition, except for small arms, nec	3483	12.69	12.52	13.64	13.73	-	536.79	533.35	555.15	580.78	-
Misc. fabricated metal products	349	10.71	10.86	10.97	11.05	-	454.10	466.98	466.23	472.94	-
Valves and pipe fittings, nec	3494	11.35	11.49	11.35	11.40	-	494.86	495.22	481.24	478.80	-
Misc. fabricated wire products	3496	9.49	9.59	9.76	9.84	-	390.04	403.74	410.90	416.23	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Durable goods—Continued											
Industrial machinery and equipment	35	43.0	43.7	43.2	43.4	44.3	4.5	5.0	4.9	5.1	-
Engines and turbines	351	44.8	45.9	45.0	45.6	-	5.7	5.6	5.7	6.3	-
Turbines and turbine generator sets	3511	45.9	46.9	44.3	45.7	-	8.1	7.6	7.0	7.8	-
Internal combustion engines, nec	3519	44.3	45.4	45.3	45.6	-	4.7	4.8	5.2	5.7	-
Farm and garden machinery	352	41.1	41.8	42.7	42.4	-	2.7	3.5	4.3	4.1	-
Farm machinery and equipment	3523	41.9	42.5	43.4	43.4	-	2.9	3.7	4.8	4.6	-
Construction and related machinery	353	43.9	44.6	44.0	43.6	-	4.6	5.3	4.8	5.2	-
Construction machinery	3531	43.4	43.7	43.8	42.2	-	3.8	4.3	4.0	4.5	-
Mining machinery	3532	40.7	41.3	42.3	43.3	-	3.4	3.9	5.1	6.1	-
Oil and gas field machinery	3533	47.2	47.8	48.3	46.8	-	6.9	7.5	7.0	6.6	-
Conveyors and conveying equipment	3535	43.8	45.8	42.4	43.8	-	5.3	6.9	4.8	6.0	-
Industrial trucks and tractors	3537	41.9	41.9	41.6	42.7	-	3.8	4.1	4.2	4.5	-
Metalworking machinery	354	43.7	44.4	43.5	44.0	-	5.4	5.8	5.6	5.9	-
Machine tools, metal cutting types	3541	43.2	44.3	43.2	43.6	-	4.8	5.3	5.0	5.2	-
Machine tools, metal forming types	3542	43.9	44.2	45.6	46.5	-	5.3	5.6	6.0	6.7	-
Special dies, tools, jigs, and fixtures	3544	44.2	44.9	44.0	44.2	-	6.3	6.6	6.4	6.5	-
Machine tool accessories	3545	42.9	43.5	42.4	43.4	-	4.2	4.4	4.1	4.5	-
Power driven handtools	3546	43.4	44.1	41.9	42.8	-	3.7	3.9	4.2	4.8	-
Special industry machinery	355	42.8	43.7	42.7	43.8	-	4.7	5.3	4.9	5.5	-
Textile machinery	3552	43.3	44.2	40.7	41.8	-	4.4	5.0	3.4	3.8	-
Printing trades machinery	3555	41.5	42.5	41.6	42.7	-	4.8	5.4	4.6	5.2	-
Food products machinery	3556	42.1	43.3	43.1	44.7	-	4.2	5.2	5.4	6.4	-
General industrial machinery	356	42.7	43.6	43.0	43.2	-	4.4	5.0	4.7	4.7	-
Pumps and pumping equipment	3561	42.7	42.8	43.7	43.7	-	4.5	4.8	5.2	4.7	-
Ball and roller bearings	3562	42.7	43.5	43.4	43.8	-	4.6	5.3	5.6	6.0	-
Air and gas compressors	3563	43.8	43.9	42.9	44.5	-	4.8	5.4	4.7	5.1	-
Blowers and fans	3564	41.4	43.0	42.7	42.8	-	3.6	4.4	4.2	4.4	-
Speed changers, drives, and gears	3566	44.1	46.0	41.6	43.0	-	5.6	6.4	4.9	5.7	-
Power transmission equipment, nec	3568	43.1	43.7	43.3	43.2	-	4.5	5.1	4.0	3.8	-
Computer and office equipment	357	43.1	43.1	42.0	42.3	-	3.9	4.2	3.7	3.8	-
Electronic computers	3571	42.0	42.7	42.6	42.6	-	3.8	4.2	3.7	3.8	-
Computer terminals, calculators, and office machines, nec	3575,8,9	43.6	43.5	42.6	43.2	-	4.1	3.7	4.9	4.8	-
Refrigeration and service machinery	358	41.9	43.2	43.3	43.8	-	3.3	3.9	5.0	5.2	-
Refrigeration and heating equipment	3585	41.7	43.3	43.9	44.4	-	3.2	3.8	5.4	5.8	-
Misc. industrial and commercial machinery	359	42.7	43.4	42.8	43.1	-	4.6	5.0	4.9	5.1	-
Carburetors, pistons, rings, valves	3592	41.7	41.7	42.5	43.4	-	3.3	3.4	4.9	5.5	-
Scales, balances, and industrial machinery, nec	3596,9	42.8	43.4	42.8	42.9	-	4.8	5.2	5.0	5.0	-
Electronic and other electrical equipment	36	42.1	42.6	42.1	42.5	43.0	3.9	4.2	4.1	4.5	-
Electric distribution equipment	361	42.0	43.0	42.3	42.9	-	3.8	4.2	4.0	4.2	-
Transformers, except electronic	3612	40.7	41.4	42.3	43.0	-	3.7	3.9	4.2	4.5	-
Switchgear and switchboard apparatus	3613	43.4	44.6	42.2	42.8	-	3.8	4.4	3.9	4.0	-
Electrical industrial apparatus	362	41.8	43.1	42.6	43.0	-	3.0	3.8	3.9	4.1	-
Motors and generators	3621	41.8	43.3	43.0	43.0	-	3.0	3.9	4.1	4.1	-
Relays and industrial controls	3625	41.3	42.4	41.7	42.9	-	2.5	3.1	3.4	3.8	-
Household appliances	363	41.5	42.2	42.0	42.3	-	3.8	4.3	3.6	4.0	-
Household refrigerators and freezers	3632	41.5	45.5	41.0	41.0	-	4.3	6.1	2.0	2.0	-
Household laundry equipment	3633	40.1	40.4	44.5	45.0	-	1.9	2.5	4.9	6.1	-
Electric housewares and fans	3634	42.5	41.2	43.7	43.0	-	4.0	3.2	5.1	4.6	-
Electric lighting and wiring equipment	364	41.4	42.1	41.9	42.4	-	3.5	4.0	4.0	4.2	-
Electric lamps	3641	43.6	43.4	44.4	45.1	-	4.3	4.6	4.5	5.0	-
Current-carrying wiring devices	3643	40.2	41.1	40.5	40.9	-	2.6	3.4	3.3	3.3	-
Noncurrent-carrying wiring devices	3644	43.1	44.1	42.6	43.1	-	4.0	4.2	3.6	3.4	-
Residential lighting fixtures	3645	38.9	39.4	40.4	40.3	-	2.7	2.7	3.5	4.0	-
Household audio and video equipment	365	41.6	41.6	41.4	41.7	-	4.1	4.2	4.9	5.0	-
Household audio and video equipment	3651	41.6	41.8	41.3	41.6	-	3.2	3.7	4.0	4.1	-
Communications equipment	366	44.4	44.8	43.0	44.0	-	4.3	4.7	4.0	5.0	-
Telephone and telegraph apparatus	3661	47.4	48.1	44.1	44.8	-	5.7	5.9	4.3	5.3	-
Electronic components and accessories	367	41.7	42.1	41.2	41.6	-	4.2	4.5	4.0	4.3	-
Electron tubes	3671	40.6	41.8	41.7	43.0	-	3.3	3.9	4.1	5.1	-
Semiconductors and related devices	3674	43.4	43.4	41.6	41.4	-	5.6	5.4	4.7	5.1	-
Electronic components, nec	3679	39.8	40.1	40.9	40.9	-	2.8	3.2	3.4	3.5	-
Misc. electrical equipment and supplies	369	42.4	42.3	43.3	43.5	-	3.9	3.9	5.0	5.4	-
Storage batteries	3691	43.6	43.3	45.1	45.1	-	4.2	4.0	6.1	6.3	-
Engine electrical equipment	3694	41.6	41.9	43.7	43.7	-	3.6	3.7	5.2	5.8	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Durable goods—Continued											
Industrial machinery and equipment	35	\$12.55	\$12.63	\$12.82	\$12.88	\$12.98	\$539.65	\$551.93	\$553.82	\$558.99	\$575.01
Engines and turbines	351	16.06	15.90	16.28	16.41	-	719.49	729.81	732.60	748.30	-
Turbines and turbine generator sets	3511	16.98	17.11	17.07	17.17	-	779.38	802.46	756.20	784.67	-
Internal combustion engines, nec	3519	15.64	15.35	15.95	16.08	-	692.85	696.89	722.54	733.25	-
Farm and garden machinery	352	11.64	11.91	12.20	12.33	-	478.40	497.84	520.94	522.79	-
Farm machinery and equipment	3523	12.55	12.93	13.21	13.31	-	525.85	549.53	573.31	577.65	-
Construction and related machinery	353	12.72	12.81	13.03	13.01	-	558.41	571.33	573.32	567.24	-
Construction machinery	3531	14.31	14.39	14.37	14.28	-	621.05	628.84	629.41	602.62	-
Mining machinery	3532	12.60	12.90	13.35	13.38	-	512.82	532.77	564.71	579.35	-
Oil and gas field machinery	3533	11.46	11.47	12.11	12.17	-	540.91	548.27	584.91	569.56	-
Conveyors and conveying equipment	3535	11.57	11.88	11.81	12.07	-	506.77	544.10	500.74	528.67	-
Industrial trucks and tractors	3537	11.16	11.23	11.41	11.47	-	467.60	470.54	474.66	489.77	-
Metalworking machinery	354	13.12	13.26	13.46	13.45	-	573.34	588.74	585.51	591.80	-
Machine tools, metal cutting types	3541	13.51	13.67	13.65	13.72	-	583.63	605.58	589.68	598.19	-
Machine tools, metal forming types	3542	13.16	13.32	13.67	13.88	-	577.72	588.74	623.35	645.42	-
Special dies, tools, jigs, and fixtures	3544	13.66	13.78	14.04	13.94	-	603.77	618.72	617.76	616.15	-
Machine tool accessories	3545	11.69	11.77	11.84	11.96	-	501.50	512.00	502.02	519.06	-
Power driven handtools	3546	10.60	10.75	11.07	11.19	-	460.04	474.08	463.83	478.93	-
Special industry machinery	355	12.89	13.01	13.22	13.29	-	551.69	568.54	564.49	582.10	-
Textile machinery	3552	10.96	11.12	11.35	11.44	-	474.57	491.50	461.95	478.19	-
Printing trades machinery	3555	14.54	14.78	14.96	15.22	-	603.41	628.15	622.34	649.89	-
Food products machinery	3556	12.62	12.84	12.83	12.95	-	531.30	555.97	552.97	578.87	-
General industrial machinery	356	12.26	12.38	12.59	12.66	-	523.50	539.77	541.37	546.91	-
Pumps and pumping equipment	3561	13.17	13.11	13.77	13.70	-	562.36	561.11	601.75	598.69	-
Ball and roller bearings	3562	13.16	13.34	13.72	13.97	-	561.93	580.29	595.45	611.89	-
Air and gas compressors	3563	12.57	12.46	12.72	12.80	-	550.57	546.99	545.69	569.60	-
Blowers and fans	3564	10.35	10.52	10.54	10.65	-	428.49	452.36	450.06	455.82	-
Speed changers, drives, and gears	3566	12.92	13.00	13.50	13.63	-	569.77	598.00	561.60	586.09	-
Power transmission equipment, nec	3568	12.01	12.23	12.52	12.54	-	517.63	534.45	542.12	541.73	-
Computer and office equipment	357	12.38	12.28	12.55	12.65	-	533.58	529.27	527.10	535.10	-
Electronic computers	3571	13.24	13.05	13.56	13.64	-	556.08	557.24	577.66	581.06	-
Computer terminals, calculators, and office machines, nec	3575,8,9	12.63	12.46	12.57	12.77	-	550.67	542.01	535.48	551.66	-
Refrigeration and service machinery	358	11.41	11.49	11.51	11.58	-	478.08	496.37	498.38	507.20	-
Refrigeration and heating equipment	3585	11.51	11.56	11.67	11.79	-	479.97	500.55	512.31	523.48	-
Misc. industrial and commercial machinery	359	11.95	12.06	12.20	12.29	-	510.27	523.40	522.16	529.70	-
Carburetors, pistons, rings, valves	3592	12.91	13.01	13.21	13.42	-	538.35	542.52	561.43	582.43	-
Scales, balances, and industrial machinery, nec	3596,9	11.63	11.73	11.88	11.94	-	497.76	509.08	508.46	512.23	-
Electronic and other electrical equipment	36	11.05	11.13	11.27	11.35	11.45	465.21	474.14	474.47	482.38	492.35
Electric distribution equipment	361	10.90	10.92	11.11	11.08	-	457.80	469.56	469.95	475.33	-
Transformers, except electronic	3612	10.47	10.35	10.68	10.61	-	426.13	428.49	451.76	456.23	-
Switchgear and switchboard apparatus	3613	11.32	11.49	11.56	11.57	-	491.29	512.45	487.83	495.20	-
Electrical industrial apparatus	362	10.42	10.52	10.68	10.72	-	435.56	453.41	454.97	460.96	-
Motors and generators	3621	9.89	9.97	9.91	9.92	-	413.40	431.70	426.13	426.56	-
Relays and industrial controls	3625	11.38	11.54	12.16	12.18	-	469.99	489.30	507.07	522.52	-
Household appliances	363	10.51	10.61	10.42	10.57	-	436.17	447.74	437.64	447.11	-
Household refrigerators and freezers	3632	11.78	11.80	11.31	11.43	-	488.87	536.90	463.71	468.63	-
Household laundry equipment	3633	13.01	12.91	12.68	13.34	-	521.70	521.56	564.26	600.30	-
Electric housewares and fans	3634	8.18	8.27	8.41	8.41	-	347.65	340.72	367.52	361.63	-
Electric lighting and wiring equipment	364	10.91	10.99	10.89	11.00	-	451.67	462.68	456.29	466.40	-
Electric lamps	3641	11.84	11.77	11.56	11.67	-	516.22	510.82	513.26	526.32	-
Current-carrying wiring devices	3643	10.80	10.82	10.90	10.88	-	434.16	444.70	441.45	444.99	-
Noncurrent-carrying wiring devices	3644	10.39	10.30	10.55	10.58	-	447.81	454.23	449.43	456.00	-
Residential lighting fixtures	3645	8.18	8.40	8.28	8.31	-	318.20	330.96	334.51	334.89	-
Household audio and video equipment	365	10.86	11.13	11.00	10.98	-	451.78	463.01	455.40	457.87	-
Household audio and video equipment	3651	11.15	11.44	11.61	11.59	-	463.84	478.19	479.49	482.14	-
Communications equipment	366	11.23	11.41	11.92	12.03	-	498.61	511.17	512.56	529.32	-
Telephone and telegraph apparatus	3661	11.68	11.86	12.92	13.15	-	553.63	570.47	569.77	589.12	-
Electronic components and accessories	367	11.04	11.07	11.25	11.27	-	460.37	466.05	463.50	468.83	-
Electron tubes	3671	12.58	12.69	13.15	12.89	-	510.75	530.44	548.36	554.27	-
Semiconductors and related devices	3674	14.22	14.26	14.52	14.60	-	617.15	618.88	604.03	604.44	-
Electronic components, nec	3679	9.60	9.53	9.50	9.59	-	382.08	382.15	388.55	392.23	-
Misc. electrical equipment and supplies	369	12.31	12.36	12.69	12.89	-	521.94	522.83	549.48	560.72	-
Storage batteries	3691	13.34	13.18	14.20	14.49	-	581.62	570.69	640.42	653.50	-
Engine electrical equipment	3694	13.00	13.12	13.36	13.61	-	540.80	549.73	583.83	594.76	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^a	Dec. 1993 ^a	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^a	Dec. 1993 ^a
Durable goods—Continued											
Transportation equipment	37	42.1	43.0	43.8	44.0	44.8	4.1	4.6	5.5	5.9	-
Motor vehicles and equipment	371	42.4	43.7	45.4	45.6	46.4	4.3	5.2	6.8	7.3	-
Motor vehicles and car bodies	3711	41.1	42.9	45.9	45.9	-	3.6	4.6	7.4	8.0	-
Truck and bus bodies	3713	42.6	43.8	43.8	43.2	-	4.1	4.4	6.0	5.6	-
Motor vehicle parts and accessories	3714	43.4	44.4	45.5	46.0	-	4.9	5.7	6.8	7.3	-
Truck trailers	3715	42.0	43.1	42.6	42.4	-	3.7	4.7	4.8	5.0	-
Aircraft and parts	372	42.2	43.1	41.8	42.0	-	4.3	4.3	4.3	4.5	-
Aircraft	3721	42.2	42.5	41.3	41.2	-	4.1	3.8	4.0	3.8	-
Aircraft engines and engine parts	3724	41.8	43.6	43.5	44.0	-	4.7	4.9	5.1	6.1	-
Aircraft parts and equipment, nec	3728	42.6	43.5	41.5	42.0	-	4.3	4.5	4.1	4.4	-
Ship and boat building and repairing	373	40.5	40.8	40.5	41.2	-	3.2	3.1	2.5	3.2	-
Ship building and repairing	3731	41.1	41.3	40.7	42.0	-	3.6	3.2	2.3	3.4	-
Boat building and repairing	3732	38.7	39.4	40.3	39.4	-	2.3	2.6	3.0	2.8	-
Railroad equipment	374	42.6	42.1	42.4	43.6	-	3.8	3.5	3.9	4.6	-
Guided missiles, space vehicles, and parts	376	41.6	42.0	41.9	42.4	-	3.3	3.5	3.2	3.1	-
Guided missiles and space vehicles	3761	41.6	41.9	42.3	42.9	-	3.8	3.9	3.4	3.3	-
Misc. transportation equipment	379	40.1	40.2	40.6	40.2	-	2.9	3.1	3.1	3.1	-
Travel trailers and campers	3792	40.0	39.9	39.9	38.6	-	2.5	2.6	2.4	2.5	-
Instruments and related products	38	41.7	42.1	41.0	41.3	42.2	2.9	3.2	2.9	3.1	-
Search and navigation equipment	381	41.2	41.6	40.6	40.8	-	2.2	2.5	2.1	2.2	-
Measuring and controlling devices	382	41.8	42.7	41.2	41.9	-	2.7	3.1	2.7	3.0	-
Environmental controls	3822	40.4	41.8	41.4	41.7	-	2.2	3.0	3.4	3.4	-
Process control instruments	3823	42.1	43.4	41.0	42.2	-	3.0	3.2	2.2	3.1	-
Instruments to measure electricity	3825	42.1	42.9	41.5	42.2	-	2.5	2.8	2.3	2.4	-
Medical instruments and supplies	384	41.7	41.9	41.1	41.1	-	3.2	3.5	3.2	3.2	-
Surgical and medical instruments	3841	43.0	43.2	41.7	41.9	-	3.4	3.8	3.5	3.5	-
Surgical appliances and supplies	3842	40.2	40.5	40.6	40.4	-	2.8	3.1	2.9	2.9	-
Ophthalmic goods	385	38.7	38.9	39.3	40.0	-	2.0	2.1	2.0	2.7	-
Photographic equipment and supplies	386	43.7	44.0	41.3	41.6	-	4.6	5.0	4.2	4.2	-
Watches, clocks, watchcases, and parts	387	41.1	40.8	42.6	42.4	-	2.2	1.8	3.5	3.2	-
Miscellaneous manufacturing industries	39	40.7	40.4	40.2	40.6	40.7	3.4	2.9	3.4	3.5	-
Jewelry, silverware, and plated ware	391	39.4	38.5	39.6	39.9	-	3.2	2.5	3.6	3.6	-
Jewelry, precious metal	3911	39.7	38.3	39.3	39.8	-	3.4	2.6	3.7	3.7	-
Musical instruments	393	39.5	39.9	39.2	39.7	-	1.9	2.3	2.2	2.3	-
Toys and sporting goods	394	41.1	40.8	40.3	40.5	-	3.7	3.1	3.2	3.3	-
Dolls, games, toys, and children's vehicles	3942,4	40.4	39.1	39.7	39.1	-	3.5	2.6	3.1	2.7	-
Sporting and athletic goods, nec	3949	41.6	41.8	40.6	41.4	-	3.8	3.4	3.3	3.7	-
Pens, pencils, office, and art supplies	395	40.6	41.0	40.7	41.6	-	2.6	2.5	2.6	2.9	-
Costume jewelry and notions	396	42.8	41.5	40.3	41.1	-	4.5	2.7	4.6	4.4	-
Costume jewelry	3961	43.7	41.3	40.5	41.2	-	4.8	1.8	5.9	5.6	-
Miscellaneous manufactures	399	40.6	40.6	40.4	40.6	-	3.4	3.2	3.6	3.6	-
Signs and advertising specialties	3993	40.6	40.6	41.1	40.7	-	4.0	3.6	3.9	3.5	-
Nondurable goods		40.9	41.1	40.9	41.1	41.3	4.1	4.1	4.3	4.3	4.3
Food and kindred products	20	41.4	41.3	41.4	41.5	41.3	4.9	4.6	5.1	4.9	-
Meat products	201	41.1	40.6	40.6	41.0	-	5.0	4.4	4.3	4.6	-
Meat packing plants	2011	43.4	42.7	41.7	42.6	-	6.3	5.9	4.9	5.3	-
Sausages and other prepared meats	2013	42.5	42.6	42.4	43.1	-	5.5	5.2	5.3	5.7	-
Poultry slaughtering and processing	2015	39.2	38.6	39.4	39.3	-	4.0	3.3	3.6	3.7	-
Dairy products	202	41.5	41.2	41.7	41.7	-	4.4	4.0	4.3	4.5	-
Cheese, natural and processed	2022	40.7	39.5	40.4	40.6	-	3.9	3.2	3.9	3.9	-
Fluid milk	2026	42.9	42.5	42.6	42.9	-	4.9	4.4	4.4	4.9	-
Preserved fruits and vegetables	203	41.0	41.9	41.7	40.7	-	4.7	4.8	5.8	4.5	-
Canned specialties	2032	45.5	44.2	45.5	46.1	-	7.8	7.2	6.7	5.4	-
Canned fruits and vegetables	2033	40.7	41.4	41.9	40.4	-	4.1	3.3	6.0	3.9	-
Frozen fruits and vegetables	2037	40.2	42.1	41.0	37.9	-	4.7	5.5	5.5	3.7	-
Grain mill products	204	48.2	46.3	45.4	46.1	-	7.6	7.3	7.9	7.7	-
Flour and other grain mill products	2041	49.4	48.2	47.7	48.5	-	7.8	6.5	8.3	8.2	-
Prepared feeds, nec	2048	44.9	45.3	43.7	44.0	-	6.4	6.9	7.0	6.9	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^a	Dec. 1993 ^a	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^a	Dec. 1993 ^a
Durable goods—Continued											
Transportation equipment	37	\$15.43	\$15.57	\$16.05	\$16.22	\$16.33	\$649.60	\$669.51	\$702.99	\$713.66	\$731.58
Motor vehicles and equipment	371	15.54	15.75	16.38	16.59	16.74	658.90	688.28	743.65	756.50	776.74
Motor vehicles and car bodies	3711	18.37	18.64	19.79	20.14	-	755.01	799.66	908.36	924.43	-
Truck and bus bodies	3713	14.05	13.97	14.35	14.06	-	598.53	611.89	628.53	607.39	-
Motor vehicle parts and accessories	3714	14.34	14.51	14.94	15.13	-	622.36	644.24	679.77	895.98	-
Truck trailers	3715	9.67	9.77	9.80	9.92	-	406.14	421.09	417.48	420.61	-
Aircraft and parts	372	17.04	17.11	17.63	17.78	-	719.09	737.44	738.93	746.76	-
Aircraft	3721	(^a)	(^a)	(^a)	(^a)	-	-	-	-	-	-
Aircraft engines and engine parts	3724	\$16.81	\$16.74	\$16.90	\$17.35	-	\$702.66	\$729.86	\$735.15	\$763.40	-
Aircraft parts and equipment, nec	3728	15.53	15.69	16.19	16.16	-	661.58	682.52	671.89	678.72	-
Ship and boat building and repairing	373	12.20	12.18	12.33	12.48	-	494.10	496.94	499.37	514.18	-
Ship building and repairing	3731	13.21	13.13	13.45	13.53	-	542.93	542.27	547.42	568.26	-
Boat building and repairing	3732	9.60	9.69	9.84	9.96	-	371.52	381.79	396.55	392.42	-
Railroad equipment	374	14.69	14.78	14.95	15.10	-	625.79	622.24	633.88	658.36	-
Guided missiles, space vehicles, and parts	376	16.49	18.52	17.10	17.05	-	685.98	693.84	716.49	722.92	-
Guided missiles and space vehicles	3761	(^a)	(^a)	(^a)	(^a)	-	-	-	-	-	-
Misc. transportation equipment	379	\$11.11	\$11.24	\$11.14	\$10.92	-	\$445.51	\$451.85	\$452.28	\$438.98	-
Travel trailers and campers	3792	10.29	10.32	10.88	10.56	-	411.60	411.77	434.11	407.82	-
Instruments and related products	38	12.06	12.12	12.34	12.37	12.52	502.90	510.25	505.94	510.88	528.34
Search and navigation equipment	381	15.90	15.99	16.67	16.70	-	655.08	665.18	678.80	681.38	-
Measuring and controlling devices	382	11.85	11.89	12.20	12.29	-	495.33	507.70	502.64	514.95	-
Environmental controls	3822	10.21	10.23	10.74	10.89	-	412.48	427.61	444.64	454.11	-
Process control instruments	3823	11.55	11.71	11.74	11.96	-	486.26	508.21	481.34	504.71	-
Instruments to measure electricity	3825	12.91	12.90	13.50	13.48	-	543.51	553.41	560.25	568.88	-
Medical instruments and supplies	384	10.66	10.70	10.87	10.88	-	444.52	448.33	448.76	447.17	-
Surgical and medical instruments	3841	10.72	10.74	10.72	10.72	-	460.96	463.97	447.02	449.17	-
Surgical appliances and supplies	3842	10.14	10.09	10.22	10.24	-	407.63	408.65	414.93	413.70	-
Ophthalmic goods	385	8.42	8.44	8.88	8.96	-	325.85	328.32	348.98	359.20	-
Photographic equipment and supplies	386	14.54	14.60	14.75	14.75	-	635.40	642.40	609.16	613.60	-
Watches, clocks, watchcases, and parts	387	7.81	8.10	8.24	8.19	-	320.99	330.48	351.02	347.26	-
Miscellaneous manufacturing industries	39	9.24	9.32	9.40	9.45	9.57	376.07	378.53	377.88	383.67	389.50
Jewelry, silverware, and plated ware	391	9.62	9.66	9.74	9.70	-	379.03	371.91	385.70	387.03	-
Jewelry, precious metal	3911	9.57	9.62	9.65	9.59	-	379.93	368.45	379.25	381.68	-
Musical instruments	393	8.83	8.89	9.52	9.48	-	348.79	354.71	373.18	376.36	-
Toys and sporting goods	394	8.71	8.73	8.77	8.83	-	357.98	356.18	353.43	357.62	-
Dolls, games, toys, and children's vehicles	3942,4	8.29	8.37	8.56	8.59	-	334.92	327.27	339.83	335.87	-
Sporting and athletic goods, nec	3949	8.98	8.93	8.91	8.97	-	373.57	373.27	361.75	371.36	-
Pens, pencils, office, and art supplies	395	9.97	10.10	10.23	10.26	-	404.78	414.10	416.36	426.82	-
Costume jewelry and notions	396	7.85	7.96	8.29	8.09	-	335.98	330.34	334.09	332.50	-
Costume jewelry	3961	6.85	6.91	7.39	7.05	-	299.35	285.38	299.30	290.46	-
Miscellaneous manufactures	399	9.77	9.87	9.84	10.02	-	396.66	400.72	397.54	408.81	-
Signs and advertising specialties	3993	10.26	10.23	10.28	10.49	-	418.56	415.34	422.51	426.94	-
Nondurable goods		10.83	10.90	11.04	11.09	11.21	442.95	447.99	451.54	455.80	462.97
Food and kindred products	20	10.30	10.36	10.36	10.54	10.64	426.42	427.87	428.90	437.41	439.43
Meat products	201	8.47	8.43	8.54	8.61	-	348.12	342.26	346.72	353.01	-
Meat packing plants	2011	9.27	9.24	9.30	9.38	-	402.32	394.55	387.81	399.59	-
Sausages and other prepared meats	2013	9.83	9.78	9.93	9.92	-	417.78	416.83	421.03	427.55	-
Poultry slaughtering and processing	2015	7.42	7.36	7.54	7.81	-	290.86	284.10	297.08	299.07	-
Dairy products	202	11.53	11.47	11.68	11.84	-	478.50	472.56	487.06	493.73	-
Cheese, natural and processed	2022	10.29	10.23	10.42	10.46	-	418.80	404.09	420.97	426.77	-
Fluid milk	2026	12.30	12.20	12.36	12.59	-	527.67	518.50	526.54	540.11	-
Preserved fruits and vegetables	203	9.86	10.04	9.77	10.11	-	404.26	420.68	407.41	411.48	-
Canned specialties	2032	13.10	13.06	12.99	13.32	-	596.05	577.25	591.05	614.05	-
Canned fruits and vegetables	2033	10.01	10.42	9.70	10.18	-	407.41	431.39	406.43	411.27	-
Frozen fruits and vegetables	2037	8.74	9.02	8.90	9.13	-	351.35	379.74	364.90	346.03	-
Grain mill products	204	12.40	12.59	12.52	12.70	-	572.86	582.92	568.41	585.47	-
Flour and other grain mill products	2041	10.77	10.71	10.43	10.58	-	532.04	516.22	497.51	513.13	-
Prepared feeds, nec	2048	9.94	10.08	10.30	10.41	-	446.31	456.62	450.11	458.04	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	39.9	39.6	40.1	40.6	-	4.5	4.4	4.8	5.1	-
Bread, cake, and related products	2051	39.3	38.9	39.5	39.9	-	4.5	4.2	4.5	4.8	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	41.1	41.0	41.4	41.9	-	4.6	4.6	5.3	5.5	-
Sugar and confectionery products	206	42.0	42.2	42.3	42.5	-	4.6	4.5	4.9	5.0	-
Raw cane sugar	2061	51.3	46.6	50.1	58.9	-	12.9	11.6	9.8	16.8	-
Cane sugar refining	2062	48.4	45.7	46.3	48.4	-	10.4	8.2	8.5	9.8	-
Beet sugar	2063	39.9	41.9	45.3	40.9	-	4.6	4.1	7.4	4.7	-
Candy and other confectionery products	2064	40.5	40.8	40.0	39.8	-	3.4	3.3	3.3	3.2	-
Fats and oils	207	46.4	45.9	44.7	45.5	-	7.2	6.8	7.3	7.1	-
Beverages	208	41.7	42.1	41.1	41.2	-	4.7	4.3	4.8	4.9	-
Malt beverages	2082	44.4	44.2	42.1	43.8	-	8.0	6.2	6.9	7.8	-
Bottled and canned soft drinks	2086	40.2	41.2	40.8	40.5	-	3.4	3.8	3.8	4.0	-
Misc. food and kindred products	209	39.5	39.5	40.7	40.5	-	4.0	4.0	5.0	4.6	-
Tobacco products	21	38.0	39.5	38.5	37.6	38.9	2.6	2.8	2.0	1.8	-
Cigarettes	211	38.8	38.6	36.4	36.2	-	3.0	3.3	1.4	1.2	-
Textile mill products	22	41.5	41.7	41.7	42.2	42.2	4.4	4.7	4.7	4.9	-
Broadwoven fabric mills, cotton	221	42.0	42.6	42.1	42.2	-	5.8	6.2	5.9	5.8	-
Broadwoven fabric mills, synthetics	222	41.2	41.9	42.2	42.7	-	3.9	4.4	4.7	4.8	-
Broadwoven fabric mills, wool	223	41.5	41.1	43.0	43.1	-	5.3	5.2	5.9	5.9	-
Narrow fabric mills	224	40.5	41.5	36.7	39.9	-	3.3	4.0	2.2	3.0	-
Knitting mills	225	40.4	39.8	39.9	40.6	-	3.5	3.2	3.4	3.7	-
Women's hosiery, except socks	2251	40.4	39.0	39.4	42.4	-	3.4	2.7	3.4	5.2	-
Hosiery, nec	2252	40.2	39.7	39.7	40.3	-	3.7	3.2	3.9	4.2	-
Knit outerwear mills	2253	40.2	39.2	39.6	38.8	-	3.7	3.2	2.8	2.4	-
Knit underwear mills	2254	40.0	39.6	40.2	41.0	-	2.3	2.1	2.0	2.5	-
Weft knit fabric mills	2257	40.4	41.0	39.7	40.3	-	3.7	4.0	3.8	3.8	-
Textile finishing, except wool	226	44.2	44.2	43.7	43.8	-	6.3	6.2	6.2	6.2	-
Finishing plants, cotton	2261	45.0	44.7	45.3	45.3	-	6.8	6.5	6.9	7.2	-
Finishing plants, synthetics	2262	43.6	44.0	41.9	42.0	-	5.9	6.1	5.3	5.1	-
Carpets and rugs	227	42.7	44.1	44.3	44.2	-	5.0	6.2	6.6	6.6	-
Yarn and thread mills	228	40.7	41.1	41.4	41.7	-	3.9	4.2	4.4	4.5	-
Yarn spinning mills	2281	40.9	41.4	41.6	41.6	-	4.1	4.3	4.4	4.7	-
Throwing and winding mills	2282	38.0	38.2	39.1	39.8	-	2.9	3.0	3.3	3.2	-
Miscellaneous textile goods	229	42.8	43.4	43.7	44.9	-	4.5	5.6	5.4	6.0	-
Apparel and other textile products	23	37.9	37.8	37.2	37.6	37.7	2.1	2.0	2.0	2.0	-
Men's and boys' suits and coats	231	36.1	36.6	36.8	36.9	-	.8	.9	1.3	1.3	-
Men's and boys' furnishings	232	38.0	37.9	36.7	37.4	-	1.9	1.7	1.5	1.6	-
Men's and boys' shirts	2321	38.1	37.3	35.3	35.7	-	1.4	1.2	1.2	1.2	-
Men's and boys' trousers and slacks	2325	37.5	38.4	36.1	37.5	-	1.7	2.2	1.5	1.7	-
Men's and boys' work clothing	2326	37.5	37.3	37.3	38.0	-	1.7	1.7	1.4	1.6	-
Women's and misses' outerwear	233	37.0	37.0	35.5	36.1	-	2.0	1.9	1.5	1.4	-
Women's and misses' blouses and shirts	2331	35.9	36.0	35.5	35.8	-	.8	.7	.9	.7	-
Women's, juniors', and misses' dresses	2335	35.4	35.4	36.0	36.1	-	1.7	1.7	2.4	2.1	-
Women's and misses' suits and coats	2337	35.9	35.7	34.9	35.4	-	1.8	1.8	1.4	1.3	-
Women's and misses' outerwear, nec	2339	37.7	37.8	35.6	36.2	-	2.4	2.2	1.4	1.3	-
Women's and children's undergarments	234	38.1	37.3	38.6	38.5	-	2.1	1.8	2.3	2.1	-
Women's and children's underwear	2341	38.5	37.5	38.7	38.4	-	2.1	1.7	2.3	2.0	-
Brassieres, girdles, and allied garments	2342	36.4	36.2	38.3	38.9	-	2.0	2.0	2.4	2.6	-
Girls' and children's outerwear	236	36.9	37.6	36.9	37.4	-	1.5	1.7	1.6	1.8	-
Girls' and children's dresses and blouses	2361	36.2	37.0	36.7	36.6	-	1.5	1.9	1.4	1.5	-
Misc. apparel and accessories	238	38.5	37.4	37.5	38.1	-	1.9	1.7	2.0	2.2	-
Misc. fabricated textile products	239	39.8	39.4	39.8	40.0	-	2.9	2.9	3.7	3.7	-
Curtains and draperies	2391	38.5	38.8	39.0	38.3	-	2.4	2.7	3.1	3.0	-
House furnishings, nec	2392	39.9	39.0	40.3	40.1	-	3.3	3.0	4.1	3.6	-
Automotive and apparel trimmings	2396	41.0	41.0	40.0	41.0	-	3.3	3.7	4.3	4.7	-
Paper and allied products	26	43.9	44.3	44.0	44.1	44.5	5.3	5.4	5.7	5.5	-
Paper mills	262	45.9	45.8	45.8	45.3	-	6.2	6.0	6.3	5.9	-
Paperboard mills	263	46.1	45.8	45.9	46.0	-	7.2	6.7	7.5	7.3	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^a	Dec. 1993 ^a	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^a	Dec. 1993 ^a
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	\$11.55	\$11.73	\$11.66	\$11.75	-	\$460.85	\$464.51	\$467.57	\$477.05	-
Bread, cake, and related products	2051	11.48	11.57	11.55	11.59	-	451.16	450.07	456.23	462.44	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	11.88	12.02	11.86	12.02	-	480.05	492.82	491.00	503.64	-
Sugar and confectionery products	206	10.75	10.80	10.81	11.07	-	451.50	455.76	457.26	470.48	-
Raw cane sugar	2061	10.07	10.12	10.18	10.54	-	518.59	471.59	510.02	620.81	-
Cane sugar refining	2062	15.32	15.32	16.31	16.05	-	741.49	700.12	755.15	776.82	-
Beet sugar	2063	11.03	11.10	10.35	11.44	-	440.10	465.09	468.88	467.90	-
Candy and other confectionery products	2064	9.91	9.98	9.96	10.00	-	401.36	407.18	398.40	398.00	-
Fats and oils	207	10.63	10.72	10.90	10.91	-	493.23	492.05	487.23	496.41	-
Beverages	208	14.72	14.65	14.66	15.06	-	613.82	616.77	602.53	620.47	-
Malt beverages	2082	20.09	19.98	20.14	20.76	-	892.00	883.12	847.89	909.29	-
Bottled and canned soft drinks	2086	11.72	11.70	11.94	12.16	-	471.14	482.04	467.15	492.48	-
Misc. food and kindred products	209	9.47	9.52	9.64	9.68	-	374.07	376.04	392.35	392.04	-
Tobacco products	21	17.62	16.35	16.10	16.47	\$17.10	669.56	645.83	619.85	619.27	\$665.19
Cigarettes	211	21.01	21.41	21.32	21.44	-	815.19	826.43	776.05	776.13	-
Textile mill products	22	8.70	8.76	8.96	8.99	9.01	361.05	365.29	373.63	379.38	380.22
Broadwoven fabric mills, cotton	221	9.02	9.07	9.38	9.31	-	378.84	386.38	394.90	392.88	-
Broadwoven fabric mills, synthetics	222	9.35	9.41	9.82	9.88	-	385.22	394.28	414.40	421.88	-
Broadwoven fabric mills, wool	223	9.22	9.21	9.42	9.40	-	382.63	378.53	405.06	405.14	-
Narrow fabric mills	224	8.11	8.26	8.17	8.28	-	328.46	342.79	316.18	330.37	-
Knitting mills	225	7.96	8.04	8.14	8.21	-	321.58	319.99	324.79	333.33	-
Women's hosiery, except socks	2251	7.50	7.51	7.66	7.86	-	303.00	292.89	301.80	333.26	-
Hosiery, nec	2252	7.69	7.68	7.90	7.91	-	309.14	304.90	313.63	318.77	-
Knit outerwear mills	2253	7.73	7.82	7.76	7.75	-	310.75	306.54	307.30	300.70	-
Knit underwear mills	2254	7.81	7.90	8.07	8.15	-	312.40	312.84	324.41	334.15	-
Weft knit fabric mills	2257	8.82	9.00	9.12	9.21	-	356.33	369.00	362.06	371.16	-
Textile finishing, except wool	226	9.15	9.10	9.26	9.26	-	404.43	402.22	404.86	405.59	-
Finishing plants, cotton	2261	9.00	8.97	9.11	9.20	-	405.00	400.96	412.68	416.76	-
Finishing plants, synthetics	2262	9.57	9.56	9.76	9.60	-	417.25	420.64	408.94	403.20	-
Carpets and rugs	227	8.64	8.72	8.96	9.03	-	368.93	384.55	396.93	399.13	-
Yarn and thread mills	228	8.46	8.47	8.66	8.69	-	344.32	348.12	358.52	362.37	-
Yarn spinning mills	2281	8.43	8.45	8.61	8.66	-	344.79	349.83	356.18	361.99	-
Throwing and winding mills	2282	8.74	8.73	9.00	8.96	-	332.12	333.49	351.90	356.61	-
Miscellaneous textile goods	229	10.28	10.44	10.50	10.52	-	439.98	453.10	458.85	472.35	-
Apparel and other textile products	23	6.98	7.04	7.14	7.19	7.25	264.54	266.11	265.61	270.34	273.33
Men's and boys' suits and coats	231	7.63	7.71	7.91	7.95	-	275.44	282.19	291.09	293.36	-
Men's and boys' furnishings	232	6.58	6.65	6.73	6.73	-	250.04	252.04	246.99	251.70	-
Men's and boys' shirts	2321	6.54	6.56	6.72	6.76	-	249.17	244.69	237.22	241.33	-
Men's and boys' trousers and slacks	2325	6.37	6.50	6.58	6.54	-	238.88	249.60	237.54	245.25	-
Men's and boys' work clothing	2326	6.36	6.43	6.42	6.38	-	238.50	239.84	239.47	242.44	-
Women's and misses' outerwear	233	6.56	6.57	6.78	6.74	-	242.72	243.09	239.98	243.31	-
Women's and misses' blouses and shirts	2331	5.97	5.99	6.28	6.26	-	214.32	215.64	222.94	224.11	-
Women's, juniors', and misses' dresses	2335	6.99	7.03	7.39	7.35	-	247.45	248.86	266.04	265.34	-
Women's and misses' suits and coats	2337	7.09	7.16	7.24	7.38	-	254.53	255.61	252.68	261.25	-
Women's and misses' outerwear, nec	2339	6.47	6.47	6.59	6.56	-	243.92	244.57	234.60	237.47	-
Women's and children's undergarments	234	6.66	6.73	6.91	6.91	-	253.75	251.03	266.73	266.04	-
Women's and children's underwear	2341	6.48	6.50	6.75	6.71	-	249.48	243.75	261.23	257.66	-
Brassieres, girdles, and allied garments	2342	7.56	7.78	7.64	7.78	-	275.18	281.84	292.61	302.64	-
Girls' and children's outerwear	236	6.27	6.37	6.43	6.42	-	231.36	239.51	237.27	240.11	-
Girls' and children's dresses and blouses	2361	6.19	6.35	6.33	6.28	-	224.08	234.95	232.31	229.85	-
Misc. apparel and accessories	238	6.87	6.93	6.97	7.02	-	264.50	259.18	261.38	267.46	-
Misc. fabricated textile products	239	8.25	8.36	8.22	8.42	-	328.35	329.38	327.16	336.80	-
Curtains and draperies	2391	7.09	7.13	7.37	7.25	-	272.97	276.64	287.43	277.68	-
House furnishings, nec	2392	7.14	7.18	7.51	7.47	-	284.89	280.02	302.65	299.55	-
Automotive and apparel trimmings	2396	10.85	11.04	9.98	10.67	-	444.85	452.64	399.20	437.47	-
Paper and allied products	26	13.19	13.27	13.55	13.55	13.65	579.04	587.86	596.20	597.56	607.43
Paper mills	262	16.24	16.24	16.87	16.83	-	745.42	743.79	772.65	762.40	-
Paperboard mills	263	16.37	16.48	17.00	17.00	-	754.66	754.78	780.30	782.00	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	43.4	43.8	44.0	44.1	-	5.0	5.2	5.6	5.6	-
Corrugated and solid fiber boxes	2653	44.1	44.4	44.9	45.0	-	5.4	5.4	6.3	6.3	-
Sanitary food containers	2656	41.7	43.6	42.5	42.2	-	3.4	4.2	4.0	4.0	-
Folding paperboard boxes	2657	42.9	43.4	43.8	43.6	-	5.4	5.5	5.5	5.3	-
Misc. converted paper products	267	42.5	43.3	42.1	42.6	-	4.4	4.9	4.7	4.7	-
Paper, coated and laminated, nec	2672	42.3	43.0	42.1	42.7	-	3.8	4.1	3.8	4.2	-
Bags: plastics, laminated, and coated	2673	41.8	42.2	42.1	42.4	-	4.8	4.7	5.3	5.2	-
Envelopes	2677	42.6	42.7	40.8	42.4	-	4.2	4.7	3.5	4.0	-
Printing and publishing	27	38.5	38.7	38.6	38.8	38.9	3.3	3.3	3.4	3.5	-
Newspapers	271	33.6	33.8	33.0	33.8	-	1.4	1.5	1.3	1.5	-
Periodicals	272	37.7	37.6	38.1	37.6	-	2.6	2.6	2.8	3.1	-
Books	273	39.7	41.3	40.6	40.4	-	3.2	3.8	3.5	3.6	-
Book publishing	2731	38.4	40.1	39.3	39.2	-	2.3	2.8	2.5	2.4	-
Book printing	2732	41.2	42.6	41.9	41.8	-	4.2	5.0	4.6	4.9	-
Miscellaneous publishing	274	36.1	36.8	37.0	37.4	-	2.4	2.3	1.8	2.0	-
Commercial printing	275	40.2	40.1	40.2	40.4	-	4.2	3.9	4.5	4.4	-
Commercial printing, lithographic	2752	40.2	39.8	40.1	40.2	-	4.1	3.7	4.2	4.2	-
Commercial printing, nec	2759	39.6	40.2	39.7	40.3	-	3.7	4.0	4.4	4.2	-
Manifold business forms	276	41.4	42.6	41.8	41.7	-	3.6	4.6	4.4	4.6	-
Blankbooks and bookbinding	278	38.5	38.9	39.3	39.3	-	2.6	2.5	2.9	2.8	-
Printing trade services	279	39.8	39.3	39.6	39.7	-	4.6	4.6	3.9	3.7	-
Chemicals and allied products	28	43.3	43.7	43.2	43.4	44.2	4.7	4.8	4.9	4.9	-
Industrial inorganic chemicals	281	43.4	43.5	43.8	44.0	-	4.8	5.0	5.3	5.3	-
Industrial inorganic chemicals, nec	2819	42.9	42.4	43.4	43.4	-	4.8	5.0	5.6	5.4	-
Plastics materials and synthetics	282	43.7	44.0	44.2	44.4	-	5.6	5.3	6.2	6.1	-
Plastics materials and resins	2821	44.4	45.0	45.3	45.4	-	5.9	5.4	7.1	7.1	-
Organic fibers, noncellulosic	2824	42.8	42.9	43.0	43.4	-	4.9	4.8	5.1	5.1	-
Drugs	283	42.7	42.9	41.5	41.3	-	4.2	4.5	3.8	3.7	-
Pharmaceutical preparations	2834	42.8	43.1	41.2	41.1	-	4.2	4.5	3.6	3.5	-
Soap, cleaners, and toilet goods	284	42.3	43.5	42.0	42.7	-	3.4	3.9	3.7	3.6	-
Soap and other detergents	2841	42.4	44.0	42.6	43.8	-	4.7	5.2	4.4	4.8	-
Polishing, sanitation, and finishing preparations	2842,3	41.9	42.3	41.5	42.0	-	3.3	3.6	4.0	3.9	-
Toilet preparations	2844	42.5	43.8	42.0	42.4	-	2.7	3.3	3.1	2.9	-
Paints and allied products	285	41.9	42.3	41.8	42.7	-	3.6	3.4	3.8	3.7	-
Industrial organic chemicals	286	45.5	45.5	45.3	45.5	-	6.5	6.4	6.4	6.3	-
Cyclic crudes and intermediates	2865	45.5	45.9	45.5	46.2	-	8.1	7.9	8.7	8.0	-
Industrial organic chemicals, nec	2869	45.5	45.4	45.2	45.3	-	6.1	6.0	5.9	5.9	-
Agricultural chemicals	287	44.1	45.2	45.1	44.8	-	5.3	5.6	5.8	5.8	-
Miscellaneous chemical products	289	42.7	43.2	42.6	43.1	-	4.3	4.4	4.8	4.7	-
Petroleum and coal products	29	44.9	43.9	45.8	43.7	43.8	6.9	5.9	6.3	6.1	-
Petroleum refining	291	45.7	44.8	46.0	43.5	-	7.0	6.0	5.5	5.5	-
Asphalt paving and roofing materials	295	43.6	41.7	46.2	45.2	-	7.5	6.1	9.5	8.5	-
Rubber and misc. plastics products	30	42.0	42.4	41.9	42.3	42.7	4.3	4.5	4.5	4.7	-
Tires and inner tubes	301	45.1	44.3	43.2	43.5	-	6.6	6.4	6.5	6.5	-
Rubber and plastics footwear	302	41.6	42.0	42.1	43.4	-	2.9	3.0	3.3	3.5	-
Hose, belting, gaskets, and packing	305	42.0	42.5	40.8	41.6	-	3.8	4.5	3.6	4.2	-
Rubber and plastics hose and belting	3052	42.2	42.6	42.2	42.9	-	4.0	5.1	3.8	4.2	-
Fabricated rubber products, nec	306	41.4	42.4	41.6	42.2	-	3.6	4.1	3.9	4.1	-
Miscellaneous plastics products, nec	308	41.7	42.1	41.9	42.3	-	4.2	4.4	4.5	4.6	-
Leather and leather products	31	39.1	39.1	38.7	38.8	38.7	2.7	2.4	2.6	2.7	-
Leather tanning and finishing	311	43.7	43.8	41.7	42.1	-	5.9	6.1	5.2	4.8	-
Footwear, except rubber	314	38.4	38.4	37.9	37.9	-	2.0	1.9	1.9	2.0	-
Men's footwear, except athletic	3143	38.1	37.8	37.6	37.5	-	2.4	2.3	1.7	2.0	-
Women's footwear, except athletic	3144	37.9	38.6	38.1	38.1	-	1.5	1.5	1.9	2.0	-
Luggage	316	41.4	39.7	38.5	38.3	-	2.8	2.6	2.2	2.3	-
Handbags and personal leather goods	317	37.7	37.2	39.6	39.8	-	2.6	.6	3.4	3.2	-
Transportation and public utilities		39.5	39.2	39.9	39.9	39.6	-	-	-	-	-
Railroad transportation:											
Class I railroads ³	4011	46.0	45.2	47.4	47.0	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ²	Dec. 1993 ²	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ²	Dec. 1993 ²
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	\$11.05	\$11.17	\$11.39	\$11.45	-	\$479.57	\$489.25	\$501.16	\$504.95	-
Corrugated and solid fiber boxes	2653	11.08	11.16	11.50	11.54	-	488.63	495.50	516.35	519.30	-
Sanitary food containers	2656	10.94	11.13	11.33	11.34	-	456.20	485.27	481.53	478.55	-
Folding paperboard boxes	2657	11.83	12.01	11.97	12.09	-	507.51	521.23	524.29	527.12	-
Misc. converted paper products	267	11.69	11.82	11.82	11.88	-	496.83	511.81	497.62	506.09	-
Paper, coated and laminated, nec	2672	13.45	13.55	13.60	13.80	-	568.94	582.65	572.56	589.26	-
Bags: plastics, laminated, and coated	2673	10.98	11.02	11.17	11.15	-	458.96	465.04	470.26	472.76	-
Envelopes	2677	10.78	10.96	10.89	10.90	-	459.23	467.99	444.31	462.16	-
Printing and publishing	27	11.84	11.88	12.04	12.02	\$12.13	455.84	459.76	464.74	466.38	\$471.86
Newspapers	271	11.71	11.80	11.94	11.89	-	393.46	398.84	394.02	401.88	-
Periodicals	272	12.75	12.72	13.35	13.48	-	480.68	478.27	508.64	506.85	-
Books	273	10.95	10.88	11.27	11.25	-	434.72	449.34	457.56	454.50	-
Book publishing	2731	10.72	10.63	10.93	10.80	-	411.65	426.26	429.55	423.36	-
Book printing	2732	11.19	11.15	11.60	11.70	-	461.03	474.99	486.04	489.06	-
Miscellaneous publishing	274	11.31	11.24	11.56	11.48	-	408.29	413.63	427.72	429.35	-
Commercial printing	275	12.04	12.08	12.20	12.17	-	484.01	484.41	490.44	491.67	-
Commercial printing, lithographic	2752	12.08	12.11	12.28	12.24	-	485.62	481.98	492.43	492.05	-
Commercial printing, nec	2759	11.78	11.86	11.84	11.83	-	466.49	476.77	470.05	476.75	-
Manifold business forms	276	12.40	12.67	12.71	12.72	-	513.36	539.74	531.28	530.42	-
Blankbooks and bookbinding	278	9.26	9.29	9.52	9.48	-	356.51	361.38	374.14	372.56	-
Printing trade services	279	14.38	14.54	14.45	14.39	-	572.32	571.42	572.22	571.28	-
Chemicals and allied products	28	14.70	14.78	14.89	14.95	15.10	636.51	645.89	643.25	648.83	667.42
Industrial inorganic chemicals	281	16.00	16.04	16.64	16.65	-	694.40	697.74	728.83	732.60	-
Industrial inorganic chemicals, nec	2819	16.29	16.40	17.12	17.14	-	698.84	695.36	743.01	743.88	-
Plastics materials and synthetics	282	15.57	15.54	15.26	15.28	-	680.41	683.76	674.49	678.43	-
Plastics materials and resins	2821	16.14	16.10	16.74	16.84	-	716.62	724.50	758.32	764.54	-
Organic fibers, noncellulosic	2824	14.86	14.82	13.66	13.61	-	636.01	635.78	587.38	590.67	-
Drugs	283	14.42	14.61	14.70	14.68	-	615.73	626.77	610.05	606.28	-
Pharmaceutical preparations	2834	14.43	14.63	14.81	14.80	-	617.60	630.55	610.17	608.28	-
Soap, cleaners, and toilet goods	284	12.05	12.19	12.22	12.44	-	509.72	530.27	513.24	531.19	-
Soap and other detergents	2841	15.68	15.94	15.73	15.95	-	664.83	701.36	670.10	698.81	-
Polishing, sanitation, and finishing preparations	2842,3	11.09	11.10	11.71	11.74	-	464.67	469.53	485.97	493.08	-
Toilet preparations	2844	10.32	10.48	10.53	10.79	-	438.60	459.02	442.26	457.50	-
Paints and allied products	285	12.72	12.71	12.73	12.89	-	532.97	537.83	532.11	550.40	-
Industrial organic chemicals	286	17.59	17.65	17.84	17.88	-	800.35	803.08	808.15	813.54	-
Cyclic crudes and intermediates	2865	17.11	17.21	17.45	17.50	-	778.51	789.94	793.98	808.50	-
Industrial organic chemicals, nec	2869	17.87	17.91	18.07	18.10	-	813.09	813.11	816.76	819.93	-
Agricultural chemicals	287	15.26	15.46	15.32	15.19	-	672.97	698.79	690.93	680.51	-
Miscellaneous chemical products	289	13.08	13.32	13.62	13.68	-	558.52	575.42	580.21	589.61	-
Petroleum and coal products	29	18.25	18.11	18.59	18.75	18.92	819.43	795.03	851.42	819.38	828.70
Petroleum refining	291	19.94	19.67	20.39	20.64	-	911.26	881.22	937.94	897.84	-
Asphalt paving and roofing materials	295	13.45	13.06	14.14	14.19	-	586.42	544.60	653.27	641.39	-
Rubber and misc. plastics products	30	10.45	10.54	10.63	10.65	10.73	438.90	446.90	445.40	450.50	458.17
Tires and inner tubes	301	16.82	17.11	17.90	17.70	-	758.58	757.97	773.28	769.95	-
Rubber and plastics footwear	302	7.42	7.46	7.84	7.90	-	308.67	313.32	330.06	342.86	-
Hose, belting, gaskets, and packing	305	10.40	10.48	10.60	10.69	-	436.80	445.40	432.48	444.70	-
Rubber and plastics hose and belting	3052	10.44	10.41	10.87	10.85	-	440.57	443.47	458.71	465.47	-
Fabricated rubber products, nec	306	9.79	9.88	10.06	10.14	-	405.31	418.91	418.50	427.91	-
Miscellaneous plastics products, nec	308	9.72	9.80	9.85	9.89	-	405.32	412.58	412.72	418.35	-
Leather and leather products	31	7.45	7.50	7.67	7.79	7.87	291.30	293.25	296.83	302.25	304.57
Leather tanning and finishing	311	9.64	9.67	9.98	9.91	-	421.27	423.55	416.17	417.21	-
Footwear, except rubber	314	7.03	7.08	7.27	7.37	-	269.95	271.87	275.53	279.32	-
Men's footwear, except athletic	3143	7.59	7.70	7.81	7.95	-	289.18	291.06	293.66	298.13	-
Women's footwear, except athletic	3144	6.52	6.52	6.67	6.79	-	247.11	251.67	254.13	258.70	-
Luggage	316	7.87	7.74	7.65	7.99	-	325.82	307.28	294.53	306.02	-
Handbags and personal leather goods	317	6.64	6.72	6.85	7.14	-	250.33	249.98	271.26	284.17	-
Transportation and public utilities		13.64	13.58	13.68	13.71	13.77	538.78	532.34	545.83	547.03	545.29
Railroad transportation:											
Class I railroads ³	4011	16.87	16.68	17.01	16.95	-	776.02	753.94	806.27	796.65	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	33.3	33.4	34.0	33.6	-	-	-	-	-	-
Local and suburban transportation	411	38.6	38.5	38.4	38.7	-	-	-	-	-	-
Intercity and rural bus transportation	413	37.5	37.6	39.4	37.7	-	-	-	-	-	-
Trucking and warehousing	42	38.9	38.9	39.4	39.4	-	-	-	-	-	-
Trucking and courier services, except air	421	38.8	38.8	39.2	39.2	-	-	-	-	-	-
Public warehousing and storage	422	40.8	40.0	41.8	41.5	-	-	-	-	-	-
Water transportation:											
Water transportation services	449	35.9	35.4	36.1	35.7	-	-	-	-	-	-
Pipelines, except natural gas	46	42.0	41.0	44.7	42.3	-	-	-	-	-	-
Transportation services	47	37.7	36.8	37.2	37.2	-	-	-	-	-	-
Passenger transportation arrangement	472	36.4	35.5	36.0	35.8	-	-	-	-	-	-
Travel agencies	4724	36.3	35.5	36.0	35.8	-	-	-	-	-	-
Freight transportation arrangement	473	38.9	37.7	38.2	38.5	-	-	-	-	-	-
Communications	48	39.9	39.4	39.4	39.4	-	-	-	-	-	-
Telephone communications	481	41.4	40.8	41.0	41.0	-	-	-	-	-	-
Telephone communications, except radio	4813	41.4	40.8	41.1	41.2	-	-	-	-	-	-
Radio and television broadcasting	483	35.5	34.6	34.2	34.3	-	-	-	-	-	-
Cable and other pay television services	484	39.0	39.2	38.8	38.9	-	-	-	-	-	-
Electric, gas, and sanitary services	49	42.4	42.4	42.5	42.5	-	-	-	-	-	-
Electric services	491	42.2	41.8	42.0	42.3	-	-	-	-	-	-
Gas production and distribution	492	43.4	43.4	43.5	43.3	-	-	-	-	-	-
Combination utility services	493	42.3	43.4	43.0	42.6	-	-	-	-	-	-
Sanitary services	495	42.6	42.3	42.9	43.0	-	-	-	-	-	-
Wholesale trade		38.3	38.2	38.3	38.2	38.3	-	-	-	-	-
Durable goods	50	38.9	38.7	38.9	38.8	-	-	-	-	-	-
Motor vehicles, parts, and supplies	501	38.3	38.4	38.5	38.2	-	-	-	-	-	-
Furniture and home furnishings	502	37.3	37.3	38.1	37.7	-	-	-	-	-	-
Lumber and other construction materials	503	40.0	39.5	40.1	39.7	-	-	-	-	-	-
Professional and commercial equipment	504	39.2	38.9	39.0	39.0	-	-	-	-	-	-
Medical and hospital equipment	5047	37.4	37.8	38.2	38.4	-	-	-	-	-	-
Metals and minerals, except petroleum	505	40.3	40.3	40.7	40.8	-	-	-	-	-	-
Electrical goods	506	38.6	38.5	38.4	38.3	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	38.6	38.7	38.9	38.6	-	-	-	-	-	-
Machinery, equipment, and supplies	508	39.6	39.2	39.6	39.4	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	37.5	37.5	37.6	37.7	-	-	-	-	-	-
Nondurable goods	51	37.6	37.5	37.5	37.5	-	-	-	-	-	-
Paper and paper products	511	36.9	36.9	36.7	36.6	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	37.7	37.4	37.0	37.3	-	-	-	-	-	-
Apparel, piece goods, and notions	513	37.3	37.2	37.1	36.7	-	-	-	-	-	-
Groceries and related products	514	38.2	38.3	38.1	38.3	-	-	-	-	-	-
Farm-product raw materials	515	36.8	35.3	37.8	37.0	-	-	-	-	-	-
Chemicals and allied products	516	40.0	40.3	40.1	40.4	-	-	-	-	-	-
Petroleum and petroleum products	517	38.1	37.6	37.9	37.4	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	36.9	36.9	36.8	37.1	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	36.6	36.4	36.7	36.6	-	-	-	-	-	-
Retail trade		28.7	29.2	28.8	28.6	29.2	-	-	-	-	-
Building materials and garden supplies	52	36.4	35.9	36.4	36.2	-	-	-	-	-	-
Lumber and other building materials	521	38.3	37.7	38.3	38.2	-	-	-	-	-	-
Paint, glass, and wallpaper stores	523	36.3	36.0	36.3	36.2	-	-	-	-	-	-
Hardware stores	525	32.3	32.1	32.2	31.9	-	-	-	-	-	-
Retail nurseries and garden stores	526	34.0	33.9	34.0	33.3	-	-	-	-	-	-
General merchandise stores	53	29.0	32.6	29.1	29.0	-	-	-	-	-	-
Department stores	531	29.1	32.9	29.2	29.1	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	\$9.94	\$9.94	\$9.97	\$10.05	-	\$331.00	\$332.00	\$338.98	\$337.68	-
Local and suburban transportation	411	10.73	10.73	10.73	10.80	-	414.18	413.11	412.03	417.96	-
Intercity and rural bus transportation	413	12.74	12.69	12.83	12.86	-	477.75	477.14	505.50	484.82	-
Trucking and warehousing	42	12.24	12.24	12.44	12.47	-	476.14	476.14	490.14	491.32	-
Trucking and courier services, except air	421	12.43	12.42	12.66	12.68	-	482.28	481.90	496.27	497.06	-
Public warehousing and storage	422	9.99	9.94	9.89	9.97	-	407.59	397.60	413.40	413.76	-
Water transportation:											
Water transportation services	449	17.39	17.14	17.65	17.80	-	624.30	606.76	637.17	635.46	-
Pipelines, except natural gas	46	19.12	19.29	19.98	19.71	-	803.04	790.89	893.11	833.73	-
Transportation services	47	10.91	10.95	11.07	11.12	-	411.31	402.96	411.80	413.66	-
Passenger transportation arrangement	472	10.10	10.11	10.26	10.36	-	367.64	358.91	369.36	370.89	-
Travel agencies	4724	10.07	10.03	10.24	10.33	-	365.54	356.07	368.64	369.81	-
Freight transportation arrangement	473	12.05	12.15	12.28	12.28	-	468.75	458.06	469.10	472.78	-
Communications	48	14.83	14.88	15.07	15.16	-	591.72	586.27	593.76	597.30	-
Telephone communications	481	15.60	15.63	15.81	15.89	-	645.84	637.70	648.21	651.49	-
Telephone communications, except radio	4813	15.76	15.79	16.01	16.09	-	652.46	644.23	658.01	662.91	-
Radio and television broadcasting	483	13.97	14.10	14.36	14.52	-	495.94	487.86	491.11	498.04	-
Cable and other pay television services	484	11.15	11.28	11.41	11.52	-	434.85	442.18	442.71	448.13	-
Electric, gas, and sanitary services	49	16.58	16.45	17.00	17.03	-	702.99	697.48	722.50	723.78	-
Electric services	491	17.18	17.01	17.62	17.62	-	725.00	711.02	740.04	745.33	-
Gas production and distribution	492	16.10	15.96	16.61	16.79	-	698.74	692.66	722.54	727.01	-
Combination utility services	493	19.47	19.44	20.37	20.32	-	823.58	843.70	875.91	865.63	-
Sanitary services	495	12.20	11.98	12.17	12.20	-	519.72	506.75	522.09	524.60	-
Wholesale trade		11.52	11.52	11.80	11.79	\$11.85	441.22	440.06	451.94	450.38	\$453.86
Durable goods	50	11.88	11.83	12.18	12.17	-	462.13	457.82	473.80	472.20	-
Motor vehicles, parts, and supplies	501	10.40	10.48	10.73	10.72	-	398.32	402.43	413.11	409.50	-
Furniture and home furnishings	502	10.48	10.56	10.79	10.73	-	390.90	393.89	411.10	404.52	-
Lumber and other construction materials	503	11.11	11.02	11.31	11.27	-	444.40	435.29	453.53	447.42	-
Professional and commercial equipment	504	14.21	14.13	14.59	14.67	-	557.03	549.66	569.01	572.13	-
Medical and hospital equipment	5047	12.92	12.97	13.20	13.16	-	483.21	490.27	504.24	505.34	-
Metals and minerals, except petroleum	505	11.94	11.89	12.11	12.08	-	481.18	479.17	492.88	492.86	-
Electrical goods	506	12.28	12.20	12.82	12.70	-	474.01	469.70	492.29	486.41	-
Hardware, plumbing, and heating equipment	507	11.29	11.17	11.54	11.49	-	435.79	432.28	448.91	443.51	-
Machinery, equipment, and supplies	508	11.81	11.80	12.17	12.17	-	467.68	462.56	481.93	479.50	-
Misc. wholesale trade durable goods	509	9.27	9.23	9.56	9.54	-	347.63	346.13	359.46	359.66	-
Nondurable goods	51	11.05	11.10	11.29	11.28	-	415.48	416.25	423.38	423.00	-
Paper and paper products	511	11.61	11.60	12.16	11.98	-	428.41	428.04	446.27	438.47	-
Drugs, proprietaries, and sundries	512	13.17	13.15	13.59	13.41	-	496.51	491.81	502.83	500.19	-
Apparel, piece goods, and notions	513	10.58	10.72	10.80	10.91	-	394.63	398.78	400.68	400.40	-
Groceries and related products	514	11.23	11.29	11.54	11.57	-	428.99	432.41	439.67	443.13	-
Farm-product raw materials	515	8.29	8.34	8.40	8.45	-	305.07	294.40	317.52	312.65	-
Chemicals and allied products	516	13.29	13.23	13.31	13.15	-	531.60	533.17	533.73	531.26	-
Petroleum and petroleum products	517	10.58	10.54	10.77	10.73	-	403.10	396.30	408.18	401.30	-
Beer, wine, and distilled beverages	518	12.94	13.09	12.87	12.98	-	477.49	483.02	473.62	481.56	-
Misc. wholesale trade nondurable goods	519	9.37	9.41	9.57	9.50	-	342.94	342.52	351.22	347.70	-
Retail trade		7.21	7.20	7.36	7.36	7.35	206.93	210.24	211.97	210.50	214.62
Building materials and garden supplies	52	8.56	8.55	8.72	8.75	-	311.58	306.95	317.41	316.75	-
Lumber and other building materials	521	8.95	8.97	9.05	9.07	-	342.79	338.17	346.62	346.47	-
Paint, glass, and wallpaper stores	523	9.12	9.14	9.37	9.46	-	331.06	329.04	340.13	342.45	-
Hardware stores	525	7.34	7.35	7.48	7.49	-	237.08	235.94	240.86	238.93	-
Retail nurseries and garden stores	526	7.43	7.41	7.72	7.68	-	252.62	251.20	262.48	255.74	-
General merchandise stores	53	7.20	7.16	7.31	7.27	-	208.80	233.42	212.72	210.83	-
Department stores	531	7.23	7.19	7.29	7.25	-	210.39	236.55	212.87	210.98	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^a	Dec. 1993 ^a	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^a	Dec. 1993 ^a
Retail trade—Continued											
General merchandise stores—Continued											
Variety stores	533	27.5	30.4	27.6	27.7	-	-	-	-	-	-
Misc. general merchandise stores	539	28.9	31.3	29.0	29.0	-	-	-	-	-	-
Food stores											
Food stores	54	29.6	29.5	29.5	29.4	-	-	-	-	-	-
Grocery stores	541	29.7	29.6	29.6	29.6	-	-	-	-	-	-
Retail bakeries	546	28.5	28.5	28.7	28.5	-	-	-	-	-	-
Automotive dealers and service stations											
New and used car dealers	55	36.1	35.8	36.1	35.9	-	-	-	-	-	-
Auto and home supply stores	551	37.7	37.2	37.4	37.3	-	-	-	-	-	-
Gasoline service stations	553	38.0	37.7	37.9	37.7	-	-	-	-	-	-
Automotive dealers, nec	554	33.2	33.0	33.4	33.2	-	-	-	-	-	-
Automotive dealers, nec	559	34.7	33.9	33.0	33.8	-	-	-	-	-	-
Apparel and accessory stores											
Men's and boys' clothing stores	56	26.3	26.9	26.3	26.1	-	-	-	-	-	-
Women's clothing stores	561	28.4	30.3	29.0	28.7	-	-	-	-	-	-
Family clothing stores	562	24.1	24.1	23.9	23.5	-	-	-	-	-	-
Shoe stores	565	27.7	28.1	27.5	27.6	-	-	-	-	-	-
Shoe stores	566	26.9	27.9	26.9	26.7	-	-	-	-	-	-
Furniture and home furnishings stores											
Furniture and home furnishings stores	57	32.9	33.4	33.2	33.1	-	-	-	-	-	-
Furniture and home furnishings stores	571	33.3	33.6	33.3	33.3	-	-	-	-	-	-
Household appliance stores	572	33.8	34.3	34.3	33.7	-	-	-	-	-	-
Radio, television, and computer stores	573	32.0	32.8	32.7	32.8	-	-	-	-	-	-
Radio, television, and electronic stores	5731	32.0	33.4	32.2	32.4	-	-	-	-	-	-
Record and prerecorded tape stores	5735	25.2	27.8	28.0	28.2	-	-	-	-	-	-
Eating and drinking places ⁴											
Eating and drinking places ⁴	58	24.8	24.6	25.2	24.9	-	-	-	-	-	-
Miscellaneous retail establishments											
Drug stores and proprietary stores	59	29.6	30.8	29.6	29.4	-	-	-	-	-	-
Used merchandise stores	591	27.9	28.4	27.8	28.0	-	-	-	-	-	-
Miscellaneous shopping goods stores	593	32.4	32.0	32.3	32.6	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	27.6	29.6	27.9	27.3	-	-	-	-	-	-
Nonstore retailers	596	34.2	35.9	33.9	34.3	-	-	-	-	-	-
Fuel dealers	598	38.8	39.6	38.6	38.7	-	-	-	-	-	-
Retail stores, nec	599	30.8	31.5	30.9	30.6	-	-	-	-	-	-
Finance, insurance, and real estate⁵											
Depository institutions											
Commercial banks	60	35.8	35.0	35.0	35.0	-	-	-	-	-	-
Commercial banks	602	35.7	34.7	34.9	34.7	-	-	-	-	-	-
State commercial banks	6022	36.2	35.2	35.4	35.2	-	-	-	-	-	-
National and commercial banks, nec	6021,9	35.4	34.4	34.5	34.4	-	-	-	-	-	-
Credit unions	606	36.0	35.5	35.5	35.4	-	-	-	-	-	-
Nondepository institutions											
Nondepository institutions	61	38.3	37.5	38.1	37.8	-	-	-	-	-	-
Personal credit institutions	614	38.1	38.4	37.9	37.6	-	-	-	-	-	-
Security and commodity brokers:											
Security and commodity services	628	36.7	36.1	36.2	36.0	-	-	-	-	-	-
Insurance carriers											
Life insurance	63	38.1	37.9	37.8	37.9	-	-	-	-	-	-
Life insurance	631	37.7	37.6	37.5	37.4	-	-	-	-	-	-
Medical service and health insurance	632	38.5	38.7	38.4	38.4	-	-	-	-	-	-
Hospital and medical service plans	6324	38.2	38.4	38.2	38.2	-	-	-	-	-	-
Fire, marine, and casualty insurance	633	37.8	37.4	37.4	37.6	-	-	-	-	-	-
Services											
Agricultural services											
Agricultural services	07	32.6	32.3	32.4	32.5	32.5	-	-	-	-	-
Veterinary services	074	33.6	32.2	34.1	33.6	-	-	-	-	-	-
Landscaping and horticultural services	078	29.0	28.3	28.4	28.2	-	-	-	-	-	-
Landscaping and horticultural services	078	35.6	34.0	36.5	35.9	-	-	-	-	-	-
Hotels and other lodging places:											
Hotels and motels ⁶	701	31.3	29.8	31.2	30.7	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Retail trade—Continued											
General merchandise stores—Continued											
Variety stores	533	\$6.21	\$6.20	\$6.74	\$6.78	-	\$170.78	\$188.48	\$186.02	\$187.81	-
Misc. general merchandise stores	539	7.54	7.55	8.00	7.93	-	217.91	236.32	232.00	229.97	-
Food stores	54	7.75	7.71	7.89	7.91	-	229.40	227.45	232.76	232.55	-
Grocery stores	541	7.85	7.82	7.99	8.01	-	233.15	231.47	236.50	237.10	-
Retail bakeries	546	6.71	6.73	6.92	6.89	-	191.24	191.81	198.60	196.37	-
Automotive dealers and service stations	55	9.37	9.31	9.74	9.72	-	338.26	333.30	351.61	348.95	-
New and used car dealers	551	11.59	11.45	12.14	12.07	-	436.94	425.94	454.04	450.21	-
Auto and home supply stores	553	8.22	8.26	8.35	8.32	-	312.36	311.40	316.47	313.66	-
Gasoline service stations	554	6.54	6.57	6.72	6.72	-	217.13	216.81	224.45	223.10	-
Automotive dealers, nec	559	10.66	10.57	10.71	10.55	-	369.90	358.32	353.43	356.59	-
Apparel and accessory stores	56	6.96	6.92	7.08	7.08	-	183.05	186.15	186.20	184.79	-
Men's and boys' clothing stores	561	8.47	8.37	8.33	8.29	-	240.55	253.61	241.57	237.92	-
Women's clothing stores	562	6.53	6.48	6.73	6.67	-	157.37	156.17	160.85	156.75	-
Family clothing stores	565	6.79	6.65	6.85	6.91	-	188.08	186.87	188.38	190.72	-
Shoe stores	566	7.24	7.34	7.41	7.47	-	194.76	204.79	199.33	199.45	-
Furniture and home furnishings stores	57	9.32	9.34	9.54	9.51	-	306.63	311.96	316.73	314.78	-
Furniture and home furnishings stores	571	9.16	9.18	9.37	9.42	-	305.03	308.45	312.02	313.69	-
Household appliance stores	572	9.69	9.89	9.84	9.87	-	327.52	339.23	337.51	332.62	-
Radio, television, and computer stores	573	9.46	9.42	9.73	9.56	-	302.72	308.98	318.17	313.57	-
Radio, television, and electronic stores	5731	9.15	9.56	9.68	9.56	-	292.80	319.30	311.70	309.74	-
Record and prerecorded tape stores	5735	5.85	5.73	5.96	5.85	-	147.42	159.29	166.88	164.97	-
Eating and drinking places⁴	58	5.33	5.35	5.38	5.40	-	132.18	131.61	135.58	134.46	-
Miscellaneous retail establishments	59	7.75	7.70	8.04	8.00	-	229.40	237.16	237.98	235.20	-
Drug stores and proprietary stores	591	7.86	7.79	8.28	8.28	-	219.29	221.24	230.18	231.84	-
Used merchandise stores	593	6.63	6.76	6.75	6.75	-	214.81	216.32	218.03	220.05	-
Miscellaneous shopping goods stores	594	7.08	7.02	7.38	7.32	-	195.41	207.79	205.90	199.84	-
Nonstore retailers	596	8.13	8.16	8.54	8.51	-	278.05	292.94	289.51	291.89	-
Fuel dealers	598	11.07	11.20	11.30	11.34	-	429.52	443.52	436.18	438.86	-
Retail stores, nec	599	8.10	8.04	8.20	8.14	-	249.48	253.26	253.38	249.08	-
Finance, insurance, and real estate⁵		11.05	11.03	11.48	11.53	\$11.60	400.01	392.67	409.84	411.62	\$415.28
Depository institutions	60	9.02	8.99	9.16	9.18	-	322.92	314.65	320.60	321.30	-
Commercial banks	602	8.59	8.54	8.75	8.75	-	306.66	296.34	305.38	303.63	-
State commercial banks	6022	8.46	8.44	8.59	8.60	-	306.25	297.09	304.09	302.72	-
National and commercial banks, nec	6021,9	8.69	8.62	8.86	8.86	-	307.63	296.53	305.67	304.78	-
Credit unions	606	8.88	8.85	9.13	9.17	-	319.68	314.18	324.12	324.62	-
Nondepository institutions	61	11.94	11.78	12.68	12.81	-	457.30	441.75	483.11	484.22	-
Personal credit institutions	614	9.79	9.69	10.00	10.11	-	373.00	372.10	379.00	380.14	-
Security and commodity brokers:											
Security and commodity services	628	15.64	15.42	15.59	15.71	-	573.99	556.66	564.36	565.56	-
Insurance carriers	63	12.69	12.74	13.37	13.43	-	483.49	482.85	505.39	509.00	-
Life insurance	631	11.57	11.62	12.58	12.73	-	436.19	436.91	471.75	476.10	-
Medical service and health insurance	632	12.20	12.33	12.74	12.87	-	469.70	477.17	489.22	494.21	-
Hospital and medical service plans	6324	12.37	12.57	13.04	13.13	-	472.53	482.69	498.13	501.57	-
Fire, marine, and casualty insurance	633	13.73	13.79	14.30	14.28	-	518.99	515.75	534.82	536.93	-
Services		10.73	10.76	10.89	10.95	10.99	349.80	347.55	352.84	355.88	357.18
Agricultural services	07	8.43	8.62	8.63	8.72	-	283.25	277.56	294.28	292.99	-
Veterinary services	074	8.08	8.14	8.24	8.27	-	234.32	230.36	234.02	233.21	-
Landscape and horticultural services	078	8.65	8.95	8.81	8.94	-	307.94	304.30	321.57	320.95	-
Hotels and other lodging places:											
Hotels and motels ⁴	701	7.53	7.64	7.63	7.74	-	235.69	227.67	238.06	237.62	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^a	Dec. 1993 ^a	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^a	Dec. 1993 ^a
Services—Continued											
Personal services:											
Laundry, cleaning, and garment services	721	34.2	33.9	34.3	34.0	-	-	-	-	-	-
Beauty shops ⁴	723	28.9	28.9	28.6	28.4	-	-	-	-	-	-
Miscellaneous personal services	729	24.6	22.5	25.6	25.2	-	-	-	-	-	-
Business services											
Advertising	731	37.2	36.6	36.8	36.6	-	-	-	-	-	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services	7334	37.3	37.8	37.1	37.4	-	-	-	-	-	-
Services to buildings	734	28.7	28.6	28.9	28.6	-	-	-	-	-	-
Miscellaneous equipment rental and leasing	735	39.3	39.2	39.7	38.9	-	-	-	-	-	-
Heavy construction equipment rental	7353	40.0	39.5	40.4	39.7	-	-	-	-	-	-
Personnel supply services:											
Help supply services	7363	31.4	31.6	30.7	31.7	-	-	-	-	-	-
Computer and data processing services	737	38.4	37.7	38.1	38.1	-	-	-	-	-	-
Computer programming services	7371	38.2	37.7	38.6	38.3	-	-	-	-	-	-
Computer integrated systems design	7373	39.3	38.3	37.9	38.6	-	-	-	-	-	-
Information retrieval services	7375	39.0	38.2	38.7	38.7	-	-	-	-	-	-
Computer maintenance and repair	7378	38.9	38.9	39.2	39.2	-	-	-	-	-	-
Miscellaneous business services	738	33.7	33.5	33.5	33.4	-	-	-	-	-	-
Detective and armored car services	7381	33.6	33.8	33.5	33.5	-	-	-	-	-	-
Security systems services	7382	36.9	37.3	36.9	36.4	-	-	-	-	-	-
Auto repair, services, and parking											
Automotive rentals, without drivers	751	36.8	36.9	36.9	36.8	-	-	-	-	-	-
Passenger car rental	7514	35.8	35.9	35.8	35.7	-	-	-	-	-	-
Automobile parking	752	33.1	32.7	34.0	33.3	-	-	-	-	-	-
Automotive repair shops	753	38.2	38.0	38.4	38.3	-	-	-	-	-	-
Automotive and tire repair shops	7532,4	37.4	37.4	37.5	37.6	-	-	-	-	-	-
General automotive repair shops	7538	38.1	37.9	38.2	37.8	-	-	-	-	-	-
Automotive services, except repair	754	31.4	30.0	31.1	31.2	-	-	-	-	-	-
Carwashes	7542	28.8	26.8	28.7	28.9	-	-	-	-	-	-
Miscellaneous repair services	76	37.9	38.1	38.1	38.1	-	-	-	-	-	-
Motion pictures											
Motion picture production and services	781	39.3	39.0	39.3	39.4	-	-	-	-	-	-
Amusement and recreation services											
Bowling centers	793	25.1	24.6	24.2	24.4	-	-	-	-	-	-
Misc. amusement and recreation services	799	26.2	25.8	26.2	26.1	-	-	-	-	-	-
Physical fitness facilities	7991	18.3	17.8	18.0	17.9	-	-	-	-	-	-
Membership sports and recreation clubs	7997	28.1	29.3	28.5	27.9	-	-	-	-	-	-
Health services											
Offices and clinics of medical doctors	801	32.5	32.3	32.3	32.3	-	-	-	-	-	-
Offices and clinics of dentists	802	28.5	28.3	28.1	28.2	-	-	-	-	-	-
Offices and clinics of other health practitioners	804	30.1	29.6	29.7	29.8	-	-	-	-	-	-
Nursing and personal care facilities	805	32.6	32.2	31.9	32.0	-	-	-	-	-	-
Intermediate care facilities	8052	32.0	31.4	31.3	31.3	-	-	-	-	-	-
Hospitals	806	34.5	34.5	34.5	34.6	-	-	-	-	-	-
Home health care services	808	27.8	27.6	27.8	28.2	-	-	-	-	-	-
Legal services	81	35.3	34.7	34.6	34.6	-	-	-	-	-	-
Social services											
Individual and family services	832	32.7	32.3	31.9	31.8	-	-	-	-	-	-
Job training and related services	833	31.0	30.4	30.8	30.8	-	-	-	-	-	-
Child day care services	835	30.1	29.5	29.7	29.4	-	-	-	-	-	-
Residential care	836	32.2	31.6	31.8	31.8	-	-	-	-	-	-
Social services, nec	839	32.3	32.1	31.9	31.6	-	-	-	-	-	-
Membership organizations:											
Professional organizations	862	35.4	34.7	35.1	35.1	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Services—Continued											
Personal services:											
Laundry, cleaning, and garment services	721	\$7.21	\$7.24	\$7.29	\$7.30	-	\$246.58	\$245.44	\$250.05	\$248.20	-
Beauty shops ¹	723	7.57	7.73	7.85	7.88	-	218.77	223.40	224.51	223.79	-
Miscellaneous personal services	729	8.07	7.99	7.86	7.88	-	198.52	179.78	201.22	198.58	-
Business services	73	9.98	9.94	10.10	10.12	-	331.34	329.01	331.28	334.97	-
Advertising	731	15.10	14.71	15.29	15.26	-	561.72	538.39	562.67	558.52	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services	7334	9.41	9.52	9.68	9.74	-	350.99	359.86	359.13	364.28	-
Services to buildings	734	7.38	7.31	7.51	7.47	-	211.81	209.07	217.04	213.64	-
Miscellaneous equipment rental and leasing	735	10.55	10.55	10.76	10.77	-	414.62	413.56	427.17	418.95	-
Heavy construction equipment rental	7353	13.58	13.85	14.33	14.11	-	543.20	547.08	578.93	560.17	-
Personnel supply services:											
Help supply services	7363	8.23	8.31	8.23	8.26	-	258.42	262.60	252.66	261.84	-
Computer and data processing services	737	16.07	15.96	16.54	16.56	-	617.09	601.89	630.17	630.94	-
Computer programming services	7371	18.88	18.87	19.50	19.54	-	721.22	711.40	752.70	748.38	-
Computer integrated systems design	7373	16.78	16.55	17.30	17.56	-	659.45	633.87	655.67	677.82	-
Information retrieval services	7375	13.59	13.56	14.41	14.18	-	530.01	517.99	557.67	548.77	-
Computer maintenance and repair	7378	13.70	13.81	13.67	13.61	-	532.93	537.21	535.86	533.51	-
Miscellaneous business services	738	8.54	8.50	8.66	8.70	-	287.80	284.75	290.11	290.58	-
Detective and armored car services	7381	6.75	6.74	6.77	6.82	-	226.80	227.81	226.80	228.47	-
Security systems services	7382	10.51	10.48	11.02	10.98	-	387.82	390.90	406.64	399.67	-
Auto repair, services, and parking	75	9.26	9.29	9.38	9.40	-	335.21	333.51	341.43	341.22	-
Automotive rentals, without drivers	751	9.29	9.35	9.29	9.23	-	341.87	345.02	342.80	339.66	-
Passenger car rental	7514	8.22	8.21	8.34	8.27	-	294.28	294.74	298.57	295.24	-
Automobile parking	752	6.86	7.00	6.85	6.86	-	227.07	228.90	232.90	228.44	-
Automotive repair shops	753	10.14	10.13	10.38	10.44	-	387.35	384.94	398.59	399.85	-
Automotive and tire repair shops	7532,4	10.74	10.81	10.95	11.00	-	401.68	404.29	410.63	413.60	-
General automotive repair shops	7538	10.18	10.14	10.42	10.44	-	387.86	384.31	398.04	394.63	-
Automotive services, except repair	754	7.13	7.17	6.95	6.94	-	223.88	215.10	216.15	216.53	-
Carwashes	7542	6.15	6.21	6.12	6.12	-	177.12	166.43	175.64	176.87	-
Miscellaneous repair services	76	10.93	10.93	11.13	11.23	-	414.25	416.43	424.05	427.86	-
Motion pictures	78	13.49	13.44	13.35	13.81	-	392.56	388.42	368.49	401.87	-
Motion picture production and services	781	19.61	19.92	18.97	19.83	-	770.67	776.88	745.52	781.30	-
Amusement and recreation services	79	8.61	8.77	8.68	8.97	-	230.75	230.65	230.02	240.40	-
Bowling centers	793	6.46	6.49	6.55	6.49	-	162.15	159.65	158.51	158.36	-
Misc. amusement and recreation services	799	7.97	8.13	8.02	8.25	-	208.81	209.75	210.12	215.33	-
Physical fitness facilities	7991	7.94	8.04	7.82	7.77	-	145.30	143.11	140.76	139.08	-
Membership sports and recreation clubs	7997	7.97	8.21	8.08	8.22	-	223.96	240.55	230.28	229.34	-
Health services	80	11.55	11.64	11.86	11.90	-	380.00	381.79	386.64	389.13	-
Offices and clinics of medical doctors	801	11.65	11.73	11.99	12.05	-	378.63	378.88	387.28	389.22	-
Offices and clinics of dentists	802	11.20	11.24	11.63	11.62	-	319.20	318.09	326.80	327.68	-
Offices and clinics of other health practitioners	804	10.10	10.19	10.42	10.50	-	304.01	301.62	309.47	312.90	-
Nursing and personal care facilities	805	7.93	7.99	8.26	8.27	-	258.52	257.28	263.49	264.64	-
Intermediate care facilities	8052	7.33	7.43	7.71	7.69	-	234.56	233.30	241.32	240.70	-
Hospitals	806	13.24	13.33	13.55	13.60	-	456.78	459.89	467.48	470.56	-
Home health care services	808	10.14	10.23	10.47	10.55	-	281.89	282.35	291.07	297.51	-
Legal services	81	15.27	15.14	15.37	15.37	-	539.03	525.36	531.80	531.80	-
Social services	83	7.74	7.74	7.93	7.95	-	245.36	241.49	247.42	247.25	-
Individual and family services	832	8.27	8.25	8.46	8.47	-	270.43	266.48	269.87	269.35	-
Job training and related services	833	7.62	7.61	7.85	7.85	-	236.22	231.34	241.78	241.78	-
Child day care services	835	6.59	6.58	6.69	6.72	-	196.36	194.11	198.69	197.57	-
Residential care	836	7.88	7.94	8.10	8.14	-	253.74	250.90	257.58	258.85	-
Social services, nec	839	8.79	8.70	9.03	9.05	-	283.92	279.27	288.06	285.98	-
Membership organizations:											
Professional organizations	862	14.69	14.64	15.28	15.28	-	520.03	508.01	536.33	536.33	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Services—Continued											
Engineering and management services	87	37.4	36.9	37.1	37.0	-	-	-	-	-	-
Engineering and architectural services	871	39.3	38.9	39.0	38.8	-	-	-	-	-	-
Engineering services	8711	39.6	39.2	39.2	39.0	-	-	-	-	-	-
Architectural services	8712	38.2	37.8	37.9	38.1	-	-	-	-	-	-
Surveying services	8713	38.2	37.6	39.0	38.5	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	872	36.7	36.3	36.1	36.1	-	-	-	-	-	-
Research and testing services	873	36.8	36.4	36.7	36.6	-	-	-	-	-	-
Commercial physical research	8731	39.6	39.2	38.8	38.7	-	-	-	-	-	-
Commercial nonphysical research	8732	30.3	29.6	29.8	30.3	-	-	-	-	-	-
Noncommercial research organizations	8733	36.4	35.9	36.8	36.5	-	-	-	-	-	-
Management and public relations	874	35.9	35.5	35.7	35.6	-	-	-	-	-	-
Public relations services	8743	34.8	33.4	32.9	32.3	-	-	-	-	-	-
Services, nec	89	38.3	37.1	36.2	36.2	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Services—Continued											
Engineering and management services	87	\$14.89	\$14.80	\$15.25	\$15.23	-	\$556.89	\$546.12	\$565.78	\$563.51	-
Engineering and architectural services	871	16.27	16.12	16.37	16.32	-	639.41	627.07	638.43	633.22	-
Engineering services	8711	16.85	16.68	16.97	16.93	-	667.26	653.86	665.22	660.27	-
Architectural services	8712	15.11	14.97	15.10	15.01	-	577.20	565.87	572.29	571.88	-
Surveying services	8713	11.32	11.41	11.61	11.66	-	432.42	429.02	452.79	448.91	-
Accounting, auditing, and bookkeeping	872	13.11	13.01	13.26	13.16	-	481.14	472.26	478.69	475.08	-
Research and testing services	873	15.67	15.66	16.37	16.26	-	576.66	570.02	600.78	595.12	-
Commercial physical research	8731	17.83	17.80	18.44	18.38	-	706.07	697.76	715.47	711.31	-
Commercial nonphysical research	8732	11.66	11.71	12.45	12.19	-	353.30	346.62	371.01	369.36	-
Noncommercial research organizations	8733	17.40	17.48	18.37	18.29	-	633.36	627.53	676.02	667.59	-
Management and public relations	874	13.64	13.60	14.17	14.30	-	489.68	482.80	505.87	509.08	-
Public relations services	8743	13.57	13.56	13.55	13.50	-	472.24	452.90	445.80	436.05	-
Services, nec	89	16.07	16.02	15.75	15.73	-	615.48	594.34	570.15	569.43	-

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

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

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

⁴ Money payments only; tips, not included.

⁵ Excludes nonoffice commissioned real estate sales agents.

- Data not available.

^p = preliminary.

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

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

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

Because of special circumstances in the aerospace

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

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

Series	Aircraft (SIC 3721)				Guided missiles and space vehicles (SIC 3761)			
	Oct. 1992	Nov. 1992	Oct. 1993	Nov. 1993 ^p	Oct. 1992	Nov. 1992	Oct. 1993	Nov. 1993 ^p
Average hourly earnings, excluding lump-sum payments	\$18.09	\$18.14	\$18.82	\$18.95	\$16.71	\$17.03	\$17.65	\$17.64
Average hourly earnings, including lump-sum payments	18.94	18.98	18.84	18.97	16.81	17.12	17.68	17.67

^p = preliminary.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

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

Industry	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Manufacturing	\$11.01	\$11.09	\$11.21	\$11.27	\$11.36
Durable goods	11.56	11.63	11.76	11.82	11.89
Lumber and wood products	9.07	9.09	9.21	9.17	(2)
Furniture and fixtures	8.77	8.81	9.01	9.07	(2)
Stone, clay, and glass products	11.04	11.04	11.17	11.24	(2)
Primary metal industries	12.97	13.03	13.15	13.21	(2)
Fabricated metal products	10.95	11.04	11.12	11.19	(2)
Industrial machinery and equipment	11.93	11.96	12.13	12.16	(2)
Electronic and other electrical equipment	10.56	10.60	10.75	10.78	(2)
Transportation equipment	14.71	14.78	15.09	15.17	(2)
Instruments and related products	11.66	11.68	11.92	11.93	(2)
Miscellaneous manufacturing	8.87	9.00	9.01	9.07	(2)
Nondurable goods	10.31	10.38	10.49	10.55	\$10.66
Food and kindred products	9.72	9.81	9.77	9.95	(2)
Tobacco products	17.04	15.79	15.70	16.09	(2)
Textile mill products	8.26	8.30	8.48	8.50	(2)
Apparel and other textile products	6.79	6.86	6.95	7.00	(2)
Paper and allied products	12.43	12.51	12.73	12.75	(2)
Printing and publishing	11.35	11.41	11.53	11.51	(2)
Chemicals and allied products	13.94	14.01	14.09	14.15	(2)
Petroleum and coal products	16.95	16.97	17.39	17.54	(2)
Rubber and misc. plastics products	9.94	10.01	10.08	10.09	(2)
Leather and leather products	7.20	7.28	7.42	7.53	(2)

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 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1992 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

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

Industry	Average hourly earnings					Average weekly earnings				
	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p	Nov. 1992	Dec. 1992	Oct. 1993	Nov. 1993 ^p	Dec. 1993 ^p
Total private:										
Current dollars	\$10.72	\$10.70	\$10.94	\$10.96	\$10.97	\$369.84	\$369.15	\$378.52	\$378.12	\$380.66
Constant (1982) dollars	7.43	7.42	7.40	7.41	(²)	256.30	255.82	255.93	255.49	(²)
Mining:										
Current dollars	14.61	14.58	14.46	14.43	\$14.66	651.61	647.35	657.93	643.58	\$659.70
Constant (1982) dollars	10.12	10.10	9.78	9.75	(²)	451.57	448.61	444.85	434.85	(²)
Construction:										
Current dollars	14.24	14.27	14.53	14.45	\$14.44	534.00	530.84	571.03	557.77	\$553.05
Constant (1982) dollars	9.87	9.89	9.82	9.76	(²)	370.06	367.87	386.09	376.87	(²)
Manufacturing:										
Current dollars	11.55	11.64	11.81	11.88	\$12.00	480.48	487.72	493.66	498.96	\$508.80
Constant (1982) dollars	8.00	8.07	7.99	8.03	(²)	332.97	337.99	333.78	337.14	(²)
Transportation and public utilities:										
Current dollars	13.64	13.58	13.68	13.71	\$13.77	538.78	532.34	545.83	547.03	\$545.29
Constant (1982) dollars	9.45	9.41	9.25	9.26	(²)	373.37	368.91	369.05	369.61	(²)
Wholesale trade:										
Current dollars	11.52	11.52	11.80	11.79	\$11.85	441.22	440.06	451.94	450.38	\$453.86
Constant (1982) dollars	7.98	7.98	7.98	7.97	(²)	305.77	304.96	305.57	304.31	(²)
Retail trade:										
Current dollars	7.21	7.20	7.36	7.36	\$7.35	206.93	210.24	211.97	210.50	\$214.62
Constant (1982) dollars	5.00	4.99	4.98	4.97	(²)	143.40	145.70	143.32	142.23	(²)
Finance, insurance, and real estate:										
Current dollars	11.05	11.03	11.48	11.53	\$11.60	400.01	392.67	409.84	411.62	\$415.28
Constant (1982) dollars	7.66	7.64	7.76	7.79	(²)	277.21	272.12	277.11	278.12	(²)
Services:										
Current dollars	10.73	10.76	10.89	10.95	\$10.99	349.80	347.55	352.84	355.88	\$357.18
Constant (1982) dollars	7.44	7.46	7.36	7.40	(²)	242.41	240.85	238.57	240.46	(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 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1992 forward are subject to revision.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

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

Industry	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Total private	34.3	34.5	34.4	34.2	34.4	34.7	34.4	34.5	34.7	34.3	34.5	34.6	34.6
Mining	43.7	44.0	43.6	43.4	44.3	44.6	44.1	44.9	44.6	44.1	45.1	44.1	44.3
Construction	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Manufacturing	41.2	41.4	41.4	41.2	41.5	41.4	41.2	41.4	41.4	41.5	41.6	41.7	41.7
<i>Overtime hours</i>	3.9	4.0	4.2	4.0	4.2	4.1	4.0	4.0	4.1	4.1	4.3	4.4	4.4
Durable goods	41.8	42.0	42.1	42.0	42.2	42.0	41.9	42.0	42.2	42.3	42.4	42.5	42.5
<i>Overtime hours</i>	3.9	4.0	4.3	4.2	4.4	4.3	4.2	4.1	4.2	4.2	4.5	4.7	4.7
Lumber and wood products	40.5	40.6	40.8	40.6	40.5	40.6	40.4	40.7	40.8	41.1	41.2	41.5	41.3
Furniture and fixtures	40.0	40.2	40.3	40.1	40.0	39.7	39.5	39.9	40.5	39.9	40.5	40.7	40.1
Stone, clay, and glass products	42.2	42.5	42.5	42.2	42.5	42.8	42.6	42.7	42.9	42.8	42.7	43.3	43.2
Primary metal industries	43.3	43.6	43.8	43.9	44.2	43.6	43.4	43.6	43.5	43.4	43.6	44.0	43.8
Blast furnaces and basic steel products ..	43.7	44.0	44.4	44.4	44.7	44.1	44.1	44.3	43.7	44.4	43.7	44.0	43.3
Fabricated metal products	41.8	42.0	42.1	41.9	42.1	41.9	41.9	41.9	42.1	42.0	42.3	42.5	42.5
Industrial machinery and equipment	42.6	42.7	42.9	42.8	43.1	42.9	42.9	43.1	43.0	42.8	43.2	43.2	43.2
Electronic and other electrical equipment ..	41.4	41.7	41.7	41.6	41.8	41.8	41.4	41.8	42.0	42.1	42.1	41.9	41.8
Transportation equipment	42.4	42.5	42.8	42.7	42.9	42.7	42.5	42.3	43.1	43.8	43.5	43.8	44.1
Motor vehicles and equipment	43.4	43.7	44.2	44.3	45.2	44.0	43.5	43.0	44.4	45.1	44.8	45.7	46.1
Instruments and related products	41.1	41.2	41.0	41.1	41.3	41.3	41.2	41.4	41.0	41.1	41.1	40.8	41.3
Miscellaneous manufacturing	39.8	39.9	39.9	39.9	40.3	39.8	39.5	39.5	39.7	39.9	39.6	39.9	40.1
Nondurable goods	40.5	40.6	40.7	40.3	40.6	40.5	40.5	40.6	40.5	40.5	40.7	40.7	40.7
<i>Overtime hours</i>	3.9	3.9	4.1	3.8	4.0	3.9	3.9	3.9	3.9	4.0	4.1	4.1	4.1
Food and kindred products	40.6	40.6	40.7	40.4	40.7	40.4	40.6	40.8	40.6	40.6	41.0	40.8	40.6
Tobacco products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Textile mill products	41.4	41.6	41.8	40.1	41.9	41.7	41.3	41.3	41.4	41.5	41.3	41.9	41.9
Apparel and other textile products	37.4	37.6	37.5	37.2	37.1	37.3	37.1	37.3	37.3	36.8	36.9	37.3	37.3
Paper and allied products	43.5	43.5	43.8	43.5	43.7	43.7	43.6	43.4	43.5	43.8	43.8	43.7	43.7
Printing and publishing	38.1	38.2	38.1	38.1	38.4	38.2	38.4	38.5	38.1	38.2	38.5	38.4	38.3
Chemicals and allied products	42.8	43.0	42.9	42.8	42.9	43.3	43.1	43.4	43.2	43.1	43.4	43.0	43.3
Petroleum and coal products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Rubber and misc. plastics products	41.9	42.0	42.1	41.8	41.8	41.8	41.7	41.7	41.8	41.6	41.8	42.1	42.2
Leather and leather products	38.7	39.3	39.4	39.0	38.9	38.6	37.7	38.0	38.3	38.8	38.7	38.6	38.2
Transportation and public utilities	39.1	39.6	39.4	39.6	39.4	39.8	39.4	39.6	40.1	39.6	39.9	39.8	39.5
Wholesale trade	38.0	38.1	38.1	38.0	38.0	38.4	38.2	38.2	38.3	37.9	38.2	38.2	38.1
Retail trade	28.8	28.8	28.7	28.2	28.8	29.0	28.8	28.8	28.9	28.8	28.9	28.8	28.8
Finance, insurance, and real estate	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Services	32.3	32.5	32.4	32.4	32.4	32.8	32.5	32.5	32.7	32.2	32.5	32.5	32.6

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

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

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

NOTE: Establishment survey estimates are currently projected from March 1992 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1989 forward are subject to revision.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

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

(1982=100)

Industry	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Total private	121.7	122.5	122.7	122.2	123.1	124.6	123.6	124.1	124.8	123.7	124.9	125.1	125.3
Goods-producing	101.4	101.7	102.5	101.9	102.2	102.8	102.0	102.6	102.4	102.1	102.8	103.7	103.7
Mining	54.1	54.2	52.7	52.5	53.5	54.2	53.0	53.8	53.1	53.0	53.9	52.8	54.0
Construction	116.9	116.4	119.2	118.8	119.3	124.5	123.4	125.3	124.9	123.3	124.5	127.9	127.1
Manufacturing	101.2	101.8	102.3	101.6	101.8	101.4	100.8	101.0	100.9	100.9	101.5	102.0	102.0
Durable goods	98.5	99.2	99.7	99.3	99.2	98.5	97.8	97.9	98.2	98.5	99.1	99.7	100.1
Lumber and wood products	120.3	120.6	122.7	122.1	120.1	119.6	118.8	119.9	120.6	122.1	124.0	125.5	125.3
Furniture and fixtures	118.2	119.1	120.0	119.4	119.1	118.9	118.0	119.2	120.0	118.8	120.6	122.2	121.0
Stone, clay, and glass products	100.8	101.2	102.3	101.3	101.0	101.9	101.2	101.7	101.9	101.9	102.2	103.9	103.9
Primary metal industries	85.2	85.9	86.3	86.5	86.5	85.3	84.4	84.5	84.1	84.1	84.6	85.9	85.7
Blast furnaces and basic steel products	72.2	72.3	73.3	73.3	73.4	72.4	71.6	71.6	70.2	71.7	71.0	71.5	70.3
Fabricated metal products	99.9	101.1	101.6	101.3	101.3	100.5	100.3	100.0	100.6	100.5	101.5	102.6	103.0
Industrial machinery and equipment	90.2	90.5	90.9	90.5	91.2	90.8	91.0	91.4	90.7	90.6	91.8	92.1	92.3
Electronic and other electrical equipment	99.2	99.6	100.2	100.3	100.5	100.1	98.8	99.6	99.8	100.3	100.8	100.6	101.4
Transportation equipment	110.5	112.1	112.1	111.2	110.1	108.3	106.9	105.9	107.8	109.6	108.8	109.8	110.8
Motor vehicles and equipment	132.2	142.9	139.0	136.6	136.3	131.5	129.5	128.3	132.9	135.2	135.4	139.2	143.1
Instruments and related products	77.8	77.9	77.3	77.1	77.3	76.3	75.7	75.6	74.7	74.5	74.3	73.4	74.2
Miscellaneous manufacturing	97.0	96.9	97.6	98.0	99.4	97.8	96.7	96.7	96.0	96.9	96.2	96.5	97.0
Nondurable goods	105.0	105.5	105.8	104.8	105.4	105.3	104.8	105.2	104.6	104.2	104.7	105.0	104.5
Food and kindred products	110.2	110.7	111.2	110.3	110.6	109.5	109.7	110.2	110.3	109.3	111.4	111.0	109.2
Tobacco products	69.3	68.6	68.1	65.4	65.8	66.0	67.6	63.4	60.5	62.3	63.2	67.1	64.3
Textile mill products	98.4	98.7	99.2	94.8	99.4	98.9	97.5	97.5	96.8	97.1	96.8	97.8	97.8
Apparel and other textile products	91.3	91.9	91.8	91.1	90.2	90.8	89.6	89.7	89.0	87.7	87.2	88.1	87.6
Paper and allied products	109.4	109.4	110.4	109.6	109.5	109.7	109.5	108.8	108.6	109.1	108.9	108.7	108.7
Printing and publishing	122.1	122.2	122.2	122.4	123.3	122.8	123.3	123.8	122.4	122.5	123.1	122.6	121.5
Chemicals and allied products	98.3	98.9	98.7	96.8	99.0	100.5	99.7	101.1	100.1	100.6	101.3	100.9	101.2
Petroleum and coal products	85.5	87.1	87.4	85.4	87.9	86.9	84.9	85.9	85.6	84.1	86.3	82.8	83.7
Rubber and misc. plastics products	128.3	129.4	130.4	129.9	129.7	129.9	129.4	129.9	129.5	128.7	128.6	131.0	131.9
Leather and leather products	56.5	56.8	56.9	56.3	55.6	55.2	53.9	54.9	54.1	54.2	54.7	54.6	54.0
Service-producing	130.8	131.8	131.8	131.3	132.4	134.5	133.4	133.8	134.9	133.4	134.7	134.8	135.0
Transportation and public utilities	114.3	116.1	115.7	116.1	115.5	116.6	115.3	115.9	116.8	115.3	116.5	116.2	115.6
Wholesale trade	113.7	114.5	114.8	114.7	114.7	116.1	115.2	115.6	115.7	114.6	115.6	115.8	115.6
Retail trade	121.5	122.0	122.3	119.9	122.6	124.0	123.3	123.5	124.0	123.6	124.2	123.7	123.6
Finance, insurance, and real estate	116.7	117.9	117.2	116.9	117.2	120.0	117.9	117.3	120.7	118.4	119.7	119.7	119.8
Services	151.3	152.5	152.5	152.9	154.0	156.7	155.6	156.4	157.7	155.5	157.6	158.0	158.8

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

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1992 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1989 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
SEASONALLY ADJUSTED**

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

Industry	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^p	Dec. ^p
Average hourly earnings													
Total private (in current dollars)	\$10.68	\$10.73	\$10.74	\$10.78	\$10.77	\$10.82	\$10.81	\$10.81	\$10.86	\$10.86	\$10.92	\$10.93	\$10.95
Mining	14.57	14.58	14.55	14.64	14.84	14.76	14.59	14.51	14.53	14.50	14.61	14.49	14.66
Construction	14.21	14.19	14.22	14.28	14.28	14.34	14.32	14.39	14.39	14.39	14.41	14.45	14.38
Manufacturing	11.58	11.61	11.64	11.66	11.71	11.71	11.72	11.72	11.77	11.84	11.83	11.88	11.94
Excluding overtime²	11.06	11.08	11.10	11.13	11.13	11.15	11.17	11.19	11.22	11.27	11.26	11.29	11.33
Transportation and public utilities	13.55	13.57	13.58	13.64	13.61	13.62	13.65	13.66	13.65	13.63	13.67	13.68	13.74
Wholesale trade	11.46	11.57	11.57	11.59	11.67	11.74	11.68	11.73	11.80	11.76	11.84	11.78	11.79
Retail trade	7.21	7.23	7.25	7.27	7.25	7.29	7.28	7.30	7.29	7.35	7.34	7.36	7.36
Finance, insurance, and real estate	10.99	11.09	11.09	11.11	11.15	11.34	11.26	11.30	11.48	11.38	11.51	11.54	11.55
Services	10.67	10.75	10.75	10.76	10.73	10.80	10.78	10.77	10.83	10.84	10.89	10.91	10.89
Total private (in constant dollars)³	7.40	7.40	7.38	7.39	7.36	7.39	7.38	7.37	7.39	7.39	7.40	7.40	(*)
Average weekly earnings													
Total private:													
In current dollars	366.32	370.19	369.46	368.68	370.49	375.45	371.86	372.95	376.84	372.50	376.74	378.18	378.87
In constant (1982) dollars ³	253.68	255.30	253.92	252.87	253.24	256.28	253.83	254.40	256.53	253.57	255.24	255.87	(*)

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.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1992 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1989 forward are subject to revision.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Alabama	41.9	41.8	41.9	\$10.07	\$10.56	\$10.57	\$421.93	\$441.41	\$442.88
Birmingham	41.8	42.8	43.1	10.69	11.40	11.44	446.84	487.92	493.06
Mobile	43.8	42.4	44.2	12.53	12.92	12.97	548.81	547.81	573.27
Alaska	42.0	45.1	40.2	12.37	12.11	12.89	519.54	546.16	518.18
Arizona	41.2	41.0	41.2	10.99	11.07	11.11	452.79	453.87	457.73
Arkansas	41.1	42.0	41.7	9.12	9.36	9.40	374.83	393.12	391.98
Fayetteville-Springdale	43.1	41.9	43.3	8.72	8.75	8.59	375.83	366.83	371.95
Fort Smith	40.4	41.3	41.2	9.28	9.82	9.64	374.91	397.31	397.17
Little Rock-North Little Rock	41.1	42.4	41.6	9.59	9.75	9.76	394.15	413.40	406.02
Pine Bluff	42.6	43.3	43.3	10.63	10.91	10.96	452.84	472.40	474.57
California	41.1	41.2	41.3	12.23	12.38	12.46	502.65	510.06	514.80
Anaheim-Santa Ana	41.0	40.8	41.3	12.36	12.66	12.74	506.76	516.53	526.16
Bakersfield	39.6	40.2	39.6	12.40	12.48	12.69	491.04	501.70	502.52
Fresno	41.1	41.0	40.7	9.79	10.36	10.47	402.37	424.76	426.13
Los Angeles-Long Beach	41.7	41.8	42.3	11.48	11.46	11.56	478.72	479.03	488.99
Modesto	41.4	40.6	39.7	11.81	11.65	12.02	488.93	472.99	477.19
Oakland	40.6	40.7	41.2	14.29	14.84	15.33	580.17	603.99	631.60
Oxnard-Ventura	41.1	41.3	41.5	11.42	11.68	12.32	469.36	482.38	511.28
Riverside-San Bernardino	41.1	41.5	41.5	11.37	11.55	11.49	467.31	479.33	476.84
Sacramento	39.9	40.7	40.9	12.90	13.01	13.09	514.71	529.51	535.38
Salinas-Seaside-Monterey	40.0	39.9	40.8	12.42	12.74	12.96	496.80	508.33	528.77
San Diego	40.1	40.2	40.2	12.50	12.70	12.70	501.25	510.54	510.54
San Francisco	40.3	39.1	39.0	13.15	13.56	13.62	529.95	530.20	531.18
San Jose	41.7	41.1	41.8	14.85	15.19	15.14	619.25	624.31	632.85
Santa Barbara-Santa Maria-Lompoc	41.0	39.0	39.9	12.82	13.19	13.33	525.62	514.41	531.87
Santa Rosa-Petaluma	39.7	39.0	38.4	12.88	13.44	13.65	511.34	524.16	524.16
Stockton	41.7	42.8	42.1	12.04	12.17	12.50	502.07	520.88	526.25
Vallejo-Fairfield-Napa	39.7	41.4	39.6	14.34	14.24	13.99	569.30	589.54	554.00
Colorado	41.7	41.2	41.0	11.32	12.25	12.17	472.04	504.70	498.97
Denver	41.9	42.2	42.1	12.53	13.03	12.82	525.01	549.87	539.72
Connecticut	42.0	41.7	42.2	12.66	13.04	13.26	531.72	543.77	559.57
Bridgeport-Milford	43.1	42.1	43.1	13.33	13.67	13.55	574.52	575.51	584.01
Hartford	41.9	41.3	42.0	13.65	13.93	14.18	571.94	575.31	595.56
New Britain	41.6	43.1	44.3	13.20	13.43	13.61	549.12	578.83	602.92
New Haven-Meriden	40.4	41.1	40.7	12.30	12.67	13.15	496.92	520.74	535.21
Stamford	41.4	41.3	40.2	11.44	11.39	11.91	473.62	470.41	478.78
Waterbury	43.3	43.8	44.0	11.58	11.74	11.76	501.41	514.21	517.44
Delaware	40.6	43.3	43.7	12.48	13.29	13.69	506.69	575.46	598.25
Wilmington	41.7	44.6	45.5	14.97	15.67	15.99	624.25	698.88	727.55
District of Columbia:									
Washington MSA	39.7	40.4	40.9	14.07	14.04	14.00	558.58	567.22	572.60
Florida	41.7	41.3	42.2	9.71	9.85	9.86	404.91	406.81	416.09
Georgia	41.9	42.5	42.3	9.98	10.16	10.21	418.16	431.80	431.88
Atlanta	41.7	42.2	41.9	11.22	11.53	11.51	467.87	486.57	482.27
Savannah	47.4	47.1	46.8	13.17	13.24	13.37	624.26	623.60	625.72
Hawaii	41.7	40.8	40.1	11.70	11.89	11.95	487.89	485.11	479.20
Honolulu	40.9	37.9	38.4	12.38	12.61	12.57	506.34	477.92	482.69
Idaho	38.9	41.0	40.3	11.22	11.84	11.82	436.46	485.44	476.35
Illinois	41.6	41.5	41.6	11.95	12.11	12.15	497.12	502.57	505.44
Aurora-Elgin	42.1	42.3	41.0	11.76	12.14	12.12	495.10	513.52	496.92
Bloomington-Normal	40.2	43.1	43.9	15.17	16.31	16.18	609.83	702.96	710.30
Champaign-Urbana-Rantoul	40.8	41.1	41.2	10.71	10.54	10.57	436.97	433.19	435.48
Chicago	41.1	41.5	41.5	11.72	11.93	11.94	481.69	495.10	495.51
Davenport-Rock Island-Moline	41.0	42.0	42.6	14.00	14.12	14.09	574.00	593.04	600.23
Decatur	42.2	42.0	40.2	14.84	15.01	15.09	626.25	630.42	606.62
Joliet	41.9	41.1	41.1	13.75	13.85	13.95	576.13	569.24	573.35
Kankakee	40.1	41.5	42.4	12.23	13.09	13.22	490.42	543.24	560.53
Lake County	40.7	41.2	41.2	11.64	12.31	12.39	473.75	507.17	510.47
Peoria	42.4	41.7	41.2	15.11	14.77	14.84	640.66	615.91	611.41
Rockford	41.4	41.6	41.7	12.97	12.98	13.16	536.96	539.97	548.77
Springfield	39.0	39.5	39.3	11.61	11.94	11.89	452.79	471.63	467.28

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Indiana	42.2	43.3	43.4	\$12.92	\$13.26	\$13.27	\$545.22	\$574.16	\$575.92
Anderson	39.4	45.7	45.9	17.66	18.50	18.59	695.80	845.45	853.28
Bloomington	45.0	40.3	40.3	12.67	10.74	10.93	570.15	432.82	440.48
Eikhart-Goshen	40.1	39.4	39.2	10.83	11.42	11.06	434.28	449.95	433.55
Evansville	42.6	43.0	42.8	12.19	13.36	13.21	519.29	574.48	565.39
Fort Wayne	40.7	42.9	42.6	13.37	13.60	13.74	544.16	583.44	585.32
Gary-Hammond	43.0	43.7	43.4	16.84	17.24	17.72	724.12	753.39	769.05
Indianapolis	43.5	44.4	45.0	13.65	13.76	13.76	593.78	610.94	619.20
Kokomo	39.4	45.1	44.5	17.27	18.35	18.67	680.44	827.59	830.82
Lafayette-West Lafayette	43.4	42.4	41.7	13.38	13.04	13.15	580.69	552.90	548.36
Muncie	43.5	45.8	46.2	13.75	13.80	14.08	598.13	632.04	650.50
South Bend-Mishawaka	41.2	43.0	41.0	11.78	11.95	12.19	485.34	513.85	499.79
Terre Haute	45.1	44.3	43.4	12.09	12.89	12.90	545.26	571.03	559.86
Iowa	42.0	42.4	42.5	12.10	12.31	12.35	508.20	521.94	524.88
Cedar Rapids	43.5	42.9	43.8	14.61	15.18	14.87	635.54	651.22	651.31
Des Moines	41.6	40.3	40.9	12.56	13.49	13.48	522.50	543.65	551.33
Dubuque	41.1	40.5	41.4	12.49	12.55	12.46	513.34	508.28	515.84
Sioux City	41.4	41.1	41.5	9.88	9.79	9.90	409.03	402.37	410.85
Kansas	41.6	42.1	42.3	11.90	12.12	12.08	495.04	510.25	510.98
Topeka	43.1	43.4	45.4	14.45	14.19	14.20	622.80	615.85	644.68
Wichita	41.5	40.1	40.6	13.90	13.99	13.89	576.85	561.00	563.93
Kentucky	40.4	40.8	41.1	11.30	11.62	11.64	456.52	474.10	478.40
Lexington-Fayette	41.4	42.3	42.5	12.20	12.24	12.14	505.08	517.75	515.95
Louisville	41.4	42.1	42.3	12.93	13.60	13.64	535.30	572.56	576.97
Louisiana	43.0	43.2	43.1	12.42	12.80	12.83	534.06	552.96	552.97
Baton Rouge	45.2	43.8	43.8	14.46	15.20	15.13	653.59	665.76	662.69
New Orleans	41.6	43.3	42.5	12.19	13.02	12.72	507.10	563.77	540.60
Shreveport	40.7	45.0	44.4	14.35	14.20	14.35	584.05	639.00	637.14
Maine	40.4	41.2	41.1	11.42	11.70	11.67	461.37	482.04	479.64
Lewiston-Auburn	41.2	43.3	43.6	9.58	9.59	9.99	394.70	415.25	435.56
Portland	38.3	39.2	39.1	10.55	10.63	10.78	404.07	416.70	421.50
Maryland	41.4	41.6	42.0	12.71	12.92	12.87	526.19	537.47	540.54
Baltimore MSA	41.4	41.6	42.3	13.35	13.59	13.49	552.69	565.34	570.63
Massachusetts	41.3	41.1	41.5	12.30	12.41	12.44	507.99	510.05	516.26
Boston	40.9	40.8	41.0	13.14	13.28	13.26	537.43	541.82	543.66
Springfield	39.5	41.2	41.5	12.01	12.25	12.24	474.40	504.70	507.96
Worcester	42.0	41.5	41.9	11.63	11.58	11.57	488.46	480.57	484.78
Michigan	42.0	44.0	44.3	14.82	15.50	15.72	622.44	682.00	696.40
Ann Arbor	42.5	44.2	44.5	16.12	17.01	16.96	685.10	751.84	754.72
Battle Creek	44.3	44.4	44.3	15.45	16.59	16.72	684.43	736.60	740.70
Detroit	42.9	45.4	46.0	16.01	16.77	17.01	686.83	761.36	782.46
Flint	39.7	45.0	45.3	18.70	20.64	20.77	742.39	928.80	940.88
Grand Rapids	41.3	42.7	43.1	12.31	12.83	12.95	508.40	547.84	558.14
Jackson	44.5	44.2	44.5	10.93	11.25	11.29	486.38	497.25	502.40
Kalamazoo	42.8	44.4	44.6	14.53	14.85	15.11	621.88	659.34	673.91
Lansing-East Lansing	42.8	41.4	41.3	16.02	18.00	18.06	685.66	745.20	745.88
Muskegon	41.1	41.5	42.5	12.18	12.42	12.38	500.60	515.43	526.15
Saginaw-Bay City-Midland	41.8	42.9	42.7	16.75	17.54	18.11	700.15	752.47	773.30
Minnesota	41.2	41.7	41.5	12.06	12.33	12.38	496.87	514.16	513.77
Duluth	42.0	42.0	40.4	11.69	11.51	11.34	490.98	483.42	458.14
Minneapolis-St. Paul	41.2	41.7	41.6	12.83	13.17	13.17	528.60	549.19	547.87
St. Cloud	39.8	39.1	38.4	10.56	10.93	11.09	420.29	427.36	425.86
Mississippi	41.0	41.6	42.1	9.01	9.20	9.25	369.41	382.72	389.43
Jackson	40.8	40.5	41.8	9.53	9.86	9.99	388.82	399.33	417.58
Missouri	40.6	42.0	41.6	11.33	11.61	11.57	460.00	487.62	481.31
Kansas City	41.0	43.4	43.8	13.18	13.78	13.72	540.38	598.05	600.94
St. Louis	41.9	42.8	42.3	13.79	13.74	13.68	577.80	588.07	578.66
Springfield	40.2	40.9	40.6	10.00	9.99	9.90	402.00	408.59	401.94
Montana	38.8	39.1	39.2	12.33	12.47	12.34	478.40	487.58	483.73

See footnotes at end of table.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Nebraska	41.8	42.2	42.6	\$10.28	\$10.51	\$10.55	\$429.70	\$443.52	\$449.43
Lincoln	41.2	43.5	43.0	11.51	12.06	12.13	474.21	524.81	521.59
Omaha	41.5	42.8	42.3	10.66	11.01	11.02	442.39	471.23	466.15
Nevada	41.5	41.0	41.5	11.65	11.69	11.42	483.48	479.29	473.93
Las Vegas	43.8	42.4	42.7	13.07	13.20	13.22	572.47	559.68	564.49
New Hampshire	41.8	41.8	41.9	11.47	11.67	11.68	479.45	487.81	489.39
Manchester	42.3	42.1	42.9	11.19	11.14	11.13	473.34	468.99	477.48
Nashua	44.7	42.8	43.2	14.67	14.91	14.81	655.75	635.17	639.79
Portsmouth-Dover-Rochester	42.0	41.4	41.6	11.20	11.37	11.51	470.40	470.72	478.82
New Jersey	41.9	41.6	42.1	12.67	13.07	13.12	530.87	543.71	552.35
New Mexico	40.4	41.7	41.8	9.59	9.82	10.06	387.44	409.49	420.51
Albuquerque	40.6	41.3	41.8	10.03	10.45	10.47	407.22	431.59	437.65
New York	40.8	40.4	41.0	11.78	12.03	12.05	480.82	486.01	494.05
Albany-Schenectady-Troy	41.8	41.8	41.9	13.31	13.90	14.00	553.70	581.02	588.60
Binghamton	40.2	41.7	41.1	9.77	9.73	9.76	392.75	405.74	401.14
Buffalo	42.9	43.4	44.0	14.23	14.74	14.81	610.47	639.72	651.64
Elmira	41.9	43.0	42.7	11.15	11.22	11.15	467.19	482.46	476.11
Nassau-Suffolk	41.2	40.2	40.4	11.41	11.31	11.27	470.09	454.66	455.31
New York PMSA	38.4	37.9	38.2	10.44	10.93	10.89	400.90	414.25	416.00
New York City	38.1	37.5	37.7	10.17	10.64	10.61	387.48	399.00	400.00
Niagara Falls	41.2	41.2	42.8	15.04	15.46	15.47	619.85	636.95	662.12
Orange County	41.3	40.6	40.5	10.58	10.55	10.56	436.13	428.33	427.68
Poughkeepsie	40.8	40.2	40.1	10.61	10.78	10.66	432.89	433.38	427.47
Rochester	41.8	40.9	42.8	13.70	13.89	13.75	572.66	568.10	585.75
Rockland County	44.4	42.0	42.3	13.76	13.92	13.92	610.94	584.64	588.82
Syracuse	41.7	41.9	43.4	13.37	13.34	13.46	557.53	558.95	584.16
Utica-Rome	41.5	42.6	43.2	10.93	10.89	10.93	453.60	463.91	472.18
Westchester County	39.8	40.8	41.3	12.28	12.27	12.13	488.74	500.62	500.97
North Carolina	41.3	41.1	41.4	9.65	9.86	9.87	398.55	405.25	408.82
Asheville	41.6	40.9	41.3	9.72	9.92	9.97	404.35	405.73	411.76
Charlotte-Gastonia-Rock Hill	41.4	41.0	41.2	10.30	10.41	10.38	426.42	426.81	427.66
Greensboro-Winston-Salem-High Point	40.7	39.7	40.2	10.50	10.68	10.70	427.35	424.00	430.14
Raleigh-Durham	41.7	40.8	40.6	10.59	11.05	11.06	441.80	450.84	449.04
North Dakota	39.7	42.3	41.0	9.58	9.83	10.32	380.33	415.81	423.12
Fargo-Moorhead	39.5	41.9	36.3	9.07	9.14	9.54	358.27	382.97	346.30
Ohio	42.7	43.0	43.7	13.71	14.11	14.28	585.42	606.73	624.04
Akron	42.4	43.6	44.0	12.60	12.95	13.06	534.24	564.62	574.64
Canton	41.3	41.4	41.4	12.23	12.37	12.44	505.10	512.12	515.02
Cincinnati	42.3	42.8	43.4	12.97	13.14	13.26	548.63	562.39	575.48
Cleveland	42.7	42.8	43.5	13.06	13.42	13.54	557.66	574.38	588.99
Columbus	42.5	42.2	42.2	13.49	13.69	13.75	573.33	577.72	580.25
Dayton-Springfield	43.0	43.4	44.3	14.88	15.48	15.72	639.84	671.83	696.40
Toledo	43.1	44.3	44.5	14.91	15.48	15.52	642.62	665.76	690.64
Youngstown-Warren	42.5	42.8	43.8	16.07	16.72	16.88	682.98	715.62	739.34
Oklahoma	41.7	41.5	42.7	11.25	11.50	11.62	469.13	477.25	496.17
Oklahoma City	44.5	43.2	42.9	11.34	12.47	12.74	504.63	538.70	546.55
Tulsa	42.5	41.2	42.6	11.97	12.07	11.98	508.73	497.28	510.35
Oregon	39.7	40.0	39.7	12.16	12.06	12.22	482.75	482.40	485.13
Eugene-Springfield	39.1	40.3	40.9	12.19	12.13	12.08	476.63	488.84	494.07
Medford	39.6	40.2	40.7	11.55	11.69	11.48	457.38	469.94	487.24
Portland	40.4	40.8	41.2	12.55	12.40	12.42	507.02	505.92	511.70
Salem	35.6	40.2	38.5	10.34	9.67	10.48	368.10	388.73	403.48
Pennsylvania	41.8	41.5	42.1	11.97	12.23	12.30	500.35	507.55	517.83
Allentown-Bethlehem	41.0	41.7	42.2	11.93	12.14	12.13	489.13	506.24	511.89
Altoona	40.3	40.8	41.5	10.09	10.12	10.09	406.63	412.90	418.74
Beaver County	46.1	45.6	46.0	11.78	12.07	12.14	543.06	550.39	558.44
Erie	44.6	43.9	44.9	12.76	12.98	13.08	569.10	569.82	587.29
Harrisburg-Lebanon-Carlisle	40.8	40.4	40.5	11.48	11.57	11.65	468.38	467.43	471.83
Johnstown	39.4	40.2	40.7	9.03	9.28	9.35	355.78	373.06	380.55

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Nov. 1992	Oct. 1993	Nov. 1993 ¹	Nov. 1992	Oct. 1993	Nov. 1993 ¹	Nov. 1992	Oct. 1993	Nov. 1993 ¹
Pennsylvania—Continued									
Lancaster	41.8	41.2	42.2	\$11.57	\$12.08	\$12.18	\$483.63	\$497.70	\$514.00
Philadelphia PMSA	41.2	41.3	41.9	13.12	13.47	13.56	540.54	556.31	568.16
Pittsburgh	42.6	42.0	42.6	12.55	13.04	13.16	534.63	547.68	560.62
Reading	42.3	41.9	42.3	12.45	12.82	12.99	526.64	537.16	549.48
Scranton-Wilkes-Barre	40.3	39.2	39.9	10.61	10.80	10.73	427.58	423.36	428.13
Sharon	44.3	44.3	44.6	12.05	12.51	12.66	533.82	554.19	564.64
State College	39.9	40.0	39.7	10.44	10.42	10.56	416.56	416.80	419.23
Williamsport	43.0	42.5	43.0	10.45	10.71	10.92	449.35	455.18	469.56
York	43.0	43.0	42.2	11.72	11.81	11.80	503.96	507.83	497.96
Rhode Island									
Pawtucket-Woonsocket-Attleboro	40.7	39.5	40.7	10.17	10.20	10.19	413.92	402.90	414.73
Providence	40.6	40.4	40.2	9.90	9.60	9.89	401.94	387.84	397.58
Providence	40.8	39.1	40.8	10.41	10.41	10.33	424.73	407.03	421.46
South Carolina									
.....	41.9	41.6	41.9	9.60	9.87	9.89	402.24	410.59	414.39
South Dakota									
Rapid City	42.0	40.8	41.0	8.76	8.99	9.06	367.92	366.79	371.46
Rapid City	43.8	40.0	41.6	8.97	9.14	9.28	392.89	365.60	386.05
Sioux Falls	41.7	39.2	39.9	9.05	9.58	9.61	377.39	375.54	383.44
Tennessee									
Chattanooga	40.9	40.6	40.7	10.23	10.31	10.32	418.41	418.59	420.02
Chattanooga	41.8	40.4	40.4	9.55	9.88	9.89	399.19	399.15	399.56
Johnson City-Kingsport-Bristol	39.0	39.9	40.5	11.01	10.05	10.12	429.39	401.00	409.86
Knoxville	40.0	40.0	40.6	10.12	9.95	10.03	404.80	398.00	407.22
Memphis	41.5	41.2	41.3	10.65	10.70	10.72	441.98	440.84	442.74
Nashville	40.8	41.8	42.1	11.32	11.41	11.50	461.86	476.94	484.15
Texas									
Dallas	42.9	43.2	43.2	10.96	11.09	11.10	470.18	479.09	479.52
Dallas	42.5	43.6	43.7	10.69	10.79	10.86	454.33	470.44	474.58
Ft. Worth-Arlington	42.2	43.4	43.1	11.80	11.99	11.92	497.96	520.37	513.75
Houston	45.3	44.3	44.2	13.47	13.35	13.27	610.19	591.41	586.53
San Antonio	42.3	41.6	41.5	8.49	8.65	8.68	359.13	359.84	360.22
Utah									
Salt Lake City-Ogden	41.3	40.0	39.9	11.15	11.30	11.32	460.50	452.00	451.67
Salt Lake City-Ogden	41.1	40.7	40.7	11.50	11.59	11.60	472.65	471.71	472.12
Vermont									
Burlington	41.7	40.7	40.7	11.54	11.68	11.70	481.22	475.38	476.19
Burlington	40.2	40.4	42.1	11.84	11.81	12.16	475.97	477.12	511.94
Virginia									
Bristol	41.4	41.3	41.9	10.84	10.92	11.09	448.78	451.00	464.67
Bristol	39.7	41.5	42.7	9.33	9.45	9.93	370.40	392.18	424.01
Charlottesville	39.6	43.0	43.1	9.70	9.83	9.77	384.12	422.69	421.09
Danville	42.6	42.3	43.4	10.65	10.82	10.89	453.69	457.69	472.63
Lynchburg	42.1	42.0	44.1	10.74	10.92	11.20	452.15	458.64	493.92
Northern Virginia	41.5	40.9	41.5	13.18	13.82	13.89	546.97	565.24	576.44
Richmond-Petersburg	42.6	42.1	42.6	13.68	13.68	13.94	582.77	575.93	593.84
Roanoke	42.6	42.5	43.6	12.53	12.59	12.58	533.78	535.08	548.49
Washington									
.....	40.0	40.5	40.4	13.65	13.93	14.05	546.00	564.17	567.62
West Virginia									
Charleston	40.9	41.2	41.8	12.20	12.31	12.39	498.98	507.17	517.90
Charleston	43.5	48.5	48.8	15.16	14.88	14.01	659.46	721.68	683.69
Huntington-Ashland	39.6	41.8	41.1	13.77	14.33	14.51	545.29	598.99	596.36
Parkersburg-Marietta	41.9	39.1	41.4	14.65	14.82	15.17	613.84	579.46	628.04
Wheeling	43.1	37.4	39.6	14.22	13.94	14.17	612.88	521.36	561.13
Wisconsin									
Appleton-Oshkosh	42.6	42.5	43.0	12.08	12.27	12.34	514.61	521.48	530.62
Appleton-Oshkosh	43.6	44.1	45.1	13.07	13.16	13.17	569.85	580.36	593.97
Eau Claire	41.1	42.3	43.0	12.53	12.19	12.31	514.98	515.64	529.33
Green Bay	43.0	42.2	42.5	12.76	13.04	13.25	548.68	550.29	563.13
Janesville-Beloit	45.2	45.8	47.0	16.07	16.24	16.38	726.36	743.79	769.86
Kenosha	41.2	39.7	40.8	12.43	13.15	13.57	512.12	522.06	553.66
La Crosse	40.6	41.3	40.8	9.85	10.61	10.81	399.91	438.19	441.05
Madison	42.4	42.2	41.2	11.00	11.57	11.53	466.40	488.25	475.04
Milwaukee	42.6	41.8	42.4	13.03	13.31	13.28	555.08	556.36	563.07
Racine	41.4	41.5	41.9	12.04	12.65	13.04	498.46	524.98	546.38
Sheboygan	40.4	44.2	44.3	11.88	12.46	12.44	479.95	550.73	551.09
Wausau	42.0	43.5	43.1	11.39	11.59	11.48	478.38	504.17	494.79
Wyoming									
.....	38.6	40.4	38.8	11.24	10.96	11.24	433.86	442.78	436.11
Puerto Rico									
.....	40.4	40.0	40.4	6.83	7.14	7.17	275.93	285.80	289.67
Virgin Islands									
.....	43.4	43.9	45.2	14.10	15.18	15.46	611.94	666.40	698.79

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 1992 benchmarks.

C-9. Nonfarm employee hours by major industry, seasonally adjusted

Industry	Millions of hours (annual rate) ¹			Percent change		
	Oct. 1993 ^r	Nov. 1993 ^r	Dec. 1993 ^p	Dec. 1992 to Dec. 1993 ^p	Oct. 1993 to Nov. 1993 ^r	Nov. 1993 to Dec. 1993 ^p
Total	205,260	205,189	205,772	1.9	.0	.3
Private sector	167,157	167,561	167,601	2.1	.2	.0
Mining	1,398	1,361	1,392	-.3	-2.7	2.3
Construction	9,219	9,457	9,430	7.9	2.6	-.3
Manufacturing	38,087	38,196	38,204	-.2	.3	.0
Durable goods	21,739	21,844	21,676	.1	.5	.1
Nondurable goods	16,348	16,352	16,326	-.5	.0	-.1
Transportation and public utilities	11,835	11,804	11,748	1.0	-.3	-.5
Wholesale trade	12,161	12,173	12,161	.9	.1	-.1
Retail trade	29,825	29,702	29,750	.9	-.4	.2
Finance, insurance, and real estate	12,392	12,410	12,329	1.0	.1	-.7
Services	52,242	52,459	52,587	4.4	.4	.2
Government	38,103	37,628	38,171	1.3	-1.2	1.4

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).

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

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

(1982=100)

Item	Annual average		Quarterly index										
	1991	1992	1991				1992				1993		
			I	II	III	IV	I	II	III	IV	I	II	III
Business sector													
Output per hour of all persons.....	111.8	115.5	110.9	111.6	111.8	112.8	114.1	114.8	116.0	117.1	116.6	116.6	117.6
Output.....	131.6	135.4	131.0	131.5	131.5	132.4	133.3	134.5	136.0	137.9	138.0	139.3	140.5
Hours.....	117.7	117.3	118.1	117.8	117.6	117.3	116.8	117.1	117.2	117.7	118.3	119.5	119.4
Compensation per hour.....	147.4	154.9	144.9	146.6	148.2	150.1	152.2	153.7	156.1	157.8	159.1	160.1	161.6
Real compensation per hour.....	104.5	106.5	103.6	104.2	104.7	105.2	105.8	106.0	106.9	107.3	107.1	107.0	107.7
Unit labor costs.....	131.9	134.1	130.6	131.4	132.6	133.1	133.4	133.9	134.5	134.8	136.4	137.3	137.4
Unit nonlabor payments.....	144.7	149.6	143.3	145.0	144.9	145.7	148.5	149.9	147.3	152.6	152.1	153.1	154.2
Implicit price deflator.....	136.1	139.2	134.8	135.8	136.6	137.2	138.3	139.1	138.7	140.6	141.6	142.5	142.9
Nonfarm business sector													
Output per hour of all persons.....	110.3	113.7	109.4	110.2	110.4	111.3	112.4	113.1	114.1	115.3	114.8	114.7	115.9
Output.....	131.8	135.4	131.2	131.7	131.8	132.6	133.3	134.4	135.9	137.9	138.1	139.5	141.0
Hours.....	119.5	119.1	119.9	119.5	119.4	119.2	118.7	118.8	119.0	119.6	120.3	121.6	121.7
Compensation per hour.....	146.2	153.7	143.7	145.4	147.1	148.8	150.9	152.6	154.8	156.6	157.7	158.4	159.9
Real compensation per hour.....	103.6	105.7	102.7	103.4	103.9	104.3	104.8	105.2	106.0	106.4	106.2	105.9	106.6
Unit labor costs.....	132.6	135.1	131.3	132.0	133.2	133.7	134.3	134.9	135.6	135.8	137.4	138.2	138.0
Unit nonlabor payments.....	146.2	151.1	144.8	146.1	146.4	147.7	149.8	151.5	148.7	154.4	153.8	154.8	156.6
Implicit price deflator.....	137.0	140.3	135.7	136.6	137.5	138.2	139.3	140.2	139.8	141.8	142.7	143.5	144.0
Manufacturing													
Output per hour of all persons.....	124.5	129.9	122.7	123.9	125.5	126.2	127.5	129.1	130.2	132.4	134.1	136.0	137.1
Output.....	127.8	131.8	126.4	126.7	128.7	129.2	129.8	131.5	131.9	134.1	136.3	137.4	138.3
Hours.....	102.6	101.5	103.0	102.3	102.6	102.3	101.8	101.9	101.3	101.2	101.6	101.0	100.9
Compensation per hour.....	141.9	148.1	139.3	141.1	142.6	145.0	145.4	147.1	148.7	150.8	149.9	151.7	152.9
Real compensation per hour.....	100.5	101.9	99.5	100.3	100.7	101.6	101.0	101.5	101.9	102.5	100.9	101.4	102.0
Unit labor costs.....	114.0	114.0	113.5	113.9	113.6	114.8	114.1	114.0	114.2	113.9	111.8	111.5	111.6
Durable goods													
Output per hour of all persons.....	133.3	142.1	130.5	131.9	134.6	136.5	137.9	140.9	142.7	146.3	149.3	152.3	153.8
Output.....	134.3	140.2	132.4	132.9	135.4	136.4	137.2	139.6	140.3	143.7	147.2	148.8	150.3
Hours.....	100.7	98.7	101.4	100.8	100.6	99.9	99.5	99.1	98.3	98.2	98.6	97.7	97.7
Compensation per hour.....	139.8	146.0	137.1	138.7	140.4	143.4	143.0	144.9	146.4	149.2	147.8	149.5	150.6
Real compensation per hour.....	99.1	100.4	98.0	98.6	99.2	100.4	99.4	99.9	100.3	101.4	99.5	99.9	100.4
Unit labor costs.....	104.9	102.8	105.0	105.2	104.4	105.0	103.7	102.8	102.6	102.0	99.0	98.1	97.9
Nondurable goods													
Output per hour of all persons.....	113.8	115.3	113.1	114.1	114.4	113.7	114.8	114.8	115.2	115.9	115.9	116.7	117.2
Output.....	119.8	121.6	119.1	119.2	120.6	120.4	120.9	121.5	121.5	122.4	122.8	123.4	123.5
Hours.....	105.3	105.4	105.3	104.5	105.3	105.8	105.2	105.9	105.5	105.5	106.0	105.7	105.4
Compensation per hour.....	146.1	152.7	143.5	145.5	147.0	148.5	150.2	151.9	153.5	154.5	154.5	156.6	158.1
Real compensation per hour.....	103.5	105.0	102.6	103.4	103.8	104.1	104.4	104.7	105.1	105.0	104.1	104.7	105.4
Unit labor costs.....	128.4	132.4	126.9	127.5	128.4	130.6	130.8	132.3	133.2	133.3	133.3	134.2	134.8
Nonfinancial corporations													
Output per all-employee hour.....	114.7	119.4	113.6	114.1	114.8	116.5	117.3	118.6	120.3	121.7	120.4	121.6	122.6
Output.....	135.4	141.0	134.6	134.5	135.3	137.2	137.9	140.0	141.9	144.3	143.3	145.7	147.3
Hours.....	118.0	118.1	118.5	117.9	117.9	117.7	117.6	118.0	117.9	118.6	119.0	119.9	120.1
Compensation per hour.....	143.8	150.4	141.5	143.0	144.6	146.4	147.9	149.5	151.6	153.0	153.9	154.8	156.1
Real compensation per hour.....	101.9	103.4	101.1	101.7	102.1	102.6	102.8	103.1	103.8	104.0	103.6	103.5	104.0
Total unit costs.....	124.4	124.3	123.7	124.3	124.9	124.5	124.7	124.3	124.7	123.7	125.4	125.0	125.0
Unit labor costs.....	125.4	126.0	124.5	125.3	125.9	125.7	126.1	126.0	126.0	125.8	127.8	127.3	127.3
Unit nonlabor costs.....	121.9	120.2	121.5	121.6	122.5	121.8	121.1	120.0	121.3	118.3	119.6	119.2	119.5
Unit profits.....	154.9	177.0	155.1	157.0	150.4	157.2	164.1	175.5	172.4	195.3	182.8	193.9	193.0
Implicit price deflator.....	126.3	127.8	125.6	126.3	126.5	126.6	127.1	127.5	127.6	128.1	129.0	129.3	129.3

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

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

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

Item	Percent change from											
	Previous quarter						Same quarter, previous year					
	II 1992	III 1992	IV 1992	I 1993	II 1993	III 1993	II 1992	III 1992	IV 1992	I 1993	II 1993	III 1993
Business sector												
Output per hour of all persons.....	2.5	4.2	3.8	-1.6	.0	3.6	2.9	3.8	3.8	2.2	1.6	1.4
Output.....	3.4	4.6	5.6	.5	3.8	3.5	2.3	3.4	4.1	3.5	3.6	3.3
Hours.....	1.0	.4	1.8	2.1	3.8	-1	-8	-4	.3	1.3	2.0	1.9
Compensation per hour.....	4.1	6.2	4.6	3.3	2.5	3.9	4.8	5.3	5.1	4.5	4.1	3.6
Real compensation per hour.....	.9	3.4	1.4	-5	-4	2.7	1.7	2.1	2.0	1.3	1.0	.8
Unit labor costs.....	1.6	1.9	.7	5.0	2.5	.3	1.9	1.4	1.3	2.3	2.5	2.1
Unit nonlabor payments.....	3.9	-6.7	15.2	-1.4	2.6	2.9	3.4	1.7	4.7	2.4	2.1	4.7
Implicit price deflator.....	2.4	-1.2	5.6	2.7	2.6	1.2	2.4	1.5	2.5	2.3	2.4	3.0
Nonfarm business sector												
Output per hour of all persons.....	2.8	3.6	4.2	-1.8	-4	4.3	2.7	3.4	3.6	2.1	1.3	1.5
Output.....	3.3	4.4	6.0	.6	4.0	4.4	2.1	3.1	3.9	3.6	3.8	3.8
Hours.....	.5	.8	1.6	2.5	4.4	.1	-6	-3	.3	1.4	2.4	2.2
Compensation per hour.....	4.7	5.9	4.6	2.9	1.9	3.7	4.9	5.3	5.2	4.5	3.8	3.3
Real compensation per hour.....	1.5	3.1	1.4	-9	-1.0	2.5	1.8	2.1	2.1	1.3	.6	.5
Unit labor costs.....	1.8	2.2	.4	4.8	2.3	-6	2.2	1.8	1.5	2.3	2.4	1.7
Unit nonlabor payments.....	4.5	-7.2	16.2	-1.6	2.8	4.6	3.7	1.6	4.5	2.6	2.2	5.3
Implicit price deflator.....	2.7	-1.1	5.6	2.5	2.4	1.2	2.7	1.7	2.6	2.4	2.3	2.9
Manufacturing												
Output per hour of all persons.....	5.0	3.6	7.0	5.1	5.9	3.1	4.2	3.8	4.9	5.2	5.4	5.3
Output.....	5.2	1.2	6.8	6.7	3.4	2.5	3.8	2.4	3.8	4.9	4.5	4.8
Hours.....	.2	-2.4	-2	1.5	-2.4	-6	-4	-1.3	-1.1	-2	-9	-4
Compensation per hour.....	4.9	4.2	5.8	-2.3	4.9	3.3	4.3	4.2	4.0	3.1	3.1	2.9
Real compensation per hour.....	1.7	1.5	2.5	-5.9	1.9	2.1	1.2	1.1	.9	-1	.0	.1
Unit labor costs.....	-2	.6	-1.2	-7.0	-1.0	.2	.1	.5	-9	-2.0	-2.2	-2.3
Durable goods												
Output per hour of all persons.....	9.1	5.1	10.3	8.7	8.2	4.1	6.9	6.1	7.1	8.3	8.1	7.8
Output.....	7.4	2.0	9.8	10.4	4.4	3.9	5.1	3.6	5.4	7.3	6.6	7.1
Hours.....	-1.5	-3.0	-5	1.5	-3.5	-2	-1.7	-2.3	-1.6	-9	-1.4	-7
Compensation per hour.....	5.4	4.2	7.9	-3.8	4.6	3.0	4.5	4.3	4.1	3.3	3.1	2.8
Real compensation per hour.....	2.3	1.5	4.6	-7.3	1.6	1.8	1.3	1.1	1.0	.1	.0	.1
Unit labor costs.....	-3.3	-8	-2.2	-11.5	-3.4	-1.0	-2.3	-1.7	-2.8	-4.6	-4.6	-4.6
Nondurable goods												
Output per hour of all persons.....	-2	1.5	2.5	-1	2.9	1.7	.6	.7	1.9	.9	1.7	1.7
Output.....	2.3	.0	2.7	1.5	2.0	.4	2.0	.8	1.7	1.6	1.6	1.6
Hours.....	2.5	-1.5	.2	1.6	-8	-1.3	1.4	.1	-3	.7	-2	-1
Compensation per hour.....	4.4	4.4	2.7	.0	5.6	3.7	4.4	4.4	4.0	2.9	3.1	3.0
Real compensation per hour.....	1.2	1.6	-4	-3.7	2.6	2.5	1.3	1.3	.9	-3	.0	.2
Unit labor costs.....	4.6	2.8	.2	.1	2.6	2.0	3.8	3.7	2.1	1.9	1.4	1.2
Nonfinancial corporations												
Output per all-employee hour.....	4.8	5.8	4.5	-4.0	3.9	3.5	4.0	4.8	4.4	2.7	2.5	1.9
Output.....	6.4	5.4	6.9	-2.7	7.0	4.2	4.1	4.8	5.2	3.9	4.1	3.8
Hours.....	1.6	-4	2.2	1.3	3.0	.8	.1	.1	.8	1.2	1.5	1.8
Compensation per hour.....	4.5	5.6	4.0	2.2	2.4	3.3	4.5	4.8	4.5	4.1	3.5	3.0
Real compensation per hour.....	1.4	2.8	.8	-1.6	-5	2.1	1.4	1.7	1.4	.8	.4	.2
Total unit costs.....	-1.2	1.1	-3.1	5.9	-1.4	.2	.0	-2	-7	.6	.6	.3
Unit labor costs.....	-2	-2	-5	6.4	-1.5	-1	.6	.1	.1	1.3	1.0	1.0
Unit nonlabor costs.....	-3.6	4.6	-9.7	4.3	-1.3	1.0	-1.4	-1.0	-2.8	-1.3	-7	-1.5
Unit profits.....	30.6	-6.8	64.6	-23.1	26.4	-1.7	11.8	14.6	24.2	11.4	10.5	12.0
Implicit price deflator.....	1.1	.4	1.5	2.8	.8	.0	.9	.9	1.2	1.5	1.4	1.3

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

**HOUSEHOLD DATA
REGIONS AND DIVISIONS
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Census region and division	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
NORTHEAST													
Civilian noninstitutional population ²	39,547	39,551	39,555	39,567	39,570	39,572	39,577	39,582	39,584	39,589	39,596	39,599	39,601
Civilian labor force	25,746	25,688	25,612	25,564	25,425	25,591	25,534	25,522	25,608	25,457	25,553	25,468	25,418
Employed	23,653	23,649	23,665	23,703	23,588	23,756	23,733	23,733	23,749	23,676	23,740	23,716	23,690
Unemployed	2,093	2,039	1,947	1,862	1,837	1,835	1,802	1,789	1,858	1,781	1,813	1,752	1,728
Unemployment rate	8.1	7.9	7.6	7.3	7.2	7.2	7.1	7.0	7.3	7.0	7.1	6.9	6.8
New England													
Civilian noninstitutional population ²	10,236	10,239	10,241	10,247	10,244	10,243	10,242	10,241	10,239	10,238	10,238	10,236	10,235
Civilian labor force	7,123	7,127	7,054	7,054	6,985	7,007	7,082	7,069	7,097	7,097	7,089	6,962	6,958
Employed	6,530	6,562	6,524	6,557	6,499	6,536	6,633	6,629	6,641	6,631	6,623	6,531	6,536
Unemployed	593	565	530	497	486	470	449	440	456	466	466	431	422
Unemployment rate	8.3	7.9	7.5	7.0	7.0	6.7	6.3	6.2	6.4	6.6	6.6	6.2	6.1
Middle Atlantic													
Civilian noninstitutional population ²	29,312	29,312	29,314	29,320	29,326	29,329	29,335	29,341	29,345	29,351	29,358	29,363	29,366
Civilian labor force	18,623	18,561	18,558	18,511	18,440	18,585	18,452	18,453	18,511	18,360	18,464	18,506	18,460
Employed	17,123	17,087	17,141	17,146	17,089	17,220	17,100	17,104	17,109	17,045	17,117	17,185	17,155
Unemployed	1,500	1,474	1,417	1,365	1,351	1,365	1,353	1,348	1,402	1,315	1,347	1,321	1,305
Unemployment rate	8.1	7.9	7.6	7.4	7.3	7.3	7.3	7.3	7.6	7.2	7.3	7.1	7.1
SOUTH													
Civilian noninstitutional population ²	66,186	66,241	66,302	66,372	66,447	66,520	66,598	66,677	66,750	66,832	66,911	66,989	67,057
Civilian labor force	43,249	43,099	43,460	43,417	43,239	43,569	43,525	43,422	43,641	43,539	43,746	43,935	43,912
Employed	40,313	40,176	40,667	40,465	40,315	40,774	40,639	40,551	40,783	40,915	40,891	41,217	41,351
Unemployed	2,936	2,923	2,792	2,952	2,924	2,795	2,886	2,872	2,858	2,624	2,855	2,718	2,561
Unemployment rate	6.8	6.8	6.4	6.8	6.8	6.4	6.6	6.6	6.5	6.0	6.5	6.2	5.8
South Atlantic													
Civilian noninstitutional population ²	34,317	34,355	34,396	34,441	34,480	34,516	34,555	34,596	34,632	34,672	34,712	34,751	34,786
Civilian labor force	22,577	22,588	22,815	22,729	22,679	22,746	22,722	22,594	22,675	22,645	22,737	22,799	22,868
Employed	21,140	21,100	21,360	21,226	21,199	21,356	21,257	21,135	21,208	21,350	21,318	21,501	21,558
Unemployed	1,437	1,488	1,456	1,502	1,480	1,390	1,465	1,458	1,467	1,295	1,419	1,297	1,310
Unemployment rate	6.4	6.6	6.4	6.6	6.5	6.1	6.4	6.5	6.5	5.7	6.2	5.7	5.7
East South Central													
Civilian noninstitutional population ²	11,748	11,753	11,759	11,766	11,778	11,791	11,804	11,818	11,830	11,844	11,858	11,871	11,882
Civilian labor force	7,390	7,298	7,404	7,429	7,336	7,470	7,476	7,444	7,432	7,421	7,364	7,398	7,439
Employed	6,872	6,819	6,981	6,883	6,799	6,945	6,983	6,966	6,968	6,957	6,925	6,970	7,046
Unemployed	518	479	423	546	537	525	492	478	463	463	439	428	393
Unemployment rate	7.0	6.6	5.7	7.3	7.3	7.0	6.6	6.4	6.2	6.2	6.0	5.8	5.3
West South Central													
Civilian noninstitutional population ²	20,122	20,133	20,147	20,164	20,189	20,213	20,239	20,264	20,288	20,315	20,341	20,367	20,390
Civilian labor force	13,283	13,212	13,240	13,260	13,224	13,352	13,327	13,384	13,534	13,473	13,644	13,738	13,604
Employed	12,301	12,257	12,327	12,356	12,317	12,472	12,398	12,449	12,607	12,608	12,648	12,746	12,746
Unemployed	982	955	913	904	907	880	929	935	927	865	996	992	858
Unemployment rate	7.4	7.2	6.9	6.8	6.9	6.6	7.0	7.0	6.9	6.4	7.3	7.2	6.3

See footnotes at end of table.

**HOUSEHOLD DATA
REGIONS AND DIVISIONS
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Census region and division	1992	1993											
	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MIDWEST													
Civilian noninstitutional population ²	46,014	46,028	46,042	46,064	46,095	46,123	46,155	46,191	46,219	46,253	46,287	46,317	46,346
Civilian labor force	31,373	31,316	31,208	31,190	31,153	31,488	31,663	31,679	31,776	31,616	31,767	31,844	31,967
Employed	29,430	29,374	29,224	29,315	29,216	29,483	29,662	29,830	30,034	29,745	29,854	30,023	30,148
Unemployed	1,944	1,942	1,985	1,875	1,936	2,005	2,001	1,849	1,742	1,871	1,913	1,822	1,818
Unemployment rate	6.2	6.2	6.4	6.0	6.2	6.4	6.3	5.8	5.5	5.9	6.0	5.7	5.7
East North Central													
Civilian noninstitutional population ²	32,453	32,461	32,473	32,489	32,511	32,530	32,552	32,577	32,595	32,619	32,644	32,664	32,684
Civilian labor force	21,792	21,722	21,640	21,696	21,697	21,897	21,994	22,010	22,064	21,840	21,947	22,048	22,244
Employed	20,303	20,279	20,176	20,320	20,237	20,378	20,512	20,632	20,749	20,407	20,518	20,680	20,898
Unemployed	1,489	1,443	1,464	1,376	1,461	1,520	1,482	1,378	1,316	1,433	1,429	1,368	1,346
Unemployment rate	6.8	6.6	6.8	6.3	6.7	6.9	6.7	6.3	6.0	6.6	6.5	6.2	6.1
West North Central													
Civilian noninstitutional population ²	13,562	13,567	13,569	13,575	13,584	13,593	13,603	13,614	13,624	13,633	13,643	13,653	13,662
Civilian labor force	9,581	9,594	9,568	9,494	9,455	9,591	9,669	9,668	9,712	9,776	9,819	9,797	9,722
Employed	9,127	9,095	9,048	8,995	8,980	9,106	9,150	9,197	9,285	9,338	9,336	9,343	9,250
Unemployed	454	499	521	500	476	485	519	471	427	438	484	453	472
Unemployment rate	4.7	5.2	5.4	5.3	5.0	5.1	5.4	4.9	4.4	4.5	4.9	4.6	4.9
WEST													
Civilian noninstitutional population ²	40,761	40,824	40,886	40,955	41,014	41,067	41,126	41,184	41,240	41,297	41,357	41,415	41,469
Civilian labor force	27,212	27,218	27,306	27,327	27,245	27,320	27,253	27,468	27,306	27,443	27,551	27,503	27,666
Employed	24,911	24,965	25,026	25,096	25,125	25,208	25,096	25,153	25,125	25,211	25,354	25,491	25,667
Unemployed	2,301	2,252	2,280	2,230	2,120	2,112	2,156	2,315	2,181	2,232	2,197	2,011	1,999
Unemployment rate	8.5	8.3	8.3	8.2	7.8	7.7	7.9	8.4	8.0	8.1	8.0	7.3	7.2
Mountain													
Civilian noninstitutional population ²	10,274	10,286	10,296	10,310	10,332	10,353	10,376	10,399	10,420	10,443	10,465	10,488	10,509
Civilian labor force	6,911	6,945	6,848	6,934	6,892	7,011	7,032	7,024	7,048	7,016	7,049	7,101	7,114
Employed	6,470	6,488	6,452	6,499	6,460	6,595	6,615	6,643	6,642	6,605	6,646	6,704	6,757
Unemployed	441	457	396	435	432	416	417	381	406	412	404	397	357
Unemployment rate	6.4	6.6	5.8	6.3	6.3	5.9	5.9	5.4	5.8	5.9	5.7	5.6	5.0
Pacific													
Civilian noninstitutional population ²	30,488	30,538	30,590	30,645	30,682	30,714	30,750	30,785	30,820	30,854	30,892	30,927	30,960
Civilian labor force	20,301	20,273	20,458	20,392	20,352	20,309	20,221	20,444	20,258	20,427	20,501	20,402	20,552
Employed	18,441	18,477	18,575	18,598	18,665	18,613	18,481	18,510	18,482	18,606	18,708	18,788	18,910
Unemployed	1,860	1,796	1,884	1,795	1,688	1,697	1,740	1,935	1,776	1,821	1,793	1,614	1,642
Unemployment rate	9.2	8.9	9.2	8.8	8.3	8.4	8.6	9.5	8.8	8.9	8.7	7.9	8.0

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**

D-2. Labor force status by State, seasonally adjusted

(Numbers in thousands)

State	1992		1993										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
Alabama													
Civilian labor force	1,941.7	1,932.2	1,968.1	1,970.1	1,980.9	1,943.3	1,966.0	1,966.8	1,959.2	1,958.4	1,958.3	1,941.1	1,962.4
Employed	1,809.8	1,796.9	1,812.1	1,822.7	1,825.3	1,797.4	1,824.1	1,817.8	1,808.6	1,815.8	1,815.1	1,808.2	1,811.9
Unemployed	131.9	135.3	156.0	147.4	155.6	145.9	141.9	149.0	150.5	142.5	143.2	132.9	150.6
Unemployment rate	6.8	7.0	7.9	7.5	7.9	7.5	7.2	7.6	7.7	7.3	7.3	6.8	7.7
Alaska													
Civilian labor force	263.8	263.1	264.0	263.7	267.1	265.1	269.7	270.1	268.7	267.5	270.7	270.2	275.8
Employed	240.7	241.1	241.6	242.0	247.2	243.8	246.9	248.9	247.5	246.9	252.3	250.0	256.6
Unemployed	23.1	22.0	22.4	21.6	19.9	21.3	22.8	21.2	21.3	20.6	18.4	20.2	19.2
Unemployment rate	8.8	8.4	8.5	8.2	7.5	8.1	8.5	7.9	7.9	7.7	6.8	7.5	6.9
Arizona													
Civilian labor force	1,734.7	1,742.2	1,776.9	1,730.4	1,739.3	1,718.2	1,721.1	1,712.4	1,736.4	1,750.6	1,763.3	1,773.7	1,737.8
Employed	1,608.7	1,615.7	1,639.9	1,603.6	1,613.8	1,594.5	1,612.6	1,610.0	1,640.0	1,653.0	1,660.3	1,665.8	1,635.6
Unemployed	126.0	126.5	136.9	126.9	125.6	123.8	108.5	102.4	96.4	97.6	103.0	107.9	102.2
Unemployment rate	7.3	7.3	7.7	7.3	7.2	7.2	6.3	6.0	5.6	5.6	5.6	6.1	5.9
Arkansas													
Civilian labor force	1,124.6	1,121.7	1,108.1	1,119.8	1,132.4	1,134.9	1,147.5	1,170.5	1,173.1	1,177.6	1,161.0	1,164.9	1,164.3
Employed	1,041.0	1,038.8	1,027.3	1,045.5	1,061.0	1,068.1	1,073.8	1,102.5	1,107.4	1,107.2	1,089.6	1,092.4	1,087.8
Unemployed	83.6	82.9	80.8	74.3	71.5	66.8	73.7	68.0	65.7	70.4	71.4	72.4	76.5
Unemployment rate	7.4	7.4	7.3	6.6	6.3	5.9	6.4	5.8	5.6	6.0	6.1	6.2	6.6
California¹													
Civilian labor force	15,282.9	15,365.5	15,242.3	15,405.1	15,341.8	15,329.5	15,341.8	15,202.4	15,400.3	15,186.2	15,300.4	15,378.0	15,227.6
Employed	13,757.4	13,862.5	13,801.4	13,898.8	13,894.4	14,017.4	14,003.3	13,815.6	13,896.8	13,814.5	13,867.1	13,677.6	13,917.9
Unemployed	1,525.5	1,503.0	1,440.9	1,506.4	1,447.3	1,312.2	1,338.5	1,386.8	1,503.4	1,371.7	1,433.3	1,500.4	1,309.7
Unemployment rate	10.0	9.8	9.5	9.8	9.4	8.6	8.7	9.1	9.8	9.0	9.4	9.8	8.6
Colorado													
Civilian labor force	1,768.5	1,770.0	1,802.9	1,784.6	1,794.7	1,765.3	1,775.1	1,774.4	1,797.4	1,797.9	1,825.1	1,839.6	1,625.2
Employed	1,667.8	1,670.8	1,698.3	1,683.8	1,691.0	1,671.9	1,675.0	1,678.4	1,702.6	1,702.7	1,721.0	1,745.2	1,736.6
Unemployed	100.7	99.2	104.6	101.0	103.7	93.5	100.1	96.0	94.8	95.2	104.2	94.4	88.6
Unemployment rate	5.7	5.6	5.8	5.7	5.8	5.3	5.6	5.4	5.3	5.3	5.7	5.1	4.9
Connecticut													
Civilian labor force	1,796.1	1,785.9	1,759.7	1,746.3	1,749.1	1,751.8	1,758.3	1,788.2	1,813.1	1,807.5	1,784.9	1,770.3	1,728.1
Employed	1,659.5	1,653.1	1,635.4	1,627.7	1,626.3	1,620.9	1,628.1	1,668.7	1,694.6	1,689.7	1,673.1	1,666.2	1,619.8
Unemployed	136.6	132.7	124.3	118.7	122.8	130.9	130.2	119.5	118.5	117.7	111.6	104.1	108.4
Unemployment rate	7.6	7.4	7.1	6.8	7.0	7.5	7.4	6.7	6.5	6.5	6.3	5.9	6.3
Delaware													
Civilian labor force	375.4	378.3	378.5	378.6	376.7	377.8	374.5	379.3	380.1	380.7	384.0	383.3	382.1
Employed	358.1	358.6	361.8	359.1	357.4	358.4	358.1	364.0	361.8	361.7	363.2	362.2	358.8
Unemployed	17.4	17.7	16.7	19.4	19.3	19.5	16.4	15.3	18.2	19.0	20.8	21.1	23.3
Unemployment rate	4.6	4.7	4.4	5.1	5.1	5.1	4.4	4.0	4.8	5.0	5.4	5.5	6.1
District of Columbia													
Civilian labor force	268.7	268.0	264.8	271.3	270.0	273.2	272.3	267.4	271.1	270.0	273.1	272.9	271.2
Employed	244.7	244.3	239.5	247.6	247.2	250.5	249.6	244.8	249.0	246.5	253.1	251.8	249.6
Unemployed	24.0	23.7	25.3	23.7	22.8	22.7	22.6	22.6	22.1	23.5	20.0	21.1	21.6
Unemployment rate	8.9	8.8	9.6	8.7	8.5	8.3	8.3	8.5	8.2	8.7	7.3	7.7	8.0
Florida¹													
Civilian labor force	6,572.6	6,586.1	6,643.8	6,713.9	6,667.7	6,689.9	6,790.3	6,803.3	6,686.3	6,581.5	6,634.8	6,619.9	6,761.8
Employed	6,068.1	6,109.2	6,124.8	6,262.6	6,205.8	6,246.4	6,299.4	6,324.2	6,218.7	6,112.2	6,210.2	6,152.6	6,323.3
Unemployed	504.5	476.9	519.0	451.3	461.9	443.4	490.9	479.1	469.6	469.2	424.6	467.3	438.4
Unemployment rate	7.7	7.2	7.8	6.7	6.9	6.6	7.2	7.0	7.0	7.1	6.4	7.1	6.5

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1992		1993										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
Georgia													
Civilian labor force	3,263.1	3,253.7	3,279.2	3,283.4	3,273.9	3,275.5	3,284.2	3,278.6	3,290.2	3,292.0	3,313.2	3,338.6	3,347.2
Employed	3,035.1	3,037.0	3,062.2	3,068.7	3,055.8	3,075.6	3,108.6	3,118.5	3,119.2	3,131.1	3,162.4	3,156.8	3,158.5
Unemployed	228.1	216.7	217.0	214.6	218.1	199.9	175.6	160.0	171.0	160.8	150.8	181.9	188.7
Unemployment rate	7.0	6.7	6.6	6.5	6.7	8.1	5.3	4.9	5.2	4.9	4.6	5.4	5.8
Hawaii													
Civilian labor force	577.3	577.5	576.5	569.7	570.8	578.2	576.7	575.5	560.2	579.5	578.7	579.8	578.7
Employed	548.3	550.0	549.5	542.4	543.6	549.8	549.3	549.4	552.9	553.5	554.1	557.0	555.2
Unemployed	29.0	27.6	27.0	27.3	27.2	28.4	27.4	26.0	27.3	26.1	24.6	22.7	23.5
Unemployment rate	5.0	4.8	4.7	4.8	4.8	4.9	4.8	4.5	4.7	4.5	4.2	3.9	4.1
Idaho													
Civilian labor force	522.3	520.4	520.9	516.0	513.9	509.1	520.3	520.3	525.3	531.4	533.7	538.7	537.3
Employed	489.3	488.2	486.4	482.9	477.9	473.8	483.9	486.8	493.4	500.4	501.4	507.6	507.5
Unemployed	33.0	32.2	34.5	33.1	36.0	35.5	36.4	33.6	32.0	31.0	32.3	31.2	29.8
Unemployment rate	6.3	6.2	6.6	6.4	7.0	7.0	7.0	6.5	6.1	5.8	6.0	5.8	5.5
Illinois¹													
Civilian labor force	6,137.7	6,205.2	6,060.9	6,039.0	6,069.2	8,029.9	6,171.3	6,158.6	6,131.2	6,131.5	6,091.7	6,090.8	6,135.8
Employed	5,739.2	5,773.4	5,668.2	5,559.6	5,559.6	5,540.1	5,658.8	5,664.8	5,691.0	5,663.3	5,575.4	5,618.2	5,774.7
Unemployed	398.5	431.8	392.8	479.4	509.8	489.7	512.5	493.9	440.2	468.2	516.3	472.6	360.9
Unemployment rate	6.5	7.0	6.5	7.9	8.4	8.1	8.3	8.0	7.2	7.6	8.5	7.8	5.9
Indiana													
Civilian labor force	2,830.0	2,826.5	2,799.5	2,820.4	2,853.2	2,886.8	2,888.3	2,917.3	2,991.9	3,000.9	2,987.1	2,997.7	3,005.9
Employed	2,644.5	2,644.8	2,623.6	2,648.7	2,718.7	2,721.2	2,708.4	2,741.5	2,857.0	2,871.1	2,845.4	2,869.5	2,857.9
Unemployed	185.6	181.9	176.0	171.7	134.5	165.7	179.9	175.7	134.9	129.8	141.7	128.1	148.0
Unemployment rate	6.6	6.4	6.3	6.1	4.7	5.7	6.2	6.0	4.5	4.3	4.7	4.3	4.9
Iowa													
Civilian labor force	1,554.3	1,555.3	1,587.3	1,573.3	1,576.4	1,564.7	1,577.5	1,599.8	1,596.8	1,595.2	1,603.0	1,603.6	1,590.0
Employed	1,488.5	1,488.3	1,497.9	1,505.8	1,507.4	1,496.7	1,508.6	1,536.8	1,532.4	1,543.7	1,548.2	1,549.7	1,534.7
Unemployed	65.8	67.0	69.5	67.5	69.0	68.0	68.9	63.0	64.4	51.5	54.8	53.9	55.2
Unemployment rate	4.2	4.3	4.4	4.3	4.4	4.3	4.4	3.9	4.0	3.2	3.4	3.4	3.5
Kansas													
Civilian labor force	1,328.9	1,331.0	1,339.9	1,344.6	1,338.9	1,334.3	1,338.5	1,339.4	1,334.8	1,328.3	1,340.3	1,353.9	1,346.2
Employed	1,273.1	1,274.8	1,281.9	1,283.5	1,272.2	1,267.1	1,268.5	1,267.6	1,270.5	1,264.3	1,277.4	1,288.6	1,283.9
Unemployed	55.7	56.2	58.1	61.0	66.6	67.2	70.0	71.8	64.2	64.0	62.9	65.3	62.3
Unemployment rate	4.2	4.2	4.3	4.5	5.0	5.0	5.2	5.4	4.8	4.8	4.7	4.8	4.6
Kentucky													
Civilian labor force	1,751.3	1,757.9	1,769.7	1,769.3	1,766.1	1,766.3	1,779.8	1,771.9	1,779.4	1,773.6	1,770.9	1,764.0	1,735.8
Employed	1,638.6	1,644.1	1,659.2	1,672.3	1,652.3	1,650.7	1,646.7	1,655.5	1,664.8	1,655.3	1,655.3	1,647.8	1,632.5
Unemployed	112.7	113.8	110.5	97.0	113.8	115.6	133.1	116.4	114.8	118.3	115.6	116.3	103.3
Unemployment rate	6.4	6.5	6.2	5.5	6.4	6.5	7.5	6.6	6.5	6.7	6.5	6.6	6.0
Louisiana													
Civilian labor force	1,898.9	1,886.3	1,893.7	1,900.9	1,878.4	1,866.7	1,895.4	1,874.0	1,842.4	1,871.7	1,841.0	1,867.1	1,893.3
Employed	1,747.8	1,732.4	1,742.2	1,766.2	1,742.6	1,736.6	1,755.8	1,743.8	1,720.5	1,733.3	1,714.1	1,726.8	1,733.4
Unemployed	151.1	153.8	151.5	134.7	135.8	130.1	139.6	130.2	121.9	138.4	126.9	140.3	159.9
Unemployment rate	8.0	8.2	8.0	7.1	7.2	7.0	7.4	6.9	6.6	7.4	6.9	7.5	8.4
Maine													
Civilian labor force	663.7	659.9	662.0	654.0	657.4	652.1	652.6	652.3	647.1	654.8	654.7	660.5	649.8
Employed	616.8	612.3	611.6	600.7	602.9	598.9	600.8	596.4	599.0	605.0	603.9	609.2	596.9
Unemployed	46.9	47.6	50.5	53.3	54.5	53.3	51.9	56.0	48.1	49.8	50.8	51.3	52.9
Unemployment rate	7.1	7.2	7.6	8.2	8.3	8.2	7.9	8.6	7.4	7.6	7.8	7.8	8.1

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1992		1993										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
Maryland													
Civilian labor force	2,820.4	2,641.4	2,810.8	2,635.4	2,825.9	2,600.2	2,549.5	2,562.7	2,559.4	2,586.1	2,633.7	2,857.3	2,850.3
Employed	2,453.1	2,478.7	2,459.1	2,475.1	2,463.7	2,432.2	2,390.8	2,389.0	2,387.7	2,409.1	2,489.4	2,489.6	2,503.2
Unemployed	167.3	164.8	151.6	160.4	162.2	168.1	158.7	173.8	171.7	176.9	164.3	187.7	147.1
Unemployment rate	8.4	8.2	5.8	8.1	8.2	8.5	8.2	6.8	6.7	6.8	8.2	8.3	5.8
Massachusetts¹													
Civilian labor force	3,129.4	3,139.3	3,200.2	3,142.7	3,170.2	3,120.6	3,130.4	3,136.9	3,107.0	3,145.1	3,188.5	3,179.5	3,157.9
Employed	2,852.4	2,868.1	2,936.6	2,901.4	2,966.0	2,919.0	2,920.0	2,949.9	2,910.3	2,924.8	2,939.5	2,959.0	2,950.5
Unemployed	277.0	271.2	263.8	241.3	204.2	201.6	210.4	187.0	196.8	220.3	229.0	220.5	207.4
Unemployment rate	8.9	8.6	8.2	7.7	8.4	6.5	8.7	6.0	6.3	7.0	7.2	6.9	6.6
Michigan¹													
Civilian labor force	4,625.8	4,608.5	4,589.7	4,583.5	4,547.9	4,632.3	4,883.4	4,725.3	4,709.2	4,686.7	4,664.0	4,692.0	4,657.6
Employed	4,255.9	4,239.1	4,264.1	4,274.1	4,259.3	4,324.1	4,355.8	4,379.8	4,364.3	4,380.5	4,351.8	4,370.3	4,331.3
Unemployed	369.9	369.4	325.8	309.4	288.6	308.2	327.8	345.7	344.9	306.2	312.2	321.8	326.3
Unemployment rate	8.0	8.0	7.1	6.8	6.3	6.7	7.0	7.3	7.3	6.5	6.7	6.9	7.0
Minnesota													
Civilian labor force	2,445.8	2,467.4	2,505.5	2,484.1	2,490.0	2,491.9	2,472.3	2,505.4	2,476.0	2,478.3	2,491.4	2,462.0	2,469.2
Employed	2,317.5	2,346.1	2,373.4	2,340.9	2,363.6	2,353.7	2,332.0	2,364.2	2,351.7	2,364.6	2,369.4	2,336.9	2,379.0
Unemployed	128.3	121.3	132.2	143.2	126.4	138.2	140.3	141.3	124.2	113.7	122.0	125.2	110.2
Unemployment rate	5.2	4.9	5.3	5.8	5.1	5.5	5.7	5.6	5.0	4.6	4.9	5.1	4.4
Mississippi													
Civilian labor force	1,187.7	1,179.9	1,170.1	1,174.4	1,191.0	1,190.3	1,198.1	1,199.7	1,186.3	1,197.3	1,199.8	1,209.3	1,209.7
Employed	1,103.6	1,098.8	1,098.0	1,099.8	1,108.9	1,102.3	1,110.1	1,125.2	1,121.6	1,132.3	1,134.6	1,138.3	1,138.5
Unemployed	84.1	81.1	72.1	74.6	82.1	88.0	88.0	74.5	64.7	65.1	65.2	71.1	73.2
Unemployment rate	7.1	8.9	6.2	8.4	8.9	7.4	7.3	6.2	5.5	5.4	5.4	5.9	6.1
Missouri													
Civilian labor force	2,683.8	2,660.7	2,653.1	2,621.0	2,613.5	2,608.6	2,649.4	2,652.2	2,685.6	2,689.9	2,729.9	2,750.4	2,714.9
Employed	2,548.8	2,515.0	2,498.6	2,460.5	2,437.5	2,430.5	2,484.4	2,471.7	2,522.4	2,533.4	2,576.1	2,595.7	2,556.7
Unemployed	135.0	145.7	154.5	160.5	175.9	178.1	165.0	180.5	163.2	156.5	153.8	154.7	158.2
Unemployment rate	5.0	5.5	5.8	6.1	6.7	6.8	6.2	6.8	6.1	5.8	5.6	5.6	5.8
Montana													
Civilian labor force	411.5	409.5	408.1	402.9	406.5	401.9	408.1	413.3	417.8	415.3	414.5	417.0	415.4
Employed	388.2	383.2	377.1	374.4	379.9	376.1	363.5	368.3	392.2	387.3	391.3	392.6	392.9
Unemployed	23.3	26.2	29.0	28.5	26.6	25.8	24.6	25.0	25.5	28.0	23.1	24.4	22.6
Unemployment rate	5.7	6.4	7.1	7.1	6.5	6.4	8.0	6.1	6.1	6.7	5.6	5.9	5.4
Nebraska													
Civilian labor force	848.3	847.5	848.2	857.3	863.5	868.4	871.1	868.8	869.1	868.0	866.5	872.9	885.2
Employed	825.6	823.7	824.3	833.9	837.3	843.7	844.5	842.3	846.0	847.2	844.3	851.9	866.0
Unemployed	22.7	23.8	23.9	23.4	26.2	24.7	26.6	26.5	23.1	20.6	22.1	21.1	19.2
Unemployment rate	2.7	2.8	2.6	2.7	3.0	2.8	3.1	3.1	2.7	2.4	2.6	2.4	2.2
Nevada													
Civilian labor force	683.4	680.3	683.0	679.5	674.5	686.3	692.7	712.2	720.1	714.2	705.6	711.3	713.2
Employed	639.3	637.8	635.1	633.5	627.5	639.0	643.9	661.7	671.9	667.4	654.0	658.7	662.0
Unemployed	44.1	42.6	48.0	46.0	47.0	47.2	48.8	50.4	48.2	46.8	51.6	52.8	51.2
Unemployment rate	6.5	6.3	7.0	6.8	7.0	6.9	7.0	7.1	6.7	6.6	7.3	7.4	7.2
New Hampshire													
Civilian labor force	643.9	641.3	644.1	656.7	649.1	640.9	636.9	635.0	631.4	642.3	648.5	649.8	850.9
Employed	596.4	595.0	592.3	601.5	594.0	591.4	595.5	594.1	592.1	601.7	609.3	608.3	615.5
Unemployed	47.5	46.3	51.8	55.2	55.1	49.5	41.4	40.9	39.2	40.6	39.3	41.5	35.4
Unemployment rate	7.4	7.2	8.0	8.4	8.5	7.7	6.5	6.4	6.2	6.3	6.1	6.4	5.4

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1992		1993										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^a
New Jersey¹													
Civilian labor force	3,998.4	4,008.2	3,929.8	3,914.9	3,921.8	3,934.0	4,001.2	3,984.8	3,912.6	3,942.0	3,934.7	3,937.1	4,007.5
Employed	3,650.6	3,676.3	3,640.2	3,608.8	3,598.7	3,575.8	3,708.1	3,710.5	3,641.5	3,662.0	3,631.7	3,681.1	3,759.0
Unemployed	347.8	331.9	289.7	306.2	325.1	358.3	295.1	274.3	271.1	280.0	303.0	255.9	248.6
Unemployment rate	8.7	8.3	7.4	7.8	8.3	9.1	7.4	6.9	6.9	7.1	7.7	6.5	6.2
New Mexico													
Civilian labor force	727.2	721.5	727.5	734.0	732.3	731.8	737.5	736.1	738.2	736.7	739.0	743.8	742.3
Employed	681.0	678.0	680.0	685.0	681.0	680.8	682.8	681.8	684.6	682.3	685.5	688.7	687.0
Unemployed	46.2	43.5	47.5	49.0	51.3	50.7	54.6	54.3	53.6	54.3	53.5	55.1	55.3
Unemployment rate	6.3	6.0	6.5	6.7	7.0	6.9	7.4	7.4	7.3	7.4	7.2	7.4	7.4
New York¹													
Civilian labor force	8,531.0	8,583.9	8,607.4	8,634.6	8,614.3	8,558.5	8,571.1	8,490.8	8,510.7	8,482.3	8,372.3	8,511.9	8,473.6
Employed	7,830.8	7,858.2	7,876.6	7,946.3	7,985.3	7,960.2	7,926.1	7,825.1	7,870.8	7,814.3	7,776.7	7,842.8	7,834.7
Unemployed	700.2	725.7	730.8	688.4	628.9	598.4	644.9	665.7	639.8	667.9	595.6	669.1	638.9
Unemployment rate	8.2	8.5	8.5	8.0	7.3	7.0	7.5	7.8	7.5	7.9	7.1	7.9	7.5
North Carolina¹													
Civilian labor force	3,529.9	3,521.4	3,524.0	3,504.4	3,506.0	3,503.5	3,527.4	3,503.7	3,476.3	3,448.3	3,448.8	3,492.5	3,496.8
Employed	3,322.8	3,324.5	3,332.1	3,321.3	3,319.3	3,310.9	3,348.9	3,314.8	3,318.5	3,290.5	3,302.9	3,323.5	3,360.1
Unemployed	207.1	196.9	191.9	183.1	186.7	192.7	178.5	189.0	157.8	157.9	145.9	169.0	136.7
Unemployment rate	5.9	5.6	5.4	5.2	5.3	5.5	5.1	5.4	4.5	4.6	4.2	4.8	3.9
North Dakota													
Civilian labor force	313.8	313.6	313.4	314.3	313.8	319.2	322.2	314.6	313.5	311.6	315.3	317.5	322.4
Employed	299.4	299.2	299.6	300.1	298.7	303.5	305.9	299.5	300.2	298.7	302.5	304.7	310.8
Unemployed	14.4	14.4	13.8	14.2	15.1	15.7	16.4	15.1	13.4	13.0	12.8	12.8	11.5
Unemployment rate	4.6	4.6	4.4	4.5	4.8	4.9	5.1	4.8	4.3	4.2	4.1	4.0	3.6
Ohio¹													
Civilian labor force	5,420.2	5,438.6	5,507.6	5,494.8	5,482.7	5,463.3	5,446.9	5,459.2	5,502.8	5,501.8	5,442.5	5,453.3	5,491.2
Employed	5,014.8	5,043.4	5,121.8	5,126.2	5,125.6	5,108.2	5,114.1	5,140.6	5,123.9	5,192.9	5,043.0	5,095.6	5,131.8
Unemployed	405.4	395.2	385.9	368.6	357.1	355.0	332.9	318.6	378.9	308.9	399.5	357.7	359.3
Unemployment rate	7.5	7.3	7.0	6.7	6.5	6.5	6.1	5.8	6.9	5.6	7.3	6.6	6.5
Oklahoma													
Civilian labor force	1,540.0	1,540.6	1,536.1	1,531.0	1,522.4	1,500.3	1,497.2	1,521.1	1,520.2	1,540.6	1,534.5	1,528.9	1,552.3
Employed	1,461.7	1,458.2	1,450.8	1,451.4	1,430.8	1,400.8	1,407.2	1,426.7	1,423.7	1,448.4	1,443.2	1,438.0	1,458.1
Unemployed	78.2	82.4	85.3	79.7	91.6	99.5	90.0	94.4	96.5	92.2	91.3	91.0	94.2
Unemployment rate	5.1	5.4	5.6	5.2	6.0	6.6	6.0	6.2	6.3	6.0	5.9	5.9	6.1
Oregon													
Civilian labor force	1,544.0	1,536.5	1,546.9	1,566.1	1,581.3	1,555.7	1,531.0	1,569.6	1,560.9	1,564.1	1,587.6	1,593.2	1,623.4
Employed	1,431.4	1,424.3	1,434.8	1,451.6	1,469.6	1,438.0	1,418.0	1,457.0	1,439.4	1,449.9	1,468.1	1,481.6	1,517.3
Unemployed	112.6	112.1	112.1	114.5	111.7	117.7	113.1	112.6	121.5	114.3	119.6	111.7	106.0
Unemployment rate	7.3	7.3	7.2	7.3	7.1	7.6	7.4	7.2	7.8	7.3	7.5	7.0	6.5
Pennsylvania¹													
Civilian labor force	6,057.4	6,030.6	6,023.6	6,008.1	5,974.7	5,947.6	6,012.5	5,976.8	6,029.4	6,086.7	6,053.2	6,015.0	6,024.7
Employed	5,616.2	5,588.4	5,570.3	5,585.6	5,564.1	5,553.1	5,587.7	5,563.9	5,591.9	5,632.3	5,636.6	5,592.7	5,591.2
Unemployed	441.2	442.2	453.3	422.5	410.8	394.4	424.8	412.9	437.5	454.4	416.6	422.4	433.5
Unemployment rate	7.3	7.3	7.5	7.0	6.9	6.6	7.1	6.9	7.3	7.5	6.9	7.0	7.2
Rhode Island													
Civilian labor force	526.6	523.4	532.4	526.3	522.9	521.8	523.6	523.1	520.2	518.9	517.0	517.2	518.4
Employed	482.8	481.7	489.7	485.8	480.5	477.9	481.3	480.7	485.6	483.4	481.3	479.4	479.1
Unemployed	43.8	41.7	42.7	40.5	42.5	43.9	42.3	42.4	34.6	35.6	35.6	37.8	39.3
Unemployment rate	8.3	8.0	8.0	7.7	8.1	8.4	8.1	8.1	6.7	6.9	6.9	7.3	7.6

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1992		1993										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
South Carolina													
Civilian labor force	1,780.7	1,790.7	1,784.6	1,777.0	1,761.0	1,763.0	1,799.6	1,792.4	1,797.0	1,817.1	1,787.5	1,812.9	1,794.4
Employed	1,675.1	1,688.0	1,672.6	1,672.9	1,652.2	1,639.4	1,671.1	1,666.5	1,667.3	1,686.8	1,663.7	1,684.5	1,674.8
Unemployed	105.6	102.8	112.0	104.1	108.8	123.6	128.5	125.9	129.7	130.3	123.9	128.4	119.6
Unemployment rate	5.9	5.7	6.3	5.9	6.2	7.0	7.1	7.0	7.2	7.2	6.9	7.1	6.7
South Dakota													
Civilian labor force	365.7	364.5	386.0	365.4	365.9	364.1	362.9	366.9	369.6	371.2	364.9	386.2	365.4
Employed	355.1	353.2	352.0	351.3	353.3	352.0	351.4	356.2	359.7	361.2	351.7	354.5	351.3
Unemployed	10.6	11.3	14.0	14.1	12.8	12.1	11.5	10.7	9.9	10.0	13.3	11.8	14.1
Unemployment rate	2.9	3.1	3.8	3.9	3.4	3.3	3.2	2.9	2.7	2.7	3.6	3.2	3.9
Tennessee													
Civilian labor force	2,463.9	2,472.8	2,455.3	2,469.8	2,454.3	2,431.1	2,480.8	2,452.7	2,477.4	2,483.9	2,479.0	2,502.8	2,522.2
Employed	2,316.7	2,323.5	2,292.5	2,323.1	2,302.8	2,266.4	2,311.2	2,306.1	2,338.5	2,347.2	2,340.3	2,372.6	2,392.8
Unemployed	147.2	149.3	182.8	146.7	151.5	164.7	149.6	146.8	138.9	136.8	138.8	130.2	129.4
Unemployment rate	6.0	6.0	6.6	5.9	6.2	6.8	6.1	6.0	5.6	5.5	5.6	5.2	5.1
Texas¹													
Civilian labor force	8,747.0	8,798.4	8,782.5	8,716.2	8,712.9	8,716.3	8,756.4	8,768.2	8,848.3	8,927.9	8,968.2	9,093.0	9,091.0
Employed	8,081.5	8,124.3	8,080.5	8,060.3	8,124.1	8,133.3	8,186.7	8,151.0	8,215.0	8,284.1	8,372.1	8,412.4	8,467.5
Unemployed	665.5	674.1	682.0	655.8	588.9	583.0	569.7	617.2	633.4	643.9	596.1	680.6	623.5
Unemployment rate	7.6	7.7	7.8	7.5	6.8	6.7	6.5	7.0	7.2	7.2	6.6	7.5	6.9
Utah													
Civilian labor force	813.9	814.9	822.5	827.5	831.1	829.1	840.3	849.5	852.7	849.9	849.7	856.9	867.8
Employed	770.9	771.4	783.1	795.4	801.3	798.0	805.9	810.5	819.7	821.6	821.3	828.8	837.7
Unemployed	43.0	43.5	39.4	32.1	29.8	31.1	34.4	38.9	33.0	28.3	28.4	28.1	30.1
Unemployment rate	5.3	5.3	4.8	3.9	3.6	3.7	4.1	4.6	3.9	3.3	3.3	3.3	3.5
Vermont													
Civilian labor force	329.1	325.0	322.3	327.2	322.9	328.5	332.7	334.1	323.0	325.3	324.2	328.3	326.6
Employed	308.5	305.4	302.2	306.0	300.5	305.8	311.6	315.3	305.7	309.2	308.8	312.9	312.0
Unemployed	20.7	19.5	20.2	21.2	22.3	22.7	21.0	18.8	17.4	16.1	15.5	15.4	14.6
Unemployment rate	6.3	6.0	6.3	6.5	6.9	6.9	6.3	5.6	5.4	5.0	4.8	4.7	4.5
Virginia													
Civilian labor force	3,331.9	3,330.8	3,348.4	3,369.3	3,399.2	3,423.8	3,414.2	3,358.6	3,347.8	3,331.0	3,274.5	3,302.4	3,302.9
Employed	3,128.7	3,133.0	3,153.4	3,206.1	3,234.4	3,251.8	3,239.1	3,184.8	3,156.8	3,147.5	3,098.7	3,118.5	3,139.9
Unemployed	203.2	197.8	195.0	163.2	164.7	172.0	175.1	173.8	191.0	183.4	175.7	183.9	163.0
Unemployment rate	6.1	5.9	5.8	4.8	4.8	5.0	5.1	5.2	5.7	5.5	5.4	5.6	4.9
Washington													
Civilian labor force	2,624.8	2,577.7	2,620.4	2,647.1	2,627.6	2,629.6	2,612.6	2,618.3	2,608.3	2,611.8	2,648.8	2,714.4	2,677.1
Employed	2,413.5	2,376.3	2,411.0	2,440.8	2,429.8	2,430.8	2,414.0	2,415.8	2,384.9	2,394.6	2,432.3	2,510.5	2,492.3
Unemployed	211.3	201.4	209.4	206.3	197.8	198.8	198.6	202.6	223.4	217.2	216.5	203.9	184.8
Unemployment rate	8.1	7.8	8.0	7.8	7.5	7.6	7.6	7.7	8.6	8.3	8.2	7.5	6.9
West Virginia													
Civilian labor force	760.0	762.3	771.8	777.3	773.2	778.9	771.8	776.0	765.9	770.2	767.6	779.3	773.5
Employed	680.7	682.1	689.5	694.3	686.5	685.8	680.4	676.8	689.3	695.9	696.2	699.9	696.9
Unemployed	79.3	80.2	82.3	83.1	86.7	93.1	91.5	99.1	76.6	74.3	71.4	79.5	76.6
Unemployment rate	10.4	10.5	10.7	10.7	11.2	12.0	11.8	12.8	10.0	9.6	9.3	10.2	9.9
Wisconsin													
Civilian labor force	2,678.2	2,690.6	2,718.6	2,717.2	2,723.3	2,716.9	2,699.5	2,689.3	2,695.5	2,685.8	2,697.1	2,681.2	2,694.6
Employed	2,562.9	2,566.4	2,595.5	2,589.1	2,607.9	2,588.2	2,554.9	2,553.3	2,566.6	2,559.5	2,581.2	2,568.3	2,569.2
Unemployed	115.3	124.2	123.1	128.1	115.4	128.7	144.6	136.0	128.9	126.3	116.0	112.9	125.4
Unemployment rate	4.3	4.6	4.5	4.7	4.2	4.7	5.4	5.1	4.8	4.7	4.3	4.2	4.7
Wyoming													
Civilian labor force	239.2	238.1	237.8	236.9	238.4	236.0	236.1	238.2	240.2	238.1	238.8	240.9	240.4
Employed	227.6	226.6	226.0	224.9	226.1	223.1	223.2	223.6	224.9	223.3	227.1	228.9	228.6
Unemployed	11.6	11.5	11.7	12.0	12.3	12.9	12.8	14.6	15.3	14.8	11.7	12.0	11.7
Unemployment rate	4.9	4.8	4.9	5.1	5.2	5.5	5.4	6.1	6.4	6.2	4.9	5.0	4.9

¹ Data are obtained directly from the Current Population Survey. See the Explanatory Notes for Region, State, and Area labor force data.
^P = preliminary.

NOTE: Data refer to place of residence. All estimates are provisional and will be revised when new benchmark and population information becomes available.

STATE AND AREA LABOR FORCE DATA
NOT SEASONALLY ADJUSTED

D-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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Alabama	1,942.3	1,943.4	1,957.2	119.3	124.7	135.8	6.1	6.4	6.9
Birmingham	450.6	451.4	453.3	22.9	22.8	24.1	5.1	5.0	5.3
Huntsville	137.5	136.6	138.0	5.4	6.8	7.5	3.9	4.8	5.4
Mobile	228.2	228.9	231.7	15.2	17.0	18.4	8.7	7.4	7.9
Montgomery	141.1	141.8	143.0	7.7	7.8	8.3	5.4	5.5	5.8
Tuscaloosa	74.0	75.8	76.4	3.3	3.9	3.9	4.5	5.1	5.2
Alaska	258.5	268.7	270.2	22.6	19.5	18.9	8.7	7.3	7.0
Anchorage	119.0	122.7	124.9	8.2	6.8	6.3	6.9	5.6	5.1
Arizona	1,740.6	1,768.9	1,744.9	121.4	99.8	97.8	7.0	5.6	5.6
Phoenix	1,054.5	1,078.0	1,063.0	63.1	49.7	48.6	6.0	4.6	4.6
Tucson	325.2	330.7	325.6	16.2	13.5	13.1	5.0	4.1	4.0
Arkansas	1,120.7	1,163.7	1,160.0	77.3	66.0	71.7	6.9	5.7	6.2
Fayetteville-Springdale	66.4	69.9	69.9	2.2	1.8	1.9	3.2	2.6	2.7
Fort Smith	91.2	91.3	91.6	6.9	5.5	6.1	7.5	6.1	6.6
Little Rock-North Little Rock	267.8	275.8	276.2	15.5	13.1	13.6	5.8	4.8	4.9
Pine Bluff	35.9	36.4	36.1	3.6	3.3	3.4	10.2	9.1	9.4
California¹	15,309.0	15,396.6	15,268.7	1,510.5	1,441.7	1,314.3	9.9	9.4	8.6
Anaheim-Santa Ana	1,385.0	1,401.1	1,390.2	97.6	92.2	77.6	7.0	6.8	5.6
Bakersfield	275.0	284.3	278.4	48.3	43.6	38.4	17.6	15.3	13.8
Fresno	345.0	361.0	348.3	60.3	52.4	49.2	17.5	14.5	14.1
Los Angeles-Long Beach ¹	4,512.0	4,382.0	4,344.0	426.0	421.0	410.0	9.4	9.6	9.4
Modesto	180.9	185.6	180.6	32.4	29.9	28.2	17.9	16.1	15.6
Oakland	1,128.1	1,143.4	1,142.3	79.7	79.4	68.8	7.1	6.9	6.0
Oxnard-Ventura	387.8	393.0	391.4	39.2	36.3	32.1	10.1	9.2	8.2
Riverside-San Bernardino	1,154.7	1,168.5	1,163.6	143.0	141.1	121.2	12.4	12.1	10.4
Sacramento	793.0	808.2	813.8	68.4	64.0	57.1	8.6	7.9	7.0
Salinas-Seaside-Monterey	176.5	179.2	177.2	25.4	18.4	19.9	14.4	10.2	11.2
San Diego	1,209.2	1,224.5	1,221.5	101.1	103.8	88.4	8.4	8.5	7.2
San Francisco	889.9	906.3	908.1	58.7	58.2	48.5	6.6	6.4	5.3
San Jose	823.3	838.3	830.0	61.2	61.0	51.2	7.4	7.3	6.2
Santa Barbara-Santa Maria-Lompoc	184.7	188.2	187.6	16.8	15.9	14.5	9.1	8.5	7.7
Santa Rosa-Petaluma	223.4	230.9	229.1	16.7	15.2	13.5	7.5	6.6	5.9
Stockton	215.1	220.7	214.4	35.8	31.4	29.4	16.6	14.2	13.7
Vallejo-Fairfield-Napa	216.5	223.4	219.1	20.0	19.7	17.5	9.3	8.8	8.0
Colorado	1,764.0	1,821.4	1,819.8	90.8	77.6	78.4	5.1	4.3	4.3
Boulder-Longmont	146.3	151.7	152.2	4.9	4.7	4.6	3.4	3.1	3.0
Denver	896.2	920.5	920.1	44.9	38.8	38.5	5.0	4.2	4.2
Connecticut	1,786.3	1,771.2	1,726.7	125.9	98.3	100.5	7.0	5.6	5.8
Bridgeport-Milford	228.9	225.6	219.0	19.1	14.2	14.5	8.4	6.3	6.6
Hartford	426.4	416.4	406.3	29.6	23.8	24.4	6.9	5.7	6.0
New Britain	77.7	76.2	74.5	6.8	5.3	5.4	8.7	7.0	7.3
New Haven-Meriden	281.0	280.3	273.6	18.9	15.7	15.9	6.7	5.8	5.8
Stamford	114.9	113.8	110.2	5.8	4.3	4.4	5.1	3.8	4.0
Waterbury	107.9	105.9	104.1	10.7	7.7	7.9	9.9	7.2	7.5
Delaware	374.3	383.4	381.0	13.6	19.7	19.3	3.6	5.1	5.1
Wilmington	318.2	321.7	320.7	13.8	16.3	15.3	4.3	5.1	4.8
District of Columbia	265.7	289.8	267.1	23.8	20.8	21.5	9.0	7.7	8.1
Washington	2,238.6	2,260.0	2,263.7	108.7	99.8	92.9	4.9	4.4	4.1
Florida¹	6,569.9	6,680.3	6,743.3	476.1	439.3	408.4	7.2	6.6	6.1
Daytona Beach	163.2	168.9	169.4	11.9	10.7	10.3	7.3	6.3	6.1
Fort Lauderdale-Hollywood-Pompano Beach	693.3	713.5	718.9	48.6	44.9	41.7	7.0	6.3	5.8
Fort Myers-Cape Coral	155.6	159.5	162.5	10.9	9.0	7.9	7.0	5.6	4.9
Gainesville	115.1	118.0	117.8	5.1	4.2	4.1	4.4	3.6	3.5
Jacksonville	467.0	475.6	476.9	28.5	25.7	23.8	6.1	5.4	5.0
Lakeland-Winter Haven	181.7	181.8	183.8	18.0	17.5	16.0	9.9	9.6	8.7
Melbourne-Titusville-Palm Bay	199.4	200.1	203.1	14.8	15.0	14.8	7.4	7.5	7.3
Miami-Hialeah	981.5	989.3	1,000.3	85.6	72.4	67.8	8.7	7.3	6.8
Orlando	669.3	691.5	694.8	42.1	37.1	34.5	6.3	5.4	5.0
Pensacola	155.1	157.6	158.1	8.3	8.0	7.7	5.4	5.0	4.8
Sarasota	130.2	130.9	132.6	6.9	6.3	6.0	5.3	4.8	4.5
Tallahassee	144.6	149.8	149.6	5.7	5.7	5.7	3.9	3.8	3.8
Tampa-St. Petersburg-Clearwater	1,043.3	1,053.8	1,066.1	66.3	61.6	57.6	6.4	5.8	5.4
West Palm Beach-Boca Raton-DeLray Beach	443.8	444.1	449.4	37.6	38.6	33.4	8.5	8.7	7.4

See footnotes at end of table.

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

D-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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Georgia	3,281.5	3,357.5	3,362.9	216.4	181.8	178.0	6.6	5.4	5.2
Albany	55.6	55.7	55.1	4.7	4.3	3.7	8.5	7.7	6.8
Athens	78.1	80.0	80.2	3.9	3.1	3.0	5.0	3.9	3.8
Atlanta	1,565.7	1,632.5	1,638.8	96.6	81.1	78.9	6.2	5.0	4.8
Augusta	202.6	201.9	201.1	12.2	12.8	11.9	6.0	6.3	5.9
Columbus	101.9	102.0	103.0	7.1	6.7	6.4	7.0	6.6	6.3
Macon-Warner Robins	134.7	133.5	134.5	8.3	7.1	8.9	6.2	5.3	5.1
Savannah	122.0	125.2	124.8	7.4	6.9	6.7	6.1	5.5	5.4
Hawaii	576.8	577.7	580.1	26.7	22.9	23.2	5.0	4.0	4.0
Honolulu	412.7	412.5	415.2	14.4	12.6	12.9	3.5	3.1	3.1
Idaho	520.1	536.2	535.8	30.7	24.4	27.0	5.9	4.5	5.0
Boise City	130.0	134.3	137.5	4.8	4.1	4.3	3.7	3.1	3.1
Illinois ¹	6,108.8	6,070.1	6,124.5	387.4	426.5	341.7	6.3	7.0	5.8
Aurora-Elgin	199.6	200.1	200.0	12.8	13.4	10.9	6.4	6.7	5.4
Bloomington-Normal	82.6	81.2	81.8	3.3	3.2	2.9	4.0	3.9	3.6
Champaign-Urbana-Rantoul	97.5	97.0	96.7	3.6	5.1	4.0	3.9	5.2	4.2
Chicago	3,254.4	3,235.2	3,270.7	205.7	231.3	181.6	6.3	7.1	5.6
Davenport-Rock Island-Moline	188.4	186.0	186.9	11.8	9.8	8.7	6.1	5.3	4.7
Decatur	63.6	62.5	62.4	4.7	5.8	4.7	7.4	9.2	7.5
Joliet	234.2	232.2	233.0	15.1	16.7	13.5	6.5	7.2	5.8
Kankakee	51.7	50.2	50.9	3.7	3.9	3.3	7.2	7.9	6.4
Lake County	331.5	326.5	333.9	14.7	14.5	12.8	4.4	4.4	3.8
Peoria	172.6	170.0	171.4	10.7	11.0	8.9	6.2	6.4	5.2
Rockford	160.6	159.3	160.5	10.7	14.6	10.5	6.7	9.1	6.5
Springfield	121.2	119.6	121.4	5.6	5.7	5.0	4.6	4.8	4.1
Indiana	2,808.0	2,990.8	2,979.5	178.7	124.8	142.7	6.4	4.2	4.8
Anderson	57.4	58.4	58.3	4.4	3.1	3.4	7.7	5.3	5.8
Bloomington	82.7	87.4	87.0	2.4	2.0	2.3	3.9	2.9	3.4
Elkhart-Goshen	69.2	96.8	97.6	6.2	4.1	5.9	6.9	4.2	6.0
Evansville	144.7	151.1	151.2	8.8	6.5	7.3	6.1	4.3	4.8
Fort Wayne	195.3	210.2	207.8	10.8	8.5	9.2	5.5	4.0	4.4
Gary-Hammond	257.4	265.2	264.0	20.7	15.6	16.0	8.1	5.9	6.1
Indianapolis	681.0	725.9	725.4	34.7	24.5	28.4	5.1	3.4	3.9
Kokomo	45.8	50.2	50.9	3.0	2.0	2.4	6.6	4.1	4.8
Lafayette-West Lafayette	69.4	75.4	75.2	2.4	2.0	2.5	3.4	2.7	3.3
Muncie	61.0	65.9	68.1	3.8	2.7	3.2	6.3	4.1	4.9
South Bend-Mishawaka	125.9	133.3	132.2	7.1	4.9	5.7	5.6	3.7	4.3
Terre Haute	63.3	65.3	65.3	4.1	3.3	3.7	6.4	5.1	5.7
Iowa	1,558.0	1,609.4	1,594.3	59.4	49.5	49.7	3.8	3.1	3.1
Cedar Rapids	99.5	100.5	101.5	3.6	3.4	3.1	3.6	3.3	3.1
Des Moines	253.8	255.6	257.4	8.2	7.2	6.8	3.3	2.8	2.6
Dubuque	46.8	47.8	48.0	1.9	1.4	1.5	4.1	2.9	3.2
Iowa City	65.5	66.7	67.0	1.1	1.0	.9	1.7	1.5	1.3
Sioux City	64.0	65.5	65.5	2.0	1.8	1.6	3.2	2.4	2.5
Waterloo-Cedar Falls	78.0	79.3	79.7	4.0	3.1	3.1	5.1	3.9	3.9
Kansas	1,320.4	1,341.1	1,336.6	52.3	62.8	57.8	4.0	4.7	4.3
Lawrence	47.3	49.0	49.3	1.5	1.7	1.6	3.1	3.4	3.2
Topeka	93.6	95.4	95.5	3.9	4.2	3.8	4.2	4.4	4.0
Wichita	261.2	264.4	263.2	10.9	15.7	14.1	4.2	5.9	5.4
Kentucky	1,756.1	1,748.3	1,739.1	103.5	104.9	94.2	5.9	6.0	5.4
Lexington-Fayette	196.9	200.2	199.0	7.1	8.0	6.8	3.6	4.0	3.4
Louisville	524.7	521.4	520.0	34.7	24.1	21.4	6.6	4.6	4.1
Owensboro	44.6	44.4	44.3	2.3	2.5	2.2	5.1	5.7	5.0
Louisiana	1,897.2	1,873.5	1,890.3	137.9	131.5	146.9	7.3	7.0	7.8
Alexandria	57.4	57.1	57.9	3.9	3.6	4.3	6.7	6.4	7.3
Baton Rouge	278.5	277.1	277.9	17.3	18.4	20.3	6.2	6.6	7.3
Houma-Thibodaux	68.6	68.0	68.7	5.4	4.3	4.9	7.8	6.4	7.1
Lafayette	106.2	104.8	105.9	6.4	5.6	6.5	6.0	5.4	6.1
Lake Charles	81.7	81.5	82.6	6.8	5.7	8.9	8.3	7.0	8.3
Monroe	89.5	88.3	88.8	4.3	4.5	4.8	6.3	6.5	7.0
New Orleans	567.6	556.3	561.0	37.1	38.6	40.9	6.5	6.9	7.3
Shreveport	155.4	156.1	157.2	10.2	10.0	11.3	8.5	6.4	7.2
Maine	656.1	658.0	643.1	46.3	42.6	51.6	7.1	6.5	8.0
Lewiston-Auburn	44.8	44.9	44.4	3.9	3.4	3.8	8.7	7.5	8.7
Portland	136.9	137.1	135.0	8.4	6.2	7.0	4.6	4.8	5.2

See footnotes at end of table.

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

D-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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Maryland	2,608.7	2,641.7	2,640.7	164.6	158.6	144.8	6.3	6.0	5.5
Baltimore	1,227.0	1,238.1	1,237.6	87.2	86.1	77.9	7.1	7.0	6.3
Massachusetts ¹	3,112.6	3,148.4	3,139.8	257.1	194.5	192.1	8.3	6.2	6.1
Boston	1,525.9	1,544.0	1,543.9	110.2	84.1	81.0	7.2	5.4	5.2
Brockton	96.4	94.9	95.0	9.4	6.7	6.7	9.8	7.1	7.0
Fall River	76.3	76.2	76.9	8.2	6.5	6.5	10.8	8.5	8.5
Fitchburg-Leominster	46.5	46.8	46.7	4.3	3.4	3.4	9.2	7.3	7.2
Lawrence-Haverhill	192.7	192.4	191.9	18.7	17.0	15.3	9.7	8.9	8.0
Lowell	146.6	144.7	144.0	14.7	10.6	10.1	10.0	7.3	7.0
New Bedford	85.5	84.1	84.0	10.0	7.1	7.0	11.7	8.4	8.4
Pittsfield	40.6	41.7	41.8	3.7	2.9	3.0	9.2	6.9	7.1
Springfield	251.5	251.5	251.0	22.5	18.1	18.0	8.9	7.2	7.2
Worcester	219.7	223.0	223.1	18.1	13.5	12.9	8.2	6.1	5.8
Michigan ¹	4,634.8	4,692.6	4,670.3	340.0	303.4	304.6	7.3	6.5	6.5
Ann Arbor	167.7	165.5	164.8	6.9	5.9	5.9	4.1	3.6	3.6
Battle Creek	65.7	66.9	66.7	4.4	4.3	4.2	6.7	6.4	6.3
Benton Harbor	78.5	80.3	79.5	6.0	5.7	5.7	7.7	7.1	7.2
Detroit	2,156.7	2,169.3	2,169.2	161.8	143.1	140.1	7.5	6.6	6.5
Flint	182.8	182.5	181.1	17.9	18.0	16.8	9.8	9.9	9.3
Grand Rapids	396.4	403.8	403.0	22.5	18.8	19.8	5.7	4.7	4.9
Jackson	66.0	67.3	66.8	5.5	4.9	4.8	8.3	7.3	7.2
Kalamazoo	124.2	125.4	125.1	5.9	4.9	4.8	4.7	3.9	3.9
Lansing-East Lansing	243.4	245.3	243.9	12.2	11.2	11.1	5.0	4.5	4.8
Muskegon	66.2	66.7	65.9	6.9	6.4	6.1	10.4	9.6	9.3
Saginaw-Bay City-Midland	190.2	193.3	191.7	12.7	12.4	12.1	6.7	6.4	6.3
Minnesota	2,445.9	2,477.1	2,486.4	119.9	109.6	98.9	4.9	4.4	4.0
Duluth	116.8	115.8	116.7	7.8	7.6	7.0	6.7	6.6	6.0
Minneapolis-St.Paul	1,435.7	1,447.5	1,458.7	81.3	58.1	49.4	4.3	4.0	3.4
Rochester	67.0	67.7	67.6	2.4	2.9	2.2	3.6	4.3	3.3
St. Cloud	109.5	111.1	112.6	5.6	5.0	4.8	5.1	4.5	4.3
Mississippi	1,178.7	1,199.7	1,200.3	71.1	59.7	59.2	6.0	5.0	4.9
Jackson	203.0	207.0	207.9	9.1	7.8	7.6	4.5	3.8	3.6
Missouri	2,676.5	2,735.5	2,707.2	127.3	145.7	148.0	4.8	5.3	5.5
Kansas City	863.9	882.7	878.8	36.8	43.2	41.4	4.3	4.9	4.7
St. Louis LMA	1,268.4	1,270.1	1,266.6	62.2	71.5	66.8	4.9	5.6	5.3
Springfield	139.1	141.5	141.9	5.5	5.9	6.1	4.0	4.1	4.3
Montana	410.6	414.1	413.7	24.8	22.3	23.9	6.0	5.4	5.8
Nebraska	846.1	873.0	880.7	20.7	19.1	16.8	2.4	2.2	1.9
Lincoln	132.0	136.2	138.3	2.4	2.4	1.8	1.8	1.7	1.3
Omaha	343.2	350.9	353.7	10.6	9.1	7.8	3.1	2.6	2.2
Nevada	686.3	716.2	716.4	42.0	49.9	48.3	6.1	7.0	6.7
Las Vegas	433.2	453.9	456.1	26.5	32.7	31.0	6.1	7.2	6.8
Reno	144.0	146.2	147.6	8.3	8.8	8.9	5.8	6.0	6.0
New Hampshire	645.3	646.7	652.1	47.3	37.9	34.3	7.3	5.9	5.3
Manchester	87.4	85.5	86.2	6.3	4.7	4.4	7.2	5.5	5.0
Nashua	102.2	102.9	104.0	8.7	7.4	6.6	8.5	7.2	6.3
Portsmouth-Dover-Rochester	140.9	142.4	143.8	7.6	6.0	6.0	5.4	4.2	4.1
New Jersey ¹	3,960.4	3,935.9	3,978.0	331.0	248.9	236.6	8.4	6.3	5.9
Atlantic City	182.5	183.1	182.5	21.0	15.3	15.3	11.5	8.3	8.4
Bergen-Passaic	670.3	664.9	675.8	54.1	42.7	43.6	8.1	6.4	6.5
Jersey City	265.8	263.2	265.5	30.9	23.2	21.8	11.6	8.8	8.2
Middlesex-Somerset-Hunterdon	587.0	582.5	588.8	38.9	28.9	26.2	6.6	5.0	4.4
Monmouth-Ocean	477.3	477.8	480.4	38.0	28.3	26.6	8.0	5.9	5.5
Newark	912.6	911.2	920.4	79.2	62.1	57.1	8.7	6.8	6.2
Trenton	173.1	169.9	171.8	11.3	8.5	7.8	6.5	5.0	4.6
Vineland-Millville-Bridgeton	60.9	59.7	60.3	8.1	5.6	5.5	13.3	9.4	9.2
New Mexico	727.3	743.0	741.3	41.8	49.5	49.8	5.8	6.7	6.7
Albuquerque	273.9	282.9	281.8	10.7	14.2	13.7	3.9	5.0	4.9
Las Cruces	60.8	62.7	62.5	3.7	4.9	4.8	6.0	7.9	7.7
Santa Fe	75.5	77.5	76.9	2.3	2.9	2.8	3.1	3.7	3.7

See footnotes at end of table.

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

D-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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
New York¹	8,509.1	8,470.6	8,441.6	664.3	633.2	610.6	7.8	7.5	7.2
Albany-Schenectady-Troy	440.1	437.2	443.9	22.7	20.0	19.2	5.2	4.6	4.3
Binghamton	121.3	118.6	119.8	7.7	7.6	7.5	6.3	6.4	6.2
Buffalo	460.9	454.7	460.0	28.5	26.4	25.3	6.2	5.8	5.5
Elmira	42.5	42.8	43.8	2.6	2.0	2.0	6.0	4.7	4.7
Glens Falls	53.4	53.1	53.6	4.7	3.6	4.1	8.8	6.7	7.7
Nassau-Suffolk	1,338.9	1,317.2	1,335.0	84.3	74.7	69.0	6.3	5.7	5.2
New York	3,939.1	3,951.3	3,862.0	380.4	375.8	358.7	9.7	9.5	9.3
New York City ¹	3,269.0	3,324.0	3,229.0	348.0	344.0	330.0	10.5	10.3	10.2
Orange County	139.9	136.8	139.8	6.7	6.5	7.9	6.2	6.2	5.6
Poughkeepsie	119.4	113.8	114.1	7.1	9.7	8.4	6.0	8.5	7.4
Rochester	512.6	511.1	518.7	23.0	21.8	21.9	4.5	4.3	4.2
Syracuse	322.1	316.5	323.6	19.3	16.8	18.6	6.0	5.2	5.1
Utica-Rome	138.0	137.3	139.5	8.8	8.0	8.3	6.5	5.8	6.0
North Carolina¹	3,546.6	3,520.9	3,518.7	206.8	150.0	137.1	5.8	4.3	3.9
Asheville	98.5	97.8	98.2	4.9	3.1	3.0	5.0	3.2	3.0
Charlotte-Gastonia-Rock Hill	668.9	664.9	663.9	36.3	26.8	24.3	5.4	4.0	3.7
Greensboro-Winston-Salem-High Point	543.0	537.2	538.3	27.0	19.3	17.0	5.0	3.6	3.2
Raleigh-Durham	463.2	463.6	465.3	18.1	12.9	10.9	3.9	2.8	2.3
North Dakota	309.4	317.8	317.9	13.4	11.1	10.5	4.3	3.5	3.3
Bismarck	46.3	47.4	47.7	1.9	1.6	1.5	4.1	3.5	3.0
Fargo-Moorhead	89.7	92.2	92.7	2.7	2.5	2.4	3.0	2.7	2.8
Grand Forks	35.3	35.7	36.3	1.3	.9	1.0	3.5	2.6	2.9
Ohio¹	5,417.4	5,462.0	5,491.3	369.3	329.1	325.2	6.8	6.0	5.9
Akron	338.0	343.0	345.5	22.0	17.9	18.3	6.5	5.2	5.3
Canton	195.2	196.4	197.3	14.7	12.9	12.4	7.5	6.5	6.3
Cincinnati	783.7	799.9	802.4	40.8	41.7	39.3	5.2	5.2	4.9
Cleveland	938.3	940.0	941.9	81.1	55.4	53.7	8.5	5.9	5.7
Columbus	758.9	784.3	766.8	39.9	39.2	36.7	5.3	5.1	4.8
Dayton-Springfield	471.7	470.3	474.8	28.9	22.8	22.6	6.1	4.8	4.8
Toledo	309.1	310.7	312.2	21.0	18.8	18.6	6.8	6.0	6.0
Youngstown-Warren	226.5	222.6	224.2	22.5	16.7	16.9	9.9	7.5	7.5
Oklahoma	1,532.2	1,529.8	1,548.2	71.5	80.4	86.6	4.7	5.3	5.6
Enid	28.2	28.4	28.5	.9	1.1	1.0	3.3	3.6	3.4
Lawton	51.1	49.4	49.9	2.3	2.9	3.0	4.6	5.9	5.9
Oklahoma City	493.1	494.4	499.5	18.8	22.8	24.2	3.8	4.6	4.8
Tulsa	347.6	347.8	348.3	17.8	19.7	20.9	5.1	5.7	6.0
Oregon	1,539.5	1,592.3	1,617.5	104.7	101.1	98.0	6.8	6.3	6.1
Eugene-Springfield	149.2	154.5	156.7	10.1	10.1	9.6	6.8	6.6	6.1
Medford	78.1	81.8	82.9	5.7	5.5	5.4	7.3	6.7	6.5
Portland	717.5	734.6	754.4	41.1	40.4	37.1	5.7	5.5	4.9
Salem	147.1	156.2	156.9	9.8	9.6	9.7	6.5	6.1	6.2
Pennsylvania¹	8,085.0	8,053.2	8,063.2	412.4	402.2	406.2	6.6	6.6	6.7
Allentown-Bethlehem-Easton	347.7	347.0	348.8	25.0	22.0	22.2	7.2	6.3	6.4
Altoona	85.2	85.3	85.5	4.9	4.5	4.4	7.5	6.9	6.6
Beaver County	83.7	84.1	83.9	6.1	5.8	5.8	9.6	9.1	9.1
Erie	144.8	146.6	146.5	9.3	9.7	10.2	6.4	6.6	6.9
Harrisburg-Lebanon-Carlisle	347.3	345.5	345.5	17.0	16.3	16.5	4.9	4.7	4.6
Johnstown	102.8	105.7	106.4	10.6	10.6	10.9	10.3	10.1	10.2
Lancaster	238.5	238.5	237.8	11.0	9.9	11.0	4.6	4.1	4.6
Philadelphia	2,453.1	2,423.2	2,434.0	167.1	158.1	152.2	6.8	6.5	6.3
Pittsburgh	1,049.4	1,050.1	1,048.9	65.2	65.5	66.4	6.2	6.2	6.3
Reading	183.8	182.0	183.5	11.2	9.6	9.7	6.1	5.4	5.3
Scranton-Wilkes-Barre	383.4	382.9	383.3	33.0	30.2	30.9	8.6	7.9	8.1
Sharon	55.9	52.7	53.1	6.7	4.9	4.9	11.9	9.3	9.2
State College	72.6	72.8	73.6	4.2	4.2	4.6	5.7	5.7	6.3
Williamsport	62.7	60.6	61.4	4.5	4.3	4.6	7.1	7.1	7.5
York	236.4	239.6	240.1	14.0	12.7	12.9	5.9	5.3	5.4
Rhode Island	526.4	518.5	517.5	41.7	35.7	37.0	7.9	6.9	7.1
Pawtucket-Woonsocket-Attleboro	171.5	172.7	172.3	13.9	11.2	11.4	8.1	6.5	6.6
Providence	348.7	339.2	340.7	27.9	23.7	24.6	6.0	7.0	7.2
South Carolina	1,766.8	1,800.8	1,782.7	101.2	116.6	113.3	5.7	6.6	6.4
Charleston	241.2	246.4	244.0	12.1	15.3	14.0	5.0	6.2	5.7
Columbia	246.9	253.1	251.3	11.0	12.0	11.2	4.5	4.7	4.5
Greenville-Spartanburg	351.1	357.7	355.5	15.8	16.7	16.0	4.5	4.7	4.5
South Dakota	365.2	368.0	365.0	9.6	10.4	12.8	2.6	2.8	3.5
Rapid City	41.0	42.6	41.9	1.2	1.7	1.7	2.8	4.0	4.1
Sioux Falls	79.8	79.9	79.3	1.5	1.6	1.9	1.9	1.9	2.4

See footnotes at end of table.

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

D-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. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P	Nov. 1992	Oct. 1993	Nov. 1993 ^P
Tennessee	2,470.6	2,518.2	2,530.9	131.7	116.8	112.0	5.3	4.6	4.4
Chattanooga	217.6	220.2	221.1	10.9	9.5	9.0	5.0	4.3	4.1
Johnson City-Kingsport-Bristol	227.3	225.1	226.1	11.9	10.5	10.2	5.2	4.7	4.5
Knoxville	311.3	314.7	316.0	14.8	12.5	12.8	4.7	4.0	4.0
Memphis	478.8	487.2	489.4	24.2	23.0	21.9	5.0	4.7	4.5
Nashville	547.4	563.0	564.4	22.4	19.3	17.8	4.1	3.4	3.1
Texas¹	8,727.0	9,037.0	9,071.1	670.7	621.4	629.3	7.7	6.9	6.9
Abilene	52.4	53.6	53.7	3.6	3.5	3.5	6.8	6.6	6.4
Amarillo	97.8	101.1	101.8	5.6	4.8	4.9	5.7	4.7	4.6
Austin	475.0	499.4	501.0	24.0	22.3	22.3	5.1	4.5	4.4
Beaumont-Port Arthur	178.0	183.5	183.8	18.2	18.7	18.8	10.2	10.2	10.2
Brazoria	90.8	93.3	94.2	7.6	7.6	7.7	8.3	8.1	8.2
Brownsville-Harlingen	113.0	120.1	120.5	14.4	14.2	14.5	12.7	11.8	12.0
Bryan-College Station	67.3	71.0	71.9	2.7	2.4	2.7	4.0	3.3	3.7
Corpus Christi	170.2	172.6	172.0	16.2	14.7	15.5	9.5	8.5	9.0
Dallas	1,459.7	1,517.9	1,522.0	103.2	91.2	91.5	7.1	6.0	6.0
El Paso	262.8	273.4	273.1	28.5	28.5	27.5	10.8	10.4	10.1
Fort Worth-Arlington	739.5	763.9	765.6	51.9	44.6	45.6	7.0	5.8	6.0
Galveston-Texas City	119.4	124.0	124.2	10.5	9.9	10.4	8.8	8.0	8.3
Houston	1,763.8	1,811.5	1,815.8	135.2	132.0	133.3	7.7	7.3	7.3
Killeen-Temple	104.3	109.5	109.9	8.3	7.6	7.8	7.9	7.0	7.1
Laredo	58.9	62.3	62.6	6.0	6.0	6.0	10.1	9.6	9.5
Longview-Marshall	80.6	83.1	83.4	7.9	7.5	7.6	9.8	9.1	9.1
Lubbock	115.9	119.2	120.5	7.6	6.2	6.3	6.5	5.2	5.2
McAllen-Edinburg-Mission	167.8	175.0	179.6	28.7	27.4	28.8	17.1	15.6	16.0
Midland	49.1	49.3	49.5	4.0	3.2	3.1	8.1	6.5	6.3
Odessa	53.7	54.8	54.8	5.6	4.7	4.7	10.5	8.7	8.5
San Angelo	46.1	47.6	47.6	2.8	3.0	2.9	6.1	6.2	6.1
San Antonio	630.1	658.6	662.0	41.1	37.4	37.6	6.5	5.7	5.7
Sherman-Denison	46.4	47.8	47.9	3.5	3.0	3.1	7.5	6.3	6.6
Texarkana	56.6	58.8	59.0	4.4	4.9	5.1	7.7	8.4	8.7
Tyler	76.6	78.6	78.4	6.3	5.8	5.5	8.2	7.4	7.0
Victoria	39.7	42.5	43.1	2.5	2.5	2.5	6.4	6.0	5.9
Waco	94.5	97.7	97.5	6.3	5.2	5.4	6.7	5.3	5.6
Wichita Falls	53.7	55.3	55.6	3.9	3.5	3.4	7.2	6.3	6.1
Utah	818.6	860.5	871.8	39.8	26.7	29.1	4.9	3.1	3.3
Provo-Orem	124.9	132.2	134.9	5.5	3.6	3.8	4.4	2.7	2.8
Salt Lake City-Ogden	527.2	551.6	560.2	24.6	16.6	17.7	4.7	3.0	3.2
Vermont	329.2	329.4	327.4	19.4	12.1	13.6	5.9	3.7	4.1
Burlington	83.0	81.2	80.1	3.3	2.5	2.6	4.0	3.0	3.2
Virginia	3,313.8	3,264.1	3,277.9	197.0	168.7	160.1	5.9	5.1	4.9
Charlottesville	72.5	73.1	72.9	3.2	2.7	2.5	4.4	3.7	3.4
Danville	53.0	52.9	52.9	4.0	3.2	3.5	7.5	6.0	6.6
Lynchburg	77.2	77.3	77.7	4.1	3.1	3.3	5.3	4.0	4.3
Norfolk-Virginia Beach-Newport News	658.7	647.8	644.2	43.7	40.1	37.4	6.8	6.2	5.8
Richmond-Petersburg	472.6	471.6	468.1	28.3	22.7	20.9	6.0	4.8	4.5
Roanoke	130.1	128.3	128.8	6.4	5.7	5.5	4.9	4.4	4.3
Washington	2,604.3	2,702.6	2,653.2	208.4	189.2	183.2	8.0	7.0	6.9
Seattle	1,160.0	1,175.8	1,171.6	75.9	73.9	68.5	6.5	6.3	5.8
West Virginia	758.2	773.5	769.8	74.8	72.7	71.0	9.9	9.4	9.2
Charleston	116.5	121.1	120.2	8.7	9.2	8.7	7.5	7.6	7.2
Huntington-Ashland	130.5	129.5	128.7	11.7	11.4	10.1	8.9	8.6	7.9
Parkersburg-Marietta	73.9	73.7	74.3	6.2	5.3	5.4	6.4	7.1	7.2
Wheeling	71.1	70.8	71.1	6.0	5.5	5.6	8.4	7.7	7.9
Wisconsin	2,684.7	2,696.8	2,698.1	103.5	100.3	113.5	3.9	3.7	4.2
Appleton-Oshkosh-Neenah	187.9	186.2	187.9	8.6	6.5	6.8	4.6	3.5	3.6
Eau Claire	74.9	73.4	74.0	3.7	3.0	3.7	5.0	4.2	5.0
Green Bay	122.1	121.3	121.2	5.2	4.0	4.4	4.2	3.3	3.6
Janesville-Beloit	74.9	74.2	74.0	3.0	4.2	4.1	4.0	5.7	5.5
Kenosha	58.1	59.3	59.3	2.2	2.8	2.8	3.7	4.7	4.8
La Crosse	57.9	57.8	57.8	1.5	2.0	2.1	2.6	3.4	3.6
Madison	248.4	249.8	250.5	5.3	4.3	4.6	2.1	1.7	1.9
Milwaukee	775.5	783.1	782.9	24.2	29.4	30.6	3.1	3.8	3.9
Racine	88.6	89.2	89.8	4.3	4.2	4.8	4.8	4.7	5.4
Sheboygan	59.8	58.5	58.5	2.8	1.6	1.7	4.6	2.7	3.0
Wausau	67.5	65.3	66.0	4.0	2.5	3.2	5.9	3.9	4.8
Wyoming	235.9	238.9	237.0	11.1	10.1	10.9	4.7	4.2	4.6
Casper	30.5	29.8	30.2	1.9	1.6	1.7	6.1	5.3	5.7

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

NOTE: Data refer to place of residence. All estimates are provisional and will be revised when new benchmark and population information becomes available. Area definitions are published annually in the May issue of this publication.

Annual Averages

**HOUSEHOLD DATA
ANNUAL AVERAGES**

1. Employment status of the civilian noninstitutional population, 1930 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									
1930	(¹)	49,820	(¹)	45,480	10,340	35,140	4,340	8.7	(¹)
1931	(¹)	50,420	(¹)	42,400	10,290	32,110	8,020	15.9	(¹)
1932	(¹)	51,000	(¹)	38,940	10,170	28,770	12,060	23.6	(¹)
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)	42,260	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	57,851	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	42,767
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	5,588	57,450	4,602	6.8	46,088
1959	115,329	68,369	59.3	64,630	5,585	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	70,814	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	71,086	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	129,674	77,347	59.6	74,372	3,844	70,527	2,975	3.8	52,527
1968	132,028	78,737	59.6	75,820	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	3,483	75,215	4,093	4.9	54,315
1971	140,218	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	88,794	3,515	83,279	5,156	5.8	58,171
1975	153,153	93,775	61.2	85,848	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	119,885	65.6	112,440	3,208	109,232	7,425	6.2	62,888
1988	184,613	121,869	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	62,523
1990	188,049	124,787	66.4	117,914	3,186	114,728	6,874	5.5	63,262
1991	189,765	125,303	66.0	116,877	3,233	113,644	8,426	6.7	64,462
1992	191,576	126,982	66.3	117,598	3,207	114,391	9,384	7.4	64,593
1993	193,550	128,040	66.2	119,306	3,074	116,232	8,734	8.8	65,509

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.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1961 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	
Men									
1961	56,286	46,653	82.9	43,656	4,298	39,359	2,997	6.4	9,633
1962 ¹	56,831	46,900	82.0	44,177	4,069	40,108	2,423	5.2	10,231
1963	57,921	47,129	81.4	44,657	3,809	40,849	2,472	5.2	10,792
1964	58,847	47,679	81.0	45,474	3,691	41,782	2,205	4.6	11,169
1965	59,782	48,255	80.7	46,340	3,547	42,792	1,914	4.0	11,527
1966	60,262	48,471	80.4	46,919	3,243	43,675	1,551	3.2	11,792
1967	60,905	48,987	80.4	47,479	3,164	44,315	1,508	3.1	11,919
1968	61,847	49,533	80.1	48,114	3,157	44,957	1,419	2.9	12,315
1969	62,898	50,221	79.8	48,818	2,963	45,855	1,403	2.8	12,677
1970	64,304	51,228	79.7	48,990	2,862	46,128	2,238	4.4	13,076
1971	65,942	52,160	79.1	49,390	2,795	46,595	2,789	5.3	13,762
1972 ¹	67,835	53,555	78.9	50,896	2,849	48,047	2,659	5.0	14,280
1973 ¹	69,292	54,624	78.8	52,349	2,647	49,502	2,275	4.2	14,667
1974	70,808	55,739	78.7	53,024	2,919	50,105	2,714	4.9	15,069
1975	72,291	56,299	77.9	51,857	2,824	49,032	4,442	7.9	15,993
1976	73,759	57,174	77.5	53,138	2,744	50,394	4,036	7.1	16,585
1977	75,193	58,396	77.7	54,728	2,671	52,057	3,667	6.3	16,797
1978 ¹	76,576	59,620	77.9	56,479	2,718	53,761	3,142	5.3	16,956
1979	78,020	60,726	77.8	57,607	2,686	54,921	3,120	5.1	17,293
1980	79,398	61,453	77.4	57,186	2,709	54,477	4,267	6.9	17,945
1981	80,511	61,974	77.0	57,397	2,700	54,697	4,577	7.4	18,537
1982	81,523	62,450	76.6	58,271	2,736	55,534	8,179	9.9	19,073
1983	82,531	63,047	76.4	58,787	2,704	56,083	6,260	9.9	19,484
1984	83,605	63,835	76.4	59,091	2,668	56,423	4,744	7.4	19,771
1985	84,489	64,411	76.3	59,891	2,535	57,356	4,521	7.0	20,058
1986 ¹	85,798	65,422	76.3	60,892	2,511	58,381	4,530	6.9	20,376
1987	86,899	66,207	76.2	62,107	2,543	59,564	4,101	6.2	20,692
1988	87,857	66,927	76.2	63,273	2,493	60,780	3,655	5.5	20,990
1989	88,762	67,840	76.4	64,315	2,513	61,802	3,525	5.2	20,923
1990	89,650	68,234	76.1	64,435	2,507	61,928	3,799	5.6	21,417
1991	90,552	68,411	75.5	63,593	2,552	61,041	4,817	7.0	22,141
1992	91,541	69,164	75.6	63,805	2,534	61,270	5,380	7.8	22,356
1993	92,620	69,633	75.2	64,700	2,438	62,263	4,932	7.1	22,987
Women									
1961	62,464	23,806	38.1	22,090	902	21,187	1,717	7.2	38,679
1962 ¹	63,321	24,014	37.9	22,525	875	21,651	1,488	6.2	39,308
1963	64,494	24,704	38.3	23,105	878	22,227	1,598	6.5	39,791
1964	65,637	25,412	38.7	23,831	832	23,000	1,581	6.2	40,225
1965	66,731	26,200	39.3	24,748	814	23,934	1,452	5.5	40,531
1966	67,795	27,299	40.3	25,976	736	25,240	1,324	4.8	40,496
1967	68,968	26,360	41.1	26,893	680	26,212	1,468	5.2	40,608
1968	70,179	29,204	41.6	27,807	660	27,147	1,397	4.8	40,976
1969	71,436	30,513	42.7	29,084	643	28,441	1,429	4.7	40,924
1970	72,782	31,543	43.3	29,688	601	29,087	1,855	5.9	41,239
1971	74,274	32,202	43.4	29,976	599	29,377	2,227	6.9	42,072
1972 ¹	76,290	33,479	43.9	31,257	635	30,622	2,222	6.6	42,811
1973 ¹	77,804	34,804	44.7	32,715	622	32,093	2,089	6.0	43,000
1974	79,312	36,211	45.7	33,769	596	33,173	2,441	6.7	43,101
1975	80,860	37,475	46.3	33,989	584	33,404	3,486	9.3	43,386
1976	82,390	38,983	47.3	35,615	588	35,027	3,369	8.6	43,406
1977	83,840	40,613	48.4	37,289	612	36,677	3,324	8.2	43,227
1978 ¹	85,334	42,631	50.0	39,569	669	38,900	3,061	7.2	42,703
1979	86,843	44,235	50.9	41,217	661	40,556	3,018	6.8	42,608
1980	88,348	45,487	51.5	42,117	656	41,461	3,370	7.4	42,861
1981	89,618	46,696	52.1	43,000	867	42,333	3,696	7.9	42,922
1982	90,748	47,755	52.6	43,256	665	42,591	4,499	9.4	42,993
1983	91,684	48,503	52.9	44,047	680	43,367	4,457	9.2	43,161
1984	92,776	49,709	53.6	45,915	653	45,262	3,794	7.6	43,068
1985	93,736	51,050	54.5	47,259	644	46,615	3,791	7.4	42,686
1986 ¹	94,769	52,413	55.3	48,706	852	48,054	3,707	7.1	42,376
1987	95,853	53,658	56.0	50,334	666	49,668	3,324	6.2	42,195
1988	96,756	54,742	56.6	51,696	676	51,020	3,046	5.6	42,014
1989	97,630	56,030	57.4	53,027	687	52,341	3,003	5.4	41,601
1990	98,399	56,554	57.5	53,479	679	52,800	3,075	5.4	41,845
1991	99,214	56,893	57.3	53,284	882	52,602	3,609	6.3	42,321
1992	100,035	57,798	57.8	53,793	673	53,121	4,005	6.9	42,237
1993	100,930	58,407	57.9	54,806	636	53,970	3,801	6.5	42,522

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

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Age, sex, and race	1993										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
TOTAL											
16 years and over	193,550	128,040	66.2	119,306	8,734	6.8	65,509	24,050	7,866	4,253	29,340
16 to 19 years	13,255	8,626	51.5	5,530	1,296	19.0	6,429	448	4,850	25	1,108
16 to 17 years	6,711	2,722	40.6	2,142	580	21.3	3,990	134	3,204	7	645
18 to 19 years	6,543	4,104	62.7	3,388	716	17.5	2,439	314	1,646	18	461
20 to 24 years	17,585	13,558	77.1	12,137	1,421	10.5	4,027	1,346	1,781	113	789
25 to 54 years	110,508	92,271	83.5	88,920	5,350	5.6	18,237	11,139	1,195	1,926	3,977
25 to 34 years	41,314	34,465	83.4	32,107	2,358	6.8	6,850	4,372	769	405	1,304
25 to 29 years	19,203	15,994	83.3	14,811	1,183	7.4	3,210	1,985	471	153	600
30 to 34 years	22,111	18,471	83.5	17,297	1,175	6.4	3,640	2,387	298	252	703
35 to 44 years	40,339	34,264	84.9	32,402	1,662	5.4	6,075	3,817	313	672	1,273
35 to 39 years	21,433	18,108	84.5	17,043	1,065	5.9	3,325	2,162	192	317	655
40 to 44 years	18,906	16,156	85.5	15,359	797	4.9	2,750	1,655	121	356	619
45 to 54 years	28,854	23,542	81.6	22,412	1,130	4.8	5,313	2,950	113	849	1,400
45 to 49 years	15,962	13,398	83.9	12,763	633	4.7	2,567	1,460	77	393	637
50 to 54 years	12,892	10,146	78.7	9,849	497	4.9	2,746	1,491	37	455	764
55 to 64 years	21,037	11,867	56.4	11,311	558	4.7	9,170	3,609	26	891	4,644
55 to 59 years	10,773	7,237	67.2	6,896	341	4.7	3,536	1,656	18	471	1,391
60 to 64 years	10,264	4,630	45.1	4,415	215	4.6	5,634	1,953	8	420	3,253
65 years and over	31,166	3,520	11.3	3,409	111	3.2	27,646	7,508	15	1,298	18,624
65 to 69 years	10,048	2,042	20.3	1,975	67	3.3	6,006	2,290	6	302	5,409
70 to 74 years	6,541	933	10.9	909	24	2.5	7,609	2,050	4	255	5,300
75 years and over	12,576	545	4.3	525	20	3.7	12,031	3,168	6	741	8,116
Men											
16 years and over	92,620	69,633	75.2	64,700	4,932	7.1	22,987	656	3,882	2,297	16,152
16 to 19 years	6,713	3,564	53.1	2,836	728	20.4	3,149	45	2,500	15	588
16 to 17 years	3,435	1,433	41.7	1,108	327	22.8	2,002	20	1,650	4	328
18 to 19 years	3,276	2,131	65.0	1,730	402	18.8	1,146	25	850	11	260
20 to 24 years	8,616	7,164	83.1	6,356	808	11.3	1,452	44	907	72	429
25 to 54 years	54,232	50,225	92.6	47,239	2,986	5.9	4,007	325	463	1,214	2,005
25 to 34 years	20,381	19,053	93.5	17,734	1,319	6.9	1,328	120	320	266	622
25 to 29 years	9,443	8,783	93.0	8,128	657	7.5	660	54	208	103	294
30 to 34 years	10,938	10,270	93.9	9,608	663	6.5	668	66	112	163	328
35 to 44 years	19,829	18,537	93.5	17,508	1,029	5.6	1,292	117	106	425	645
35 to 39 years	10,564	9,906	93.8	9,316	588	5.9	856	67	64	201	326
40 to 44 years	9,266	8,631	93.1	8,190	441	5.1	635	49	42	224	319
45 to 54 years	14,021	12,634	90.1	11,997	638	5.0	1,387	89	37	523	738
45 to 49 years	7,774	7,131	91.7	6,782	349	4.9	643	42	26	247	328
50 to 54 years	6,248	5,503	88.1	5,215	288	5.2	744	47	12	276	410
55 to 64 years	9,980	6,639	66.5	6,294	345	5.2	3,341	75	7	499	2,760
55 to 59 years	5,146	4,022	78.2	3,811	211	5.2	1,124	36	5	282	821
60 to 64 years	4,834	2,616	54.1	2,482	134	5.1	2,218	40	2	237	1,939
65 years and over	13,079	2,041	15.8	1,976	65	3.2	11,038	166	5	497	10,370
65 to 69 years	4,560	1,162	25.4	1,119	43	3.7	3,416	47	2	156	3,213
70 to 74 years	3,765	555	14.7	543	11	2.0	3,210	48	2	112	3,049
75 years and over	4,735	324	6.9	313	11	3.4	4,410	72	1	229	4,108
Women											
16 years and over	100,930	58,407	57.9	54,606	3,801	6.5	42,522	23,394	3,985	1,956	13,188
16 to 19 years	6,542	3,261	49.9	2,694	568	17.4	3,290	403	2,350	10	518
16 to 17 years	3,276	1,289	39.3	1,036	253	19.6	1,967	114	1,554	3	317
18 to 19 years	3,266	1,973	60.4	1,858	315	18.0	1,293	289	796	7	201
20 to 24 years	8,969	6,393	71.3	5,780	613	9.6	2,576	1,301	874	41	359
25 to 54 years	56,276	42,046	74.7	39,882	2,364	5.6	14,230	10,814	732	712	1,972
25 to 34 years	20,933	15,412	73.6	14,373	1,038	8.7	5,522	4,252	449	139	881
25 to 29 years	9,761	7,211	73.9	6,884	526	7.3	2,550	1,931	263	50	306
30 to 34 years	11,173	8,201	73.4	7,689	512	6.2	2,972	2,321	186	89	376
35 to 44 years	20,510	15,727	76.7	14,894	833	5.3	4,783	3,700	207	247	628
35 to 39 years	10,870	8,202	75.5	7,725	477	5.8	2,668	2,095	128	115	329
40 to 44 years	9,640	7,525	78.1	7,168	357	4.7	2,115	1,606	78	132	299
45 to 54 years	14,833	10,907	73.5	10,415	492	4.5	3,926	2,861	76	326	662
45 to 49 years	8,188	6,264	76.5	5,981	263	4.5	1,924	1,417	51	147	309
50 to 54 years	6,645	4,643	69.9	4,434	209	4.5	2,002	1,444	25	179	354
55 to 64 years	11,056	5,228	47.3	5,017	211	4.0	5,828	3,533	18	393	1,884
55 to 59 years	5,627	3,215	57.1	3,085	130	4.0	2,412	1,620	12	209	570
60 to 64 years	5,430	2,013	37.1	1,933	81	4.0	3,417	1,913	6	183	1,314
65 years and over	18,086	1,479	8.2	1,433	46	3.1	16,608	7,343	10	801	8,455
65 to 69 years	5,468	880	16.1	855	24	2.8	4,589	2,244	4	145	2,196
70 to 74 years	4,777	378	7.9	366	12	3.3	4,399	2,003	2	143	2,251
75 years and over	7,641	221	2.8	212	9	4.1	7,620	3,096	5	512	4,008

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Age, sex, and race	1993										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
WHITE											
16 years and over	163,921	109,359	66.7	102,812	6,547	6.0	54,562	20,381	5,783	3,173	25,225
16 to 19 years	10,579	5,831	55.1	4,887	943	16.2	4,748	316	3,598	18	816
16 to 17 years	5,349	2,371	44.3	1,922	449	19.0	2,977	96	2,395	4	482
18 to 19 years	5,230	3,459	66.1	2,965	494	14.3	1,771	220	1,203	14	334
20 to 24 years	14,288	11,360	79.5	10,389	991	8.7	2,928	1,014	1,299	71	544
25 to 54 years	93,066	78,594	84.4	74,525	4,069	5.2	14,472	9,167	857	1,413	3,035
25 to 34 years	34,285	28,996	84.6	27,256	1,740	6.0	5,289	3,517	536	277	960
25 to 29 years	15,822	13,421	84.8	12,537	884	6.6	2,402	1,553	316	98	434
30 to 34 years	16,463	15,575	64.4	14,720	855	5.5	2,888	1,963	220	179	526
35 to 44 years	34,057	29,190	85.7	27,777	1,413	4.8	4,866	3,164	231	505	966
35 to 39 years	18,012	15,357	85.3	14,560	798	5.2	2,654	1,782	140	242	490
40 to 44 years	16,045	13,833	88.2	13,217	616	4.5	2,212	1,381	91	283	476
45 to 54 years	24,724	20,407	82.5	19,491	916	4.5	4,316	2,487	90	631	1,109
45 to 49 years	13,708	11,626	84.8	11,114	512	4.4	2,081	1,220	60	293	508
50 to 54 years	11,016	8,781	79.7	8,377	404	4.6	2,235	1,267	29	337	601
55 to 64 years	18,170	10,385	57.2	9,936	449	4.3	7,785	3,109	17	652	4,008
55 to 59 years	9,247	6,309	68.2	6,035	273	4.3	2,938	1,421	11	335	1,171
60 to 64 years	8,923	4,077	45.7	3,901	176	4.3	4,847	1,688	6	317	2,836
65 years and over	27,818	3,189	11.5	3,095	94	2.9	24,629	6,775	12	1,019	16,822
65 to 69 years	8,867	1,838	20.7	1,783	56	3.0	7,029	2,033	5	230	4,761
70 to 74 years	7,586	850	11.2	829	21	2.5	6,736	1,843	4	189	4,701
75 years and over	11,364	501	4.4	483	17	3.5	10,863	2,899	4	600	7,360
Men											
16 years and over	79,080	60,150	76.1	56,397	3,753	6.2	18,929	438	2,867	1,728	13,896
16 to 19 years	5,369	3,035	56.5	2,500	535	17.6	2,333	25	1,868	11	429
16 to 17 years	2,741	1,240	45.2	990	249	20.1	1,502	11	1,245	3	243
18 to 19 years	2,627	1,796	68.3	1,510	286	15.9	832	14	623	8	186
20 to 24 years	7,053	6,021	85.4	5,448	573	9.5	1,031	24	677	43	287
25 to 54 years	46,250	43,359	93.8	41,043	2,316	5.3	2,891	208	312	899	1,472
25 to 34 years	17,124	16,217	94.7	15,211	1,006	6.2	907	74	216	185	432
25 to 29 years	7,880	7,447	94.5	6,938	509	6.8	434	32	136	65	201
30 to 34 years	9,244	8,770	94.9	8,273	497	5.7	473	43	80	120	231
35 to 44 years	16,973	16,043	94.5	15,248	795	5.0	930	74	72	320	464
35 to 39 years	9,008	8,539	94.8	8,091	448	5.2	469	44	41	154	230
40 to 44 years	7,965	7,504	94.2	7,157	347	4.6	462	30	30	187	234
45 to 54 years	12,153	11,099	91.3	10,584	516	4.6	1,053	60	24	394	575
45 to 49 years	6,760	6,273	92.8	5,993	280	4.5	487	27	17	187	257
50 to 54 years	5,393	4,826	89.5	4,590	236	4.9	566	33	8	207	319
55 to 64 years	8,695	5,861	67.4	5,588	274	4.7	2,834	55	5	381	2,393
55 to 59 years	4,460	3,540	79.4	3,371	169	4.8	920	25	4	195	696
60 to 64 years	4,235	2,322	54.8	2,217	105	4.5	1,914	30	1	185	1,697
65 years and over	11,713	1,873	16.0	1,818	55	2.9	9,840	126	5	394	9,315
65 to 69 years	4,063	1,058	26.0	1,023	35	3.3	3,005	34	2	120	2,849
70 to 74 years	3,358	514	15.3	505	10	1.9	2,844	35	2	85	2,722
75 years and over	4,292	301	7.0	291	9	3.2	3,991	56	1	189	3,744
Women											
16 years and over	84,841	49,208	58.0	46,415	2,793	5.7	35,633	19,943	2,916	1,446	11,328
16 to 19 years	5,210	2,795	53.7	2,387	408	14.6	2,415	291	1,730	7	386
16 to 17 years	2,607	1,132	43.4	932	200	17.7	1,476	85	1,151	2	238
18 to 19 years	2,603	1,664	63.9	1,456	208	12.5	939	207	579	6	148
20 to 24 years	7,236	5,339	73.8	4,921	418	7.8	1,897	990	622	28	257
25 to 54 years	46,616	35,234	75.3	33,481	1,753	5.0	11,582	8,959	545	514	1,564
25 to 34 years	17,161	12,779	74.5	12,045	734	5.7	4,382	3,442	320	92	528
25 to 29 years	7,942	5,974	75.2	5,599	375	8.3	1,988	1,522	180	33	234
30 to 34 years	9,219	6,805	73.8	6,446	359	5.3	2,414	1,921	140	59	294
35 to 44 years	17,084	13,148	77.0	12,529	619	4.7	3,936	3,090	159	185	502
35 to 39 years	9,004	6,818	75.7	6,469	350	5.1	2,186	1,738	98	89	260
40 to 44 years	8,079	6,329	78.3	6,060	269	4.2	1,750	1,351	61	96	242
45 to 54 years	12,571	9,308	74.0	8,907	400	4.3	3,263	2,427	65	237	533
45 to 49 years	6,947	5,353	77.1	5,121	232	4.3	1,594	1,193	44	107	251
50 to 54 years	5,624	3,955	70.3	3,787	168	4.3	1,669	1,234	22	131	282
55 to 64 years	9,475	4,524	47.7	4,349	175	3.9	4,951	3,054	11	271	1,614
55 to 59 years	4,787	2,769	57.8	2,665	104	3.8	2,018	1,396	7	140	475
60 to 64 years	4,688	1,755	37.4	1,684	71	4.0	2,933	1,658	4	132	1,139
65 years and over	16,104	1,316	8.2	1,277	39	3.0	14,788	6,649	8	625	7,507
65 to 69 years	4,804	780	16.2	760	20	2.6	4,023	1,999	3	110	1,912
70 to 74 years	4,228	335	7.9	324	11	3.3	3,893	1,807	2	104	1,979
75 years and over	7,073	200	2.8	192	8	4.0	6,872	2,842	3	411	3,616

**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	1993										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
BLACK											
16 years and over	22,329	13,943	62.4	12,146	1,796	12.9	8,386	2,690	1,468	947	3,282
16 to 19 years	2,099	776	37.0	474	302	38.9	1,323	110	969	6	237
16 to 17 years	1,077	274	25.5	165	109	39.7	802	30	636	2	134
18 to 19 years	1,022	502	49.1	309	193	38.4	520	80	333	4	103
20 to 24 years	2,486	1,689	68.0	1,319	371	22.0	797	267	302	36	192
25 to 54 years	12,669	10,119	76.5	9,066	1,033	10.2	2,770	1,380	190	444	757
25 to 34 years	5,319	4,168	76.4	3,643	525	12.6	1,151	630	132	113	276
25 to 29 years	2,567	1,967	76.6	1,712	256	13.0	600	326	85	49	137
30 to 34 years	2,752	2,201	80.0	1,931	269	12.2	551	301	47	64	139
35 to 44 years	4,616	3,738	81.0	3,383	355	9.5	878	443	44	146	245
35 to 39 years	2,533	2,058	81.2	1,844	213	10.4	476	255	25	63	132
40 to 44 years	2,083	1,680	80.7	1,538	142	8.5	403	168	19	83	113
45 to 54 years	2,953	2,213	74.9	2,060	153	6.9	740	307	13	185	236
45 to 49 years	1,593	1,245	78.1	1,160	84	6.8	348	152	10	83	103
50 to 54 years	1,381	968	71.2	900	68	7.0	392	155	3	102	133
55 to 64 years	2,183	1,102	50.5	1,023	79	7.2	1,081	361	6	210	504
55 to 59 years	1,152	679	59.0	627	52	7.6	472	168	5	122	178
60 to 64 years	1,031	422	41.0	395	27	6.4	609	194	1	88	326
65 years and over	2,673	257	9.6	245	12	4.7	2,416	572	2	250	1,592
65 to 69 years	924	160	17.3	151	9	5.5	764	191	-	83	510
70 to 74 years	767	62	8.0	60	2	3.2	706	168	-	59	480
75 years and over	981	35	3.6	34	1	3.4	946	216	1	128	602
Men											
16 years and over	10,078	6,911	68.6	5,957	954	13.8	3,167	183	694	491	1,798
16 to 19 years	1,047	413	39.5	247	166	40.1	634	18	486	4	126
16 to 17 years	546	151	27.6	86	64	42.7	395	8	319	1	68
18 to 19 years	501	263	52.4	161	101	38.6	239	10	167	3	59
20 to 24 years	1,153	854	74.1	658	196	23.0	299	16	140	28	116
25 to 54 years	5,614	4,953	85.2	4,419	534	10.8	862	98	68	267	429
25 to 34 years	2,422	2,115	87.3	1,854	261	12.3	308	40	47	70	150
25 to 29 years	1,172	1,006	85.8	881	125	12.4	166	20	35	34	76
30 to 34 years	1,250	1,109	88.7	973	136	12.2	141	20	13	36	72
35 to 44 years	2,077	1,788	86.1	1,600	188	10.5	289	38	16	90	147
35 to 39 years	1,144	996	87.1	885	111	11.2	148	19	10	40	78
40 to 44 years	932	792	84.9	715	77	9.7	140	17	6	50	69
45 to 54 years	1,315	1,050	79.8	964	65	8.1	266	22	5	107	131
45 to 49 years	707	566	82.9	538	48	6.2	121	11	4	49	57
50 to 54 years	608	483	78.2	426	37	8.1	145	11	1	59	75
55 to 64 years	977	566	57.9	515	51	9.1	411	16	1	104	291
55 to 59 years	519	347	66.9	315	32	9.2	172	9	1	60	102
60 to 64 years	458	219	47.7	199	19	8.8	240	7	-	44	189
65 years and over	1,067	126	11.6	119	7	5.7	961	35	-	90	836
65 to 69 years	408	78	19.1	72	6	7.4	330	11	-	31	289
70 to 74 years	327	29	9.0	28	1	(¹)	298	11	-	24	264
75 years and over	351	18	5.3	18	-	(¹)	333	14	-	35	284
Women											
16 years and over	12,251	7,031	57.4	6,189	842	12.0	5,220	2,507	774	455	1,484
16 to 19 years	1,051	363	34.5	227	138	37.5	688	92	484	2	110
16 to 17 years	531	124	23.3	79	45	36.1	407	23	318	1	66
18 to 19 years	521	239	46.0	148	91	38.2	281	69	168	1	44
20 to 24 years	1,334	835	62.6	661	174	20.9	498	250	162	10	76
25 to 54 years	7,075	5,166	73.0	4,667	499	9.7	1,908	1,282	122	177	326
25 to 34 years	2,897	2,053	70.9	1,789	264	12.9	844	590	85	43	126
25 to 29 years	1,395	962	68.9	831	131	13.6	434	308	50	16	59
30 to 34 years	1,502	1,092	72.7	958	134	12.2	410	281	35	27	67
35 to 44 years	2,540	1,950	76.6	1,763	167	8.6	590	407	29	56	98
35 to 39 years	1,389	1,061	76.4	960	102	9.6	327	236	15	23	53
40 to 44 years	1,151	889	77.2	823	66	7.4	262	171	14	33	44
45 to 54 years	1,636	1,163	71.0	1,096	67	5.8	475	285	8	78	104
45 to 49 years	886	658	74.3	622	36	5.5	227	141	6	35	46
50 to 54 years	752	505	67.1	474	31	6.1	247	144	2	43	56
55 to 64 years	1,206	536	44.4	508	28	5.2	670	348	5	106	213
55 to 59 years	633	332	52.5	312	20	6.0	301	159	4	62	78
60 to 64 years	573	204	35.6	196	8	3.8	369	187	1	45	137
65 years and over	1,586	131	8.2	126	5	3.8	1,455	537	2	160	756
65 to 69 years	516	82	15.9	79	3	3.7	434	180	-	32	222
70 to 74 years	440	32	7.3	31	1	(¹)	408	156	-	36	216
75 years and over	630	18	2.6	16	1	(¹)	614	202	1	92	318

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

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

(Numbers in thousands)

Age and sex	1993								Not in labor force
	Civilian noninstitutional population	Civilian labor force							
		Total	Percent of population	Employed			Unemployed		
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL									
16 years and over	29,629	16,681	63.1	16,494	210	16,284	2,187	11.7	10,947
16 to 19 years	2,676	995	37.2	642	14	629	353	35.4	1,681
16 to 17 years	1,363	350	25.7	220	6	214	130	37.2	1,012
18 to 19 years	1,313	645	49.1	422	8	414	222	34.5	668
20 to 24 years	3,297	2,197	66.7	1,768	18	1,750	430	19.6	1,099
25 to 54 years	17,442	13,677	78.4	12,396	138	12,258	1,281	9.4	3,765
25 to 34 years	7,029	5,469	77.8	4,851	54	4,796	618	11.3	1,560
25 to 29 years	3,381	2,573	76.1	2,274	27	2,246	299	11.6	808
30 to 34 years	3,648	2,896	79.4	2,577	27	2,550	319	11.0	752
35 to 44 years	6,282	5,074	80.8	4,625	54	4,572	449	8.8	1,209
35 to 39 years	3,421	2,751	80.4	2,484	33	2,450	267	9.7	671
40 to 44 years	2,861	2,323	81.2	2,141	20	2,121	182	7.8	538
45 to 54 years	4,131	3,134	75.9	2,920	30	2,890	214	6.8	996
45 to 49 years	2,255	1,769	78.5	1,649	13	1,636	121	6.8	485
50 to 54 years	1,876	1,365	72.8	1,272	17	1,254	93	6.8	511
55 to 64 years	2,866	1,481	51.7	1,375	26	1,348	107	7.2	1,385
55 to 59 years	1,526	928	60.9	861	16	845	67	7.3	597
60 to 64 years	1,340	553	41.3	514	10	504	39	7.1	788
65 years and over	3,348	331	9.9	314	15	299	17	5.1	3,017
65 to 69 years	1,181	204	17.2	192	6	186	12	5.7	978
70 to 74 years	955	83	8.7	80	7	74	3	3.3	872
75 years and over	1,211	44	3.6	42	2	40	3	5.8	1,167
Men									
16 years and over	13,540	9,482	70.0	8,303	164	8,119	1,179	12.4	4,058
16 to 19 years	1,344	529	39.3	336	12	323	193	36.5	815
16 to 17 years	694	193	27.9	116	5	111	77	40.0	501
18 to 19 years	650	336	51.6	220	7	213	116	34.5	315
20 to 24 years	1,563	1,143	73.1	908	16	893	234	20.5	421
25 to 54 years	7,982	6,865	86.0	6,196	120	6,075	670	9.8	1,117
25 to 34 years	3,257	2,836	87.1	2,522	50	2,472	314	11.1	421
25 to 29 years	1,562	1,336	85.5	1,188	26	1,162	148	11.1	226
30 to 34 years	1,695	1,500	88.5	1,334	25	1,310	166	11.0	195
35 to 44 years	2,856	2,494	87.3	2,260	45	2,216	234	9.4	362
35 to 39 years	1,556	1,367	87.9	1,227	28	1,200	140	10.2	189
40 to 44 years	1,300	1,127	86.7	1,033	17	1,016	94	8.3	173
45 to 54 years	1,869	1,535	82.1	1,413	25	1,388	122	8.0	334
45 to 49 years	1,014	858	84.7	788	10	778	70	8.1	155
50 to 54 years	855	677	79.1	624	15	609	52	7.7	178
55 to 64 years	1,285	777	60.5	706	24	682	71	9.2	507
55 to 59 years	686	483	70.3	441	14	426	42	8.7	204
60 to 64 years	598	295	49.2	265	9	256	29	9.9	304
65 years and over	1,366	168	12.3	158	12	146	11	6.4	1,198
65 to 69 years	517	104	20.2	97	5	91	8	7.4	412
70 to 74 years	406	40	9.9	39	5	34	1	3.5	366
75 years and over	443	24	5.4	22	2	20	2	(¹)	419
Women									
16 years and over	16,089	9,199	57.2	8,191	27	8,164	1,008	11.0	6,890
16 to 19 years	1,332	466	35.0	307	1	305	160	34.2	886
16 to 17 years	669	157	23.5	104	1	103	53	33.7	512
18 to 19 years	663	309	46.6	202	1	202	107	34.5	354
20 to 24 years	1,733	1,055	60.9	859	2	857	196	18.5	679
25 to 54 years	9,460	8,812	72.0	6,200	18	6,182	611	9.0	2,648
25 to 34 years	3,772	2,633	69.8	2,328	4	2,324	304	11.6	1,139
25 to 29 years	1,818	1,237	68.0	1,086	2	1,084	151	12.2	582
30 to 34 years	1,953	1,396	71.5	1,243	2	1,241	154	11.0	557
35 to 44 years	3,426	2,579	75.3	2,365	9	2,356	215	8.3	847
35 to 39 years	1,865	1,384	74.2	1,257	6	1,251	127	9.2	482
40 to 44 years	1,561	1,196	76.6	1,108	3	1,105	88	7.3	365
45 to 54 years	2,262	1,600	70.7	1,508	5	1,502	92	5.8	663
45 to 49 years	1,241	911	73.4	860	3	857	51	5.6	330
50 to 54 years	1,021	688	67.4	647	2	645	41	6.0	333
55 to 84 years	1,581	704	44.5	669	3	666	35	5.0	878
55 to 59 years	839	446	53.1	420	2	418	26	5.7	394
60 to 84 years	742	258	34.8	248	1	248	10	3.8	484
65 years and over	1,982	163	8.2	158	3	154	6	3.8	1,820
65 to 69 years	665	100	15.0	96	1	95	4	3.9	565
70 to 74 years	549	43	7.8	41	2	40	1	3.2	506
75 years and over	768	20	2.7	19	-	19	1	(¹)	748

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

**HOUSEHOLD DATA
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5. 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	
	1992	1993	1992	1993	1992	1993	1992	1993
TOTAL								
Civilian noninstitutional population	191,576	193,550	84,891	85,907	93,524	94,388	13,161	13,255
Civilian labor force	126,982	128,040	65,638	66,069	54,594	55,146	6,751	6,826
Percent of population	66.3	66.2	77.3	76.9	58.4	58.4	51.3	51.5
Employed	117,598	119,306	61,019	61,865	51,181	51,912	5,398	5,530
Agriculture	3,207	3,074	2,355	2,263	627	599	225	212
Nonagricultural industries	114,391	116,232	58,664	59,602	50,553	51,313	5,174	5,317
Unemployed	9,384	8,734	4,619	4,204	3,413	3,234	1,352	1,296
Unemployment rate	7.4	6.8	7.0	6.4	6.3	5.9	20.0	19.0
Not in labor force	64,593	65,509	19,253	19,838	38,930	39,242	6,411	6,429
White								
Civilian noninstitutional population	162,658	163,921	73,031	73,711	79,120	79,631	10,506	10,579
Civilian labor force	108,526	109,359	56,811	57,115	45,970	46,413	5,744	5,831
Percent of population	66.7	66.7	77.8	77.5	58.1	58.3	54.7	55.1
Employed	101,479	102,812	53,245	53,897	43,473	44,028	4,761	4,887
Agriculture	2,987	2,864	2,174	2,091	597	574	216	199
Nonagricultural industries	98,492	99,948	51,071	51,806	42,876	43,454	4,545	4,689
Unemployed	7,047	6,547	3,566	3,218	2,497	2,385	983	943
Unemployment rate	6.5	6.0	6.3	5.6	5.4	5.1	17.1	16.2
Not in labor force	54,132	54,562	16,220	16,596	33,150	33,218	4,762	4,748
Black								
Civilian noninstitutional population	21,958	22,329	8,858	9,031	11,025	11,200	2,074	2,099
Civilian labor force	13,891	13,943	6,472	6,498	6,631	6,668	787	776
Percent of population	63.3	62.4	73.1	72.0	60.1	59.5	37.9	37.0
Employed	11,933	12,146	5,603	5,710	5,856	5,962	474	474
Agriculture	153	142	132	120	15	13	7	9
Nonagricultural industries	11,780	12,004	5,471	5,590	5,841	5,949	467	466
Unemployed	1,958	1,796	869	789	775	706	313	302
Unemployment rate	14.1	12.9	13.4	12.1	11.7	10.6	39.8	38.9
Not in labor force	8,067	8,386	2,386	2,532	4,394	4,532	1,287	1,323

6. 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)

Employment status, educational attainment, race, and Hispanic origin	1993									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	
TOTAL ENROLLED										
Total, 16 to 24 years	13,109	6,284	47.9	5,427	1,103	4,324	856	185	671	13.6
16 to 19 years	8,546	3,572	41.8	2,931	290	2,641	641	95	546	17.9
20 to 24 years	4,563	2,712	59.4	2,497	813	1,683	215	90	125	7.9
High school	6,527	2,512	38.5	1,993	135	1,858	520	75	445	20.7
College	6,582	3,771	57.3	3,435	968	2,466	337	110	227	8.9
Full-time students	5,500	2,830	51.5	2,562	448	2,114	268	73	195	9.5
Part-time students	1,082	942	87.0	873	520	352	69	37	32	7.3
Men, 16 to 24 years	6,595	3,103	47.0	2,628	556	2,072	475	101	374	15.3
16 to 19 years	4,351	1,792	41.2	1,437	149	1,288	355	51	305	19.8
20 to 24 years	2,245	1,311	58.4	1,191	407	785	120	50	70	9.2
High school	3,465	1,350	39.0	1,053	81	972	297	43	254	22.0
College	3,131	1,753	56.0	1,575	474	1,100	179	58	120	10.2
Full-time students	2,660	1,331	50.0	1,184	237	947	147	42	105	11.1
Part-time students	470	422	89.7	391	237	154	31	16	15	7.4
Women, 16 to 24 years	6,514	3,181	48.8	2,800	547	2,252	381	84	297	12.0
16 to 19 years	4,195	1,780	42.4	1,494	141	1,354	286	45	241	16.1
20 to 24 years	2,319	1,401	60.4	1,305	407	899	95	40	56	6.8
High school	3,062	1,163	38.0	939	53	886	223	33	191	19.2
College	3,452	2,018	58.5	1,860	494	1,366	158	52	106	7.8
Full-time students	2,840	1,499	52.8	1,378	211	1,167	120	31	90	8.0
Part-time students	612	520	84.9	482	283	199	38	21	17	7.2
White										
Total, 16 to 24 years	10,434	5,386	51.6	4,751	951	3,799	635	128	508	11.8
16 to 19 years	6,781	3,093	45.6	2,612	253	2,358	482	66	416	15.6
20 to 24 years	3,653	2,293	62.8	2,139	698	1,441	153	61	92	6.7
Men	5,270	2,658	50.4	2,305	486	1,819	353	70	284	13.3
Women	5,164	2,728	52.8	2,446	466	1,980	282	58	224	10.3
High school	5,085	2,155	42.4	1,765	114	1,652	390	51	339	18.1
College	5,349	3,231	60.4	2,985	838	2,147	246	77	169	7.6
Full-time students	4,454	2,438	54.7	2,239	386	1,853	199	51	148	8.2
Part-time students	894	793	88.7	747	452	294	47	26	21	5.9
Black										
Total, 16 to 24 years	1,921	618	32.2	440	103	337	178	48	131	28.8
16 to 19 years	1,360	362	26.6	230	28	202	133	26	107	36.6
20 to 24 years	561	256	45.6	210	75	135	46	22	24	17.9
Men	935	297	31.8	200	42	158	97	24	73	32.7
Women	986	321	32.6	240	61	179	81	24	58	25.3
High school	1,140	279	24.5	169	16	152	110	23	88	39.6
College	781	339	43.4	271	86	185	68	25	43	20.0
Full-time students	656	243	37.0	192	42	149	51	16	35	21.0
Part-time students	125	97	77.4	80	44	36	17	9	8	17.5
Hispanic origin										
Total, 16 to 24 years	1,230	493	40.1	387	100	287	108	25	80	21.4
16 to 19 years	877	276	31.5	199	27	172	78	14	64	26.2
20 to 24 years	353	216	61.3	189	74	115	28	11	17	12.8
Men	606	251	41.4	194	50	143	57	12	45	22.8
Women	624	242	38.8	194	50	143	48	13	36	20.0
High school	752	206	27.4	138	18	120	68	12	56	32.8
College	478	287	60.1	249	82	167	38	14	24	13.2
Full-time students	358	185	51.7	161	30	131	24	6	18	13.1
Part-time students	119	102	85.2	86	52	36	14	8	6	13.5

See footnotes at end of table.

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6. 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)

Employment status, educational attainment, race, and Hispanic origin	1993									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	Percent of labor force
TOTAL NOT ENROLLED										
Total, 16 to 24 years	17,731	14,099	79.5	12,239	9,606	2,633	1,861	1,584	276	13.2
16 to 19 years	4,709	3,254	89.1	2,599	1,496	1,103	855	494	161	20.1
20 to 24 years	13,022	10,846	83.3	9,640	8,110	1,531	1,206	1,091	115	11.1
Less than a high school diploma	4,862	2,983	61.4	2,303	1,492	810	680	547	133	22.8
High school graduates, no college	6,991	5,791	82.8	5,035	4,061	974	756	673	83	13.1
Less than a bachelor's degree	4,356	3,871	88.9	3,536	2,835	700	336	262	54	8.7
College graduates	1,522	1,454	95.5	1,366	1,217	148	89	82	6	6.1
Men, 16 to 24 years	6,733	7,625	87.3	6,584	5,454	1,110	1,061	947	114	13.9
16 to 19 years	2,382	1,772	75.0	1,399	893	506	373	292	81	21.1
20 to 24 years	6,371	5,853	91.9	5,185	4,561	604	688	654	34	11.7
Less than a high school diploma	2,554	1,928	75.5	1,505	1,088	417	423	357	66	21.9
High school graduates, no college	3,511	3,210	91.4	2,784	2,408	376	426	401	25	13.3
Less than a bachelor's degree	2,028	1,871	92.4	1,704	1,438	266	167	148	20	8.9
College graduates	643	618	95.8	571	520	51	45	41	4	7.2
Women, 16 to 24 years	8,997	6,474	72.0	5,674	4,152	1,523	800	638	162	12.4
16 to 19 years	2,347	1,481	63.1	1,200	604	596	282	201	80	19.0
20 to 24 years	6,651	4,993	75.1	4,475	3,548	927	516	436	82	10.4
Less than a high school diploma	2,307	1,055	45.7	798	404	394	257	190	68	24.4
High school graduates, no college	3,480	2,581	74.2	2,251	1,653	598	330	272	58	12.8
Less than a bachelor's degree	2,330	2,000	85.8	1,832	1,397	434	168	134	34	8.4
College graduates	880	838	95.3	794	698	97	44	42	2	5.2
White										
Total, 16 to 24 years	14,433	11,605	81.8	10,505	8,289	2,216	1,299	1,097	202	11.0
16 to 19 years	3,796	2,737	72.1	2,276	1,328	947	482	345	116	16.9
20 to 24 years	10,635	9,067	85.3	8,230	6,961	1,269	838	751	86	9.2
Men	7,151	6,398	89.5	5,643	4,728	915	755	669	86	11.8
Women	7,282	5,406	74.2	4,863	3,561	1,302	544	428	116	10.1
Less than a high school diploma	3,825	2,466	64.5	1,983	1,287	696	483	389	93	19.6
High school graduates, no college	5,599	4,749	84.8	4,242	3,445	797	508	442	66	10.7
Less than a bachelor's degree	3,845	3,279	90.0	3,045	2,456	589	234	194	39	7.1
College graduates	1,364	1,310	96.1	1,235	1,101	134	75	71	4	5.7
Black										
Total, 16 to 24 years	2,964	1,847	69.3	1,353	1,016	338	494	433	61	26.8
16 to 19 years	739	414	56.0	245	120	124	169	132	38	40.9
20 to 24 years	1,925	1,434	74.5	1,109	895	213	325	302	24	22.7
Men	1,265	970	76.7	705	548	159	265	243	22	27.3
Women	1,399	877	62.7	648	470	178	229	191	39	26.1
Less than a high school diploma	840	401	47.8	226	137	89	175	140	34	43.5
High school graduates, no college	1,178	888	75.4	662	506	156	226	212	14	25.5
Less than a bachelor's degree	553	471	85.1	387	303	84	83	73	11	17.7
College graduates	94	88	93.7	78	70	8	10	8	2	11.3
Hispanic origin										
Total, 16 to 24 years	2,303	1,623	70.5	1,364	1,100	264	259	229	30	15.9
16 to 19 years	638	383	60.1	288	193	95	95	79	16	24.8
20 to 24 years	1,665	1,239	74.4	1,076	907	169	164	150	13	13.2
Men	1,175	1,029	87.6	874	746	127	156	142	14	15.1
Women	1,127	593	52.6	491	354	137	103	87	16	17.3
Less than a high school diploma	1,186	734	61.8	599	478	121	135	119	15	18.3
High school graduates, no college	737	566	78.8	475	383	92	91	81	10	16.1
Less than a bachelor's degree	324	273	84.2	243	198	46	30	25	5	10.9
College graduates	55	50	91.2	47	42	5	3	3	-	6.8

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

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.

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

(In thousands)

Sex, age, and race	1993							
	Employed						Unemployed	
	Full time			Part time			Looking for full-time work	Looking for part-time work
	Total	Full-time schedules ¹	Part time for economic reasons, usually work full time	Total	Voluntary ¹	Part time for economic reasons, usually work part time		
TOTAL								
Total, 18 years and over	98,439	96,443	1,996	20,868	16,515	4,352	7,146	1,588
16 to 19 years	1,786	1,683	103	3,744	3,220	524	589	707
16 to 17 years	284	262	22	1,858	1,695	163	139	441
18 to 19 years	1,502	1,421	81	1,886	1,526	360	450	266
20 years and over	96,653	94,760	1,893	17,124	13,295	3,829	6,557	881
20 to 24 years	8,923	8,663	260	3,214	2,441	773	1,180	241
25 years and over	87,730	86,097	1,633	13,910	10,854	3,056	5,377	640
25 to 54 years	76,835	75,412	1,423	10,086	7,501	2,585	4,852	498
55 years and over	10,896	10,685	210	3,824	3,353	471	525	142
Men, 16 years and over	57,643	56,435	1,208	7,057	5,226	1,832	4,277	655
16 to 19 years	1,042	962	60	1,794	1,540	254	343	385
20 years and over	56,602	55,453	1,146	5,263	3,685	1,578	3,934	270
20 to 24 years	4,968	4,812	156	1,368	1,023	365	704	103
25 years and over	51,634	50,641	992	3,875	2,662	1,212	3,230	166
25 to 54 years	44,946	44,084	861	2,293	1,264	1,029	2,884	102
55 years and over	6,688	6,557	131	1,582	1,398	183	346	64
Women, 18 years and over	40,796	40,008	788	13,810	11,290	2,521	2,869	933
16 to 19 years	744	701	43	1,950	1,680	270	246	322
20 years and over	40,051	39,307	744	11,861	9,610	2,251	2,623	611
20 to 24 years	3,955	3,851	104	1,825	1,418	407	476	137
25 years and over	36,096	35,456	641	10,035	8,192	1,844	2,147	474
25 to 54 years	31,889	31,328	561	7,793	6,236	1,557	1,968	396
55 years and over	4,208	4,128	80	2,243	1,955	287	179	78
White								
Men, 16 years and over	50,381	49,370	1,011	6,016	4,575	1,441	3,254	499
16 to 19 years	925	874	51	1,575	1,365	210	244	291
20 years and over	49,456	48,496	960	4,441	3,210	1,231	3,009	208
20 to 24 years	4,289	4,159	130	1,159	870	289	494	79
25 years and over	45,167	44,337	830	3,282	2,340	942	2,515	129
25 to 54 years	39,199	38,484	715	1,844	1,047	798	2,238	78
55 years and over	5,968	5,853	115	1,438	1,293	145	277	51
Women, 16 years and over	34,149	33,518	631	12,266	10,192	2,074	2,060	733
16 to 19 years	656	619	37	1,731	1,501	230	167	241
20 years and over	33,493	32,899	594	10,535	8,691	1,844	1,893	492
20 to 24 years	3,370	3,288	82	1,551	1,214	337	318	99
25 years and over	30,123	29,611	512	8,984	7,477	1,507	1,575	393
25 to 54 years	26,507	26,064	444	6,974	5,702	1,273	1,428	325
55 years and over	3,616	3,548	68	2,010	1,775	235	146	68
Black								
Men, 16 years and over	5,211	5,056	155	746	437	309	831	123
16 to 19 years	81	74	6	167	129	38	87	79
20 years and over	5,130	4,982	148	579	308	271	745	44
20 to 24 years	507	487	20	151	87	64	180	16
25 years and over	4,623	4,494	129	429	221	207	565	28
25 to 54 years	4,103	3,987	116	316	140	176	516	18
55 years and over	521	508	13	113	82	31	48	10
Women, 16 years and over	5,079	4,950	130	1,110	761	349	683	159
16 to 19 years	68	62	6	159	127	32	71	65
20 years and over	5,012	4,888	124	951	634	317	612	94
20 to 24 years	463	444	19	198	138	60	143	31
25 years and over	4,549	4,444	105	753	495	257	469	63
25 to 54 years	4,099	4,003	96	569	350	219	444	55
55 years and over	450	441	9	184	146	38	25	7

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

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8. Employment status of persons in families by family relationship

(Numbers in thousands)

Family relationship	1993									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over ¹	101,492	66.7	94,576	6,916	6.8	50,783	19,649	7,059	2,921	21,154
Husbands	40,218	77.2	38,521	1,696	4.2	11,903	251	180	1,129	10,342
With employed wife	27,077	91.2	26,038	1,039	3.8	2,598	127	104	452	1,914
With unemployed wife	1,255	91.9	1,094	162	12.9	110	4	3	28	75
With wife not in labor force	11,885	56.4	11,389	496	4.2	9,195	119	73	649	8,354
Wives	31,041	59.6	29,675	1,366	4.4	21,080	14,926	372	505	5,276
With employed husband	27,132	70.4	26,038	1,094	4.0	11,389	9,520	302	178	1,389
With unemployed husband	1,200	70.8	1,039	162	13.5	496	395	20	22	59
With husband not in labor force	2,708	22.8	2,598	110	4.1	9,195	5,012	51	305	3,828
Relatives in married-couple families	12,490	62.8	10,869	1,621	13.0	7,412	704	4,392	375	1,940
16 to 19 years	4,306	51.7	3,625	681	15.8	4,030	112	3,235	12	671
20 to 24 years	4,520	75.2	4,015	505	11.2	1,493	147	1,002	45	300
25 years and over	3,664	66.0	3,229	435	11.9	1,889	445	155	318	969
Women who maintain families	7,478	62.5	6,764	714	9.5	4,479	2,644	250	320	1,264
Relatives in families maintained by women	5,834	59.0	4,804	1,030	17.7	4,051	761	1,524	397	1,370
16 to 19 years	1,353	46.3	972	381	28.2	1,571	112	1,157	8	294
20 to 24 years	1,533	71.0	1,283	251	16.3	626	131	276	30	189
25 years and over	2,947	61.4	2,549	398	13.5	1,854	518	91	359	887
Men who maintain families	2,564	77.7	2,339	225	8.8	736	51	37	100	548
Relatives in families maintained by men	1,867	62.4	1,604	263	14.1	1,123	312	304	95	412
16 to 19 years	298	50.8	228	69	23.3	288	22	210	1	55
20 to 24 years	459	76.2	394	65	14.1	143	32	68	4	39
25 years and over	1,111	61.6	982	129	11.6	692	258	26	90	318

¹ Excludes persons living alone or with nonrelatives, persons in married-couple families where the husband or wife is in the Armed Forces, and persons in unrelated subfamilies.

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

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

9. 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	
	1992	1993	1992	1993	1992	1993	1992	1993
Total, 16 years and over	5,380	4,932	7.8	7.1	4,005	3,801	6.9	6.5
Married, spouse present	2,124	1,878	5.0	4.4	1,584	1,465	5.0	4.6
Widowed, divorced, or separated	756	707	9.8	9.0	876	850	7.5	7.2
Single (never married)	2,499	2,347	13.1	12.3	1,545	1,487	10.7	10.2
White, 16 years and over	4,121	3,753	6.9	6.2	2,926	2,793	6.0	5.7
Married, spouse present	1,775	1,549	4.7	4.1	1,324	1,225	4.7	4.3
Widowed, divorced, or separated	580	542	9.1	8.3	655	619	7.1	6.6
Single (never married)	1,766	1,662	11.3	10.7	947	950	8.4	8.3
Black, 16 years and over	1,046	954	15.2	13.8	912	842	13.0	12.0
Married, spouse present	260	229	8.3	7.2	187	165	7.8	7.0
Widowed, divorced, or separated	150	135	13.7	12.8	193	195	9.8	9.8
Single (never married)	636	590	24.0	21.9	532	482	20.2	18.0
Total, 25 years and over	3,734	3,396	6.4	5.8	2,751	2,621	5.7	5.4
Married, spouse present	2,003	1,789	4.9	4.3	1,406	1,302	4.7	4.3
Widowed, divorced, or separated	726	678	9.6	8.9	815	784	7.3	6.9
Single (never married)	1,006	949	10.2	9.5	531	534	7.6	7.5
White, 25 years and over	2,932	2,644	5.8	5.2	2,048	1,968	5.1	4.8
Married, spouse present	1,669	1,463	4.6	4.0	1,173	1,093	4.4	4.1
Widowed, divorced, or separated	554	519	8.9	8.2	607	572	6.8	6.3
Single (never married)	709	663	8.9	8.3	268	303	5.2	5.9
Black, 25 years and over	655	592	11.7	10.5	588	531	10.1	9.1
Married, spouse present	247	211	8.1	6.9	166	141	7.3	6.3
Widowed, divorced, or separated	147	130	13.6	12.5	182	178	9.5	9.2
Single (never married)	262	252	17.7	16.3	240	212	14.6	12.9

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10. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	1992	1993	1992	1993	1992	1993	1992	1993
Total, 16 years and over	9,384	8,734	7.4	6.8	7.8	7.1	6.9	6.5
Managerial and professional specialty	1,007	983	3.1	3.0	3.2	2.8	3.0	3.1
Executive, administrative, and managerial	576	527	3.8	3.3	3.6	2.9	4.0	3.8
Professional specialty	431	456	2.6	2.6	2.8	2.7	2.4	2.5
Technical, sales, and administrative support	2,268	2,075	5.8	5.3	5.2	4.8	6.2	5.6
Technicians and related support	174	163	3.9	3.9	4.4	3.9	3.4	3.9
Sales occupations	964	908	6.5	6.0	4.8	4.8	8.2	7.3
Administrative support, including clerical	1,129	1,003	5.7	5.1	6.3	5.5	5.6	5.0
Service occupations	1,420	1,359	8.1	7.6	8.6	7.9	7.8	7.4
Private household	64	63	6.8	6.5	7.0	9.6	6.8	6.3
Protective service	105	105	4.8	4.7	4.5	4.3	6.1	6.5
Service, except private household and protective	1,251	1,190	8.7	8.1	10.0	9.2	7.9	7.5
Precision production, craft, and repair	1,273	1,141	8.8	7.9	8.9	7.9	8.3	7.7
Mechanics and repairers	278	256	5.9	5.5	5.9	5.5	4.9	5.3
Construction trades	716	624	13.0	11.1	13.0	11.1	10.9	10.1
Other precision production, craft, and repair	280	262	6.7	6.3	6.1	5.8	8.6	7.9
Operators, fabricators, and laborers	2,093	1,877	11.0	9.9	11.0	9.7	11.0	10.6
Machine operators, assemblers, and inspectors	898	795	10.7	9.7	10.2	8.9	11.4	10.9
Transportation and material moving occupations	421	399	7.9	7.4	8.1	7.4	6.6	7.0
Handlers, equipment cleaners, helpers, and laborers	774	682	14.5	12.9	15.1	13.2	11.7	11.5
Construction laborers	194	167	22.9	20.2	22.6	20.2	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	580	516	12.9	11.5	13.4	11.6	11.1	11.1
Farming, forestry, and fishing	305	296	8.1	8.2	7.7	7.8	10.1	10.1
No previous work experience	969	953	-	-	-	-	-	-
16 to 19 years	654	640	-	-	-	-	-	-
20 to 24 years	171	173	-	-	-	-	-	-
25 years and over	144	140	-	-	-	-	-	-

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

11. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	1992	1993	1992	1993	1992	1993	1992	1993
Total, 16 years and over	9,384	8,734	7.4	6.8	7.8	7.1	6.9	6.5
Nonagricultural private wage and salary workers	7,286	6,709	7.7	7.0	8.2	7.4	7.1	6.7
Mining	55	51	7.9	7.3	8.3	7.6	5.7	5.6
Construction	1,000	861	16.7	14.3	17.2	14.8	11.0	9.9
Manufacturing	1,634	1,463	7.8	7.2	7.2	6.5	8.8	8.4
Durable goods	965	833	8.0	7.1	7.8	6.7	8.5	7.9
Lumber and wood products	68	55	10.0	8.1	9.7	8.1	12.4	8.0
Furniture and fixtures	61	50	9.6	7.7	9.8	8.2	9.0	6.6
Stone, clay, and glass products	52	41	9.0	7.4	8.5	7.5	10.6	6.9
Primary metal industries	64	50	7.6	6.5	7.7	6.3	6.8	7.5
Fabricated metal products	114	94	9.1	7.4	9.1	7.3	9.0	7.9
Machinery, except electrical	163	137	6.8	5.9	6.6	5.4	7.2	7.7
Electrical machinery, equipment, and supplies	136	131	6.9	7.0	6.3	5.8	7.8	8.7
Transportation equipment	201	182	8.2	7.6	8.0	7.4	9.1	8.2
Automobiles	95	68	7.8	5.6	7.6	5.4	8.4	6.3
Other transportation equipment	106	114	8.7	9.7	8.4	9.5	9.9	10.6
Professional and photographic equipment	45	39	5.6	5.5	5.3	4.8	6.0	6.5
Other durable goods industries	61	54	11.5	9.6	9.6	9.5	13.9	8.9
Nondurable goods	669	630	7.5	7.3	6.4	6.2	9.0	8.8
Food and kindred products	172	161	9.0	8.5	7.6	7.5	11.9	10.6
Textile mill products	46	47	6.6	7.2	6.1	7.0	7.0	7.3
Apparel and other textile products	125	130	10.9	11.8	10.6	10.0	11.0	12.4
Paper and allied products	42	33	5.5	4.4	5.4	3.7	5.6	6.6
Printing and publishing	110	104	6.1	5.9	5.3	5.7	7.0	6.2
Chemicals and allied products	68	66	5.0	5.2	4.3	4.7	6.6	6.2
Rubber and miscellaneous plastics products	69	61	8.1	7.2	7.3	6.5	9.3	8.7
Other nondurable goods industries	36	27	9.0	7.2	7.1	6.0	12.8	9.5
Transportation and public utilities	369	348	5.5	5.1	5.8	5.4	4.7	4.3
Transportation	278	260	7.1	6.3	7.5	6.7	5.9	5.1
Communications and other public utilities	91	88	3.3	3.2	3.1	3.0	3.5	3.6
Wholesale and retail trade	2,041	1,912	8.4	7.8	7.7	7.3	9.1	8.3
Wholesale trade	308	273	6.6	6.1	5.9	5.4	8.0	7.6
Retail trade	1,732	1,639	8.8	8.2	8.3	7.9	9.2	8.4
Finance, insurance, and real estate	329	300	4.5	4.1	4.4	3.8	4.6	4.2
Service industries	1,859	1,774	6.5	6.1	7.4	6.6	5.9	5.7
Professional services	702	714	4.1	4.1	4.2	3.9	4.1	4.2
Other service industries	1,157	1,060	10.0	9.0	10.2	8.9	9.8	9.0
Agricultural wage and salary workers	238	214	12.3	11.6	12.1	11.2	13.1	12.8
Government, self-employed, and unpaid family workers	890	857	3.0	2.9	3.3	3.0	2.8	2.7
No previous work experience	969	953	-	-	-	-	-	-

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12. Unemployed persons by reason for unemployment, sex, and race

(Numbers in thousands)

Reason for unemployment	Total unemployed		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years		White		Black	
	1992	1993	1992	1993	1992	1993	1992	1993	1992	1993	1992	1993
NUMBER OF UNEMPLOYED												
Total unemployed	9,384	8,734	4,619	4,204	3,413	3,234	1,352	1,296	7,047	6,547	1,958	1,796
Job losers	5,291	4,769	3,357	2,947	1,691	1,601	243	220	4,117	3,684	985	896
On layoff	1,246	1,104	846	712	353	349	47	43	1,054	932	160	146
Other job losers	4,045	3,664	2,511	2,235	1,338	1,252	196	177	3,064	2,751	825	751
Job leavers	975	946	409	417	425	387	141	143	759	740	176	166
Reentrants	2,228	2,145	749	732	1,123	1,078	357	335	1,596	1,541	545	501
New entrants	890	874	104	108	175	168	611	599	574	582	252	233
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	56.4	54.6	72.7	70.1	49.5	49.5	18.0	17.0	58.4	56.3	50.3	49.9
On layoff	13.3	12.6	18.3	16.9	10.3	10.8	3.5	3.3	15.0	14.2	8.2	8.1
Other job losers	43.1	42.0	54.4	53.2	39.2	38.7	14.5	13.7	43.5	42.0	42.2	41.8
Job leavers	10.4	10.8	8.8	9.9	12.5	12.0	10.4	11.0	10.8	11.3	9.0	9.2
Reentrants	23.7	24.6	16.2	17.4	32.9	33.3	26.4	25.8	22.6	23.5	27.8	27.9
New entrants	9.5	10.0	2.3	2.6	5.1	5.2	45.2	46.2	8.1	8.9	12.9	13.0
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	4.2	3.7	5.1	4.5	3.1	2.9	3.6	3.2	3.8	3.4	7.1	6.4
Job leavers .....	.8	.7	.6	.6	.8	.7	2.1	2.1	.7	.7	1.3	1.2
Reentrants	1.8	1.7	1.1	1.1	2.1	2.0	5.3	4.9	1.5	1.4	3.9	3.6
New entrants .....	.7	.7	.2	.2	.3	.3	9.1	8.8	.5	.5	1.8	1.7

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

(Percent distribution)

Reason, sex, and age	1993						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	8,734	100.0	36.2	28.9	34.9	14.6	20.4
Job losers	4,769	100.0	28.0	28.5	43.6	17.7	25.9
On layoff	1,104	100.0	44.4	29.8	25.8	14.3	11.4
Other job losers	3,664	100.0	23.0	28.1	48.9	18.7	30.2
Job leavers	946	100.0	45.1	29.4	25.6	11.2	14.3
Reentrants	2,145	100.0	44.7	29.1	26.2	11.2	15.0
New entrants	874	100.0	50.4	30.0	19.7	9.7	10.0
Men, 20 years and over	4,204	100.0	29.5	28.1	42.4	16.8	25.6
Job losers	2,947	100.0	26.1	28.1	45.8	18.3	27.5
On layoff	712	100.0	42.2	31.1	26.7	15.4	11.3
Other job losers	2,235	100.0	21.0	27.1	51.9	19.2	32.7
Job leavers	417	100.0	39.3	28.7	32.0	12.9	19.2
Reentrants	732	100.0	37.0	27.4	35.5	13.3	22.2
New entrants	108	100.0	33.3	30.2	36.5	15.7	20.7
Women, 20 years and over	3,234	100.0	37.0	29.3	33.7	14.4	19.3
Job losers	1,601	100.0	28.1	28.8	43.1	17.7	25.4
On layoff	349	100.0	45.4	28.8	25.8	13.1	12.7
Other job losers	1,252	100.0	23.3	28.7	48.0	19.0	29.0
Job leavers	387	100.0	44.0	30.7	25.2	12.0	13.2
Reentrants	1,078	100.0	46.3	29.4	24.3	11.1	13.2
New entrants	168	100.0	46.5	29.8	23.7	9.4	14.3
Both sexes, 16 to 19 years	1,296	100.0	55.7	30.4	13.9	7.9	6.0
Job losers	220	100.0	51.8	31.4	16.8	9.8	7.0
On layoff	43	100.0	72.2	17.7	10.0	6.5	3.5
Other job losers	177	100.0	46.9	34.7	18.4	10.6	7.9
Job leavers	143	100.0	64.7	27.8	7.5	4.4	3.1
Reentrants	335	100.0	56.4	31.8	11.8	6.8	5.0
New entrants	599	100.0	54.5	30.0	15.5	8.6	6.9

14. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	1992	1993	1992	1993	1992	1993	1992	1993
Total, 16 years and over	9,384	8,734	100.0	100.0	7,746	7,146	100.0	100.0
Less than 5 weeks	3,270	3,160	34.9	36.2	2,377	2,285	30.7	32.0
5 to 14 weeks	2,760	2,522	29.4	28.9	2,295	2,082	29.6	29.1
5 to 10 weeks	1,960	1,798	20.9	20.6	1,610	1,459	20.8	20.4
11 to 14 weeks	799	723	8.5	8.3	686	623	8.8	8.7
15 weeks and over	3,354	3,052	35.7	34.9	3,073	2,780	39.7	38.9
15 to 26 weeks	1,424	1,274	15.2	14.6	1,280	1,142	16.5	16.0
27 weeks and over	1,930	1,778	20.6	20.4	1,793	1,638	23.2	22.9
27 to 51 weeks	879	761	9.4	8.7	820	697	10.6	9.8
52 weeks and over	1,051	1,018	11.2	11.7	973	940	12.6	13.2
Average (mean) duration, in weeks	17.9	18.1	-	-	19.5	19.9	-	-
Median duration, in weeks	8.8	8.4	-	-	10.1	9.8	-	-

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15. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								1992	1993	1992	1993
	1993										
Total, 16 years and over	8,734	3,160	2,522	1,274	1,778	18.1	8.4	34.9	36.2	35.7	34.9
16 to 19 years	1,296	722	394	102	78	8.6	4.0	52.7	55.7	16.0	13.9
20 to 24 years	1,421	643	447	166	166	12.5	5.6	42.1	45.2	25.4	23.3
25 to 34 years	2,358	800	717	373	467	17.6	8.9	32.6	33.9	37.1	35.6
35 to 44 years	1,862	539	513	321	489	22.0	11.6	29.3	28.9	42.6	43.5
45 to 54 years	1,130	292	292	189	358	25.6	13.7	25.6	25.9	47.9	48.3
55 to 64 years	556	133	132	105	186	27.7	16.0	22.5	24.0	53.2	52.3
65 years and over	111	31	27	17	36	25.7	13.3	29.6	28.3	46.3	47.7
Men, 16 years and over	4,932	1,623	1,414	770	1,125	20.0	9.5	31.8	32.9	39.0	38.4
16 to 19 years	728	383	233	64	49	9.2	4.3	51.5	52.5	16.9	15.5
20 to 24 years	808	341	249	106	112	14.1	6.4	38.6	42.2	28.7	27.0
25 to 34 years	1,319	394	401	227	297	19.6	10.1	28.6	29.9	40.9	39.7
35 to 44 years	1,029	270	280	182	298	24.1	13.0	26.7	26.2	45.6	46.6
45 to 54 years	638	148	159	110	221	28.1	15.8	22.7	23.2	51.9	51.9
55 to 64 years	345	72	77	71	125	29.5	18.4	20.5	20.9	56.1	56.8
65 years and over	65	16	15	11	23	27.8	16.1	27.9	24.4	48.5	52.2
Women, 16 years and over	3,801	1,537	1,107	503	654	15.8	7.0	39.0	40.4	31.3	30.4
16 to 19 years	568	339	161	38	29	7.9	3.8	54.3	59.7	14.8	11.9
20 to 24 years	613	302	198	60	54	10.4	4.7	46.9	49.2	20.9	18.5
25 to 34 years	1,038	406	316	147	170	15.0	7.4	37.9	39.1	32.1	30.5
35 to 44 years	833	269	234	139	191	19.4	9.9	32.8	32.3	38.7	39.7
45 to 54 years	492	144	133	79	137	22.5	11.5	29.7	29.3	42.1	43.8
55 to 64 years	211	61	54	34	61	24.6	12.2	26.0	29.1	47.9	45.0
65 years and over	46	15	11	6	12	22.7	9.5	31.4	33.8	44.0	41.1
White, 16 years and over	6,547	2,404	1,895	954	1,294	17.7	8.2	35.0	36.7	35.7	34.3
Men	3,753	1,259	1,083	585	825	19.5	9.3	31.9	33.5	38.9	37.6
Women	2,793	1,145	812	369	468	15.3	6.8	39.4	41.0	31.3	30.0
Black, 16 years and over	1,796	615	518	267	397	19.3	9.1	34.3	34.2	36.1	36.9
Men	954	287	266	153	248	21.8	10.6	30.8	30.1	40.2	42.0
Women	842	328	252	114	149	16.5	7.4	38.3	38.9	31.4	31.2
Men, 16 years and over:											
Married, spouse present	1,878	497	515	347	519	23.1	12.7	26.3	26.5	46.4	46.1
Widowed, divorced, or separated	707	189	195	118	204	24.2	12.5	28.4	26.7	44.7	45.5
Single (never married)	2,347	937	704	305	402	16.3	7.0	37.5	39.9	31.1	30.1
Women, 16 years and over:											
Married, spouse present	1,465	552	422	215	276	16.8	8.0	36.7	37.7	34.3	33.5
Widowed, divorced, or separated	850	284	247	125	194	19.1	9.3	34.0	33.4	36.6	37.4
Single (never married)	1,487	700	439	164	184	12.8	5.2	44.2	47.1	25.2	23.4

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

Occupation and industry	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
	1993							1992	1993	1992	1993
OCCUPATION											
Managerial and professional specialty	983	276	276	163	268	22.4	11.6	25.9	28.1	47.2	43.8
Technical, sales, and administrative support	2,075	702	607	309	457	18.6	9.0	33.4	33.8	37.4	36.9
Service occupations	1,359	577	387	166	229	15.6	6.5	41.1	42.5	29.4	29.1
Precision production, craft, and repair	1,141	360	324	189	269	20.7	10.2	29.3	31.6	41.4	40.1
Operators, fabricators, and laborers	1,877	632	536	299	409	19.5	9.4	32.8	33.7	37.9	37.8
Farming, forestry, and fishing	296	122	95	42	37	13.6	6.5	42.6	41.2	23.6	26.7
INDUSTRY¹											
Agriculture	214	91	69	29	25	12.9	6.2	42.0	42.5	23.1	25.2
Construction	880	292	261	141	186	19.0	9.4	31.3	33.2	38.6	37.2
Manufacturing	1,470	439	381	261	389	21.9	11.6	29.1	29.9	43.6	44.2
Durable goods	838	236	210	156	236	23.1	12.9	26.6	28.2	46.5	46.8
Nondurable goods	631	202	171	104	153	20.2	10.2	32.7	32.0	39.2	40.9
Transportation and public utilities	391	110	112	68	101	22.5	11.4	28.4	28.1	44.4	43.2
Wholesale and retail trade	1,924	729	575	257	363	16.9	7.7	36.3	37.9	33.4	32.2
Finance and service industries	2,386	857	699	341	489	18.1	8.4	34.8	35.9	36.2	34.8
Public administration	184	50	50	32	52	23.2	12.0	29.9	27.2	40.1	45.7
No previous work experience	953	481	286	91	94	11.7	4.5	48.1	50.5	20.7	19.4

¹ Includes wage and salary workers only.

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

Sex, age, and race	1993								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,734	7,514	22.2	9.0	72.8	42.0	23.4	5.5	1.75
16 to 19 years	1,296	1,232	10.7	3.4	79.7	28.8	17.5	4.1	1.44
20 to 24 years	1,421	1,273	21.7	7.9	74.0	41.1	21.3	4.1	1.70
25 to 34 years	2,358	1,993	25.9	10.4	71.8	45.1	23.1	5.0	1.81
35 to 44 years	1,962	1,538	26.4	10.5	70.9	45.8	27.3	6.1	1.87
45 to 54 years	1,130	934	24.6	12.0	70.7	47.3	26.9	7.8	1.89
55 to 64 years	556	449	21.1	10.8	68.1	44.6	27.0	8.7	1.80
65 years and over	111	95	11.0	6.0	59.6	39.4	21.7	8.6	1.46
Men, 16 years and over	4,932	4,126	23.9	9.3	73.6	41.1	26.0	6.0	1.80
16 to 19 years	728	689	10.7	3.3	79.8	27.3	17.9	3.6	1.43
20 to 24 years	908	703	23.3	7.6	74.9	41.3	24.0	4.0	1.75
25 to 34 years	1,319	1,073	28.7	10.9	71.9	44.2	27.0	5.8	1.89
35 to 44 years	1,029	814	29.2	11.4	72.4	45.7	30.1	6.5	1.95
45 to 54 years	638	513	26.8	12.6	72.6	45.0	30.4	8.4	1.96
55 to 64 years	345	277	21.3	11.1	68.9	43.6	26.7	11.2	1.83
65 years and over	65	56	10.8	5.9	62.2	36.6	24.8	7.2	1.48
Women, 16 years and over	3,801	3,388	20.1	8.6	71.8	43.2	20.4	5.0	1.69
16 to 19 years	568	543	10.6	3.4	79.6	30.7	17.0	4.7	1.46
20 to 24 years	613	570	19.7	8.4	73.0	40.9	18.0	4.2	1.64
25 to 34 years	1,038	920	22.8	9.7	71.8	46.0	18.6	4.1	1.73
35 to 44 years	833	724	23.2	9.5	69.1	45.9	24.1	5.6	1.77
45 to 54 years	492	421	22.1	11.3	68.4	50.0	22.7	7.0	1.82
55 to 64 years	211	172	20.8	10.3	66.9	46.3	27.4	4.8	1.76
65 years and over	46	39	11.3	6.2	55.8	43.5	17.3	10.6	1.45
White, 16 years and over	6,547	5,514	21.4	9.0	73.3	43.8	23.9	5.9	1.77
Men	3,753	3,061	23.3	9.5	74.1	42.7	26.3	6.5	1.82
Women	2,793	2,453	19.0	8.3	72.4	45.2	20.8	5.3	1.71
Black, 16 years and over	1,796	1,641	25.5	9.1	71.9	35.7	20.3	4.3	1.67
Men	954	862	26.8	8.8	72.9	35.1	22.9	4.4	1.71
Women	842	779	24.1	9.4	70.7	36.2	17.5	4.1	1.62

NOTE: The jobseekers total is less than the total unemployed because it does not include persons on layoff or waiting to begin a new job within 30 days, groups for whom jobseeking information is not

collected. The percent using each method will always total more than 100 because many jobseekers use more than one method.

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

Sex and reason	1993								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives			Other
Total, 16 years and over	8,734	7,514	22.2	9.0	72.8	42.0	23.4	5.5	1.75
Job losers ¹	4,769	3,625	27.9	11.5	73.6	47.1	27.7	4.9	1.93
Job leavers	946	923	21.7	8.3	72.6	43.3	20.3	3.8	1.70
Reentrants	2,145	2,102	17.2	7.1	70.1	38.3	18.8	7.9	1.59
New entrants	874	864	10.7	3.9	76.1	28.6	20.4	4.4	1.44
Men, 16 years and over	4,932	4,126	23.9	9.3	73.6	41.1	26.0	6.0	1.80
Job losers ¹	3,091	2,325	29.2	11.6	74.1	45.4	29.2	5.4	1.95
Job leavers	490	477	22.3	7.8	73.0	41.9	22.6	4.1	1.72
Reentrants	914	893	17.4	7.0	70.7	36.7	22.0	9.2	1.63
New entrants	437	431	10.5	3.9	77.6	26.5	20.2	4.4	1.43
Women, 16 years and over	3,801	3,389	20.1	8.6	71.8	43.2	20.4	5.0	1.69
Job losers ¹	1,677	1,300	25.6	11.4	72.7	50.2	24.9	3.9	1.89
Job leavers	456	446	21.0	8.9	72.2	44.9	17.8	3.5	1.68
Reentrants	1,230	1,210	17.1	7.2	69.6	39.4	16.4	7.0	1.57
New entrants	438	432	10.9	4.0	74.7	30.7	20.5	4.4	1.45

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

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

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

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19. Employed civilians in agriculture and nonagricultural industries by age and sex

(In thousands)

Industry and age	Total		Men		Women	
	1992	1993	1992	1993	1992	1993
All industries	117,598	119,306	63,805	64,700	53,793	54,606
16 to 19 years	5,398	5,530	2,786	2,836	2,613	2,694
16 to 17 years	2,050	2,142	1,052	1,106	997	1,036
18 to 19 years	3,349	3,388	1,733	1,730	1,615	1,658
20 to 24 years	12,157	12,137	6,357	6,356	5,799	5,780
25 to 54 years	85,350	86,920	46,340	47,239	39,010	39,682
25 to 34 years	32,441	32,107	17,847	17,734	14,594	14,373
35 to 44 years	31,662	32,402	17,067	17,508	14,595	14,894
45 to 54 years	21,246	22,412	11,426	11,997	9,820	10,415
55 to 64 years	11,267	11,311	6,314	6,294	4,953	5,017
55 to 59 years	6,792	6,896	3,782	3,811	3,011	3,085
60 to 64 years	4,474	4,415	2,532	2,482	1,942	1,933
65 years and over	3,427	3,409	2,008	1,976	1,419	1,433
Agriculture	3,207	3,074	2,534	2,438	673	636
16 to 19 years	225	212	179	175	45	37
16 to 17 years	111	101	91	86	20	15
18 to 19 years	114	111	89	89	25	22
20 to 24 years	322	299	264	242	57	57
25 to 54 years	1,939	1,902	1,490	1,469	449	433
25 to 34 years	766	746	596	588	170	158
35 to 44 years	697	702	537	541	160	161
45 to 54 years	476	455	357	341	119	114
55 to 64 years	428	380	345	310	83	70
55 to 59 years	216	205	171	165	45	40
60 to 64 years	211	175	173	145	38	30
65 years and over	295	280	257	241	38	39
Nonagricultural industries	114,391	116,232	61,270	62,263	53,121	53,970
16 to 19 years	5,174	5,317	2,606	2,661	2,568	2,657
16 to 17 years	1,939	2,041	962	1,020	978	1,021
18 to 19 years	3,235	3,276	1,645	1,640	1,590	1,636
20 to 24 years	11,835	11,837	6,093	6,114	5,742	5,723
25 to 54 years	83,411	85,018	44,850	45,770	38,561	39,248
25 to 34 years	31,675	31,361	17,251	17,146	14,424	14,215
35 to 44 years	30,965	31,700	16,530	16,968	14,435	14,733
45 to 54 years	20,771	21,956	11,070	11,656	9,701	10,301
55 to 64 years	10,839	10,931	5,969	5,983	4,870	4,948
55 to 59 years	6,576	6,691	3,611	3,646	2,965	3,045
60 to 64 years	4,263	4,241	2,359	2,337	1,904	1,903
65 years and over	3,132	3,129	1,751	1,735	1,381	1,394

**HOUSEHOLD DATA
ANNUAL AVERAGES**

20. Employed civilians by occupation, sex, and age

(In thousands)

Occupation	Total		Men				Women			
	16 years and over		16 years and over		20 years and over		16 years and over		20 years and over	
	1992	1993	1992	1993	1992	1993	1992	1993	1992	1993
Total	117,598	119,306	63,805	64,700	61,019	61,865	53,793	54,606	51,181	51,912
Managerial and professional specialty	31,153	32,280	16,416	16,839	16,328	16,755	14,736	15,441	14,629	15,331
Executive, administrative, and managerial	14,767	15,376	8,641	8,923	8,609	8,891	6,126	6,452	6,095	6,419
Officials and administrators, public administration	619	659	361	380	361	380	258	278	258	278
Other executive, administrative, and managerial	10,187	10,561	6,384	6,578	6,355	6,549	3,802	3,984	3,778	3,956
Management-related occupations	3,961	4,155	1,896	1,965	1,893	1,962	2,065	2,190	2,059	2,185
Professional specialty	16,386	16,904	7,775	7,916	7,719	7,864	8,611	8,988	8,534	8,912
Engineers	1,751	1,716	1,603	1,568	1,601	1,566	148	148	148	148
Mathematical and computer scientists	935	1,051	622	711	622	710	313	340	312	340
Natural scientists	459	531	334	371	334	371	125	160	125	159
Health diagnosing occupations	914	909	747	723	747	722	167	186	166	186
Health assessment and treating occupations	2,517	2,602	332	353	329	352	2,184	2,249	2,180	2,248
Teachers, college and university	737	772	435	444	431	440	302	328	299	324
Teachers, except college and university	4,216	4,397	1,062	1,093	1,051	1,080	3,154	3,304	3,125	3,267
Lawyers and judges	788	814	620	629	620	629	167	185	167	185
Other professional specialty occupations	4,068	4,111	2,018	2,024	1,984	1,994	2,050	2,067	2,013	2,054
Technical, sales, and administrative support	36,808	36,814	13,269	13,311	12,675	12,730	23,539	23,503	22,176	22,156
Technicians and related support	4,253	4,014	2,169	1,985	2,139	1,962	2,084	2,028	2,055	2,000
Health technologists and technicians	1,517	1,522	278	288	273	284	1,239	1,233	1,223	1,218
Engineering and science technicians	1,160	1,131	913	879	896	868	247	253	240	243
Technicians, except health, engineering, and science	1,576	1,361	978	818	970	810	598	543	592	539
Sales occupations	13,919	14,245	7,252	7,389	6,881	7,015	6,667	6,857	5,800	5,989
Supervisors and proprietors	3,879	4,016	2,529	2,552	2,508	2,538	1,349	1,463	1,326	1,443
Sales representatives, finance and business services	2,247	2,317	1,348	1,378	1,339	1,370	899	939	891	926
Sales representatives, commodities, except retail	1,571	1,538	1,229	1,215	1,221	1,207	342	323	335	317
Sales workers, retail and personal services	6,129	6,281	2,113	2,206	1,783	1,864	4,016	4,075	3,190	3,250
Sales-related occupations	93	93	32	37	31	36	61	57	58	53
Administrative support, including clerical	18,636	18,555	3,848	3,937	3,654	3,753	14,788	14,618	14,321	14,167
Supervisors	759	778	329	323	328	322	430	455	429	453
Computer equipment operators	664	603	242	230	234	222	423	373	412	364
Secretaries, stenographers, and typists	4,315	4,174	70	75	66	70	4,245	4,099	4,141	4,005
Financial records processing	2,335	2,272	219	229	215	224	2,117	2,043	2,094	2,023
Mail and message distributing	902	953	564	594	540	572	338	359	328	344
Other administrative support, including clerical	9,660	9,775	2,424	2,486	2,272	2,344	7,236	7,289	6,917	6,977
Service occupations	16,096	16,522	6,494	6,688	5,675	5,818	9,602	9,833	8,672	8,818
Private household	876	912	37	44	27	35	840	868	716	738
Protective service	2,096	2,152	1,745	1,783	1,714	1,753	351	370	320	341
Service, except private household and protective	13,124	13,457	4,712	4,861	3,934	4,029	8,411	8,596	7,636	7,740
Food service	5,459	5,691	2,243	2,370	1,647	1,738	3,215	3,321	2,703	2,730
Health service	2,105	2,213	237	279	221	262	1,868	1,934	1,804	1,863
Cleaning and building service	2,988	2,959	1,760	1,711	1,647	1,594	1,228	1,248	1,173	1,190
Personal service	2,573	2,594	473	501	419	435	2,100	2,092	1,956	1,956
Precision production, craft, and repair	13,128	13,326	12,000	12,185	11,794	11,967	1,128	1,141	1,102	1,114
Mechanics and repairers	4,441	4,416	4,293	4,261	4,215	4,179	147	156	145	154
Construction trades	4,790	5,004	4,702	4,909	4,613	4,811	89	95	84	91
Other precision production, craft, and repair	3,897	3,906	3,005	3,015	2,965	2,977	892	890	874	869
Operators, fabricators, and laborers	16,957	17,038	12,720	12,862	11,880	12,015	4,237	4,176	4,091	4,016
Machine operators, assemblers, and inspectors	7,524	7,415	4,535	4,548	4,393	4,403	2,989	2,868	2,930	2,805
Manufacturing industries	6,136	6,014	3,645	3,664	3,544	3,562	2,492	2,350	2,450	2,304
Durable goods	3,299	3,303	2,261	2,332	2,223	2,271	1,018	971	1,009	953
Nondurable goods	2,837	2,711	1,364	1,332	1,321	1,292	1,473	1,379	1,441	1,351
Nonmanufacturing industries	1,387	1,401	890	884	850	841	497	518	481	501
Transportation and material moving occupations	4,878	5,004	4,451	4,539	4,357	4,451	427	465	419	456
Motor vehicle operators	3,706	3,825	3,330	3,412	3,249	3,341	376	413	369	404
Other transportation and material moving occupations	1,172	1,179	1,121	1,127	1,107	1,110	51	52	50	52
Handlers, equipment cleaners, helpers, and laborers	4,556	4,619	3,734	3,776	3,130	3,161	821	843	742	755
Construction laborers	654	658	634	635	583	590	20	23	17	21
Other handlers, equipment cleaners, helpers, and laborers	3,901	3,962	3,100	3,141	2,547	2,571	801	821	726	734
Farming, forestry, and fishing	3,456	3,326	2,905	2,814	2,668	2,580	551	512	510	477
Farm operators and managers	1,232	1,170	1,042	1,003	1,034	996	190	167	190	166
Other farming, forestry, and fishing occupations	2,224	2,156	1,864	1,811	1,635	1,585	361	344	320	310

**HOUSEHOLD DATA
ANNUAL AVERAGES**

21. Employed civilians by occupation, race, and sex

(Percent distribution)

Occupation and race	Total		Men		Women	
	1992	1993	1992	1993	1992	1993
TOTAL						
Total, 16 years and over (thousands)	117,598	119,306	63,805	64,700	53,793	54,606
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	26.5	27.1	25.7	26.0	27.4	28.3
Executive, administrative, and managerial	12.6	12.9	13.5	13.8	11.4	11.8
Professional specialty	13.9	14.2	12.2	12.2	16.0	16.5
Technical, sales, and administrative support	31.3	30.9	20.8	20.6	43.8	43.0
Technicians and related support	3.6	3.4	3.4	3.1	3.9	3.7
Sales occupations	11.6	11.9	11.4	11.4	12.4	12.6
Administrative support, including clerical	15.8	15.6	6.0	6.1	27.5	26.8
Service occupations	13.7	13.8	10.2	10.3	17.9	18.0
Private household .....	.7	.8	.1	.1	1.6	1.6
Protective service	1.8	1.8	2.7	2.8	.7	.7
Service, except private household and protective	11.2	11.3	7.4	7.5	15.6	15.7
Precision production, craft, and repair	11.2	11.2	18.8	18.8	2.1	2.1
Operators, fabricators, and laborers	14.4	14.3	19.9	19.9	7.9	7.6
Machine operators, assemblers, and inspectors	6.4	6.2	7.1	7.0	5.6	5.3
Transportation and material moving occupations	4.1	4.2	7.0	7.0	.8	.9
Handlers, equipment cleaners, helpers, and laborers	3.9	3.9	5.9	5.8	1.5	1.5
Farming, forestry, and fishing	2.9	2.8	4.6	4.3	1.0	.9
White						
Total, 16 years and over (thousands)	101,479	102,812	55,709	56,397	45,770	46,415
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	27.5	28.1	26.8	27.1	28.5	29.3
Executive, administrative, and managerial	13.2	13.5	14.3	14.5	12.0	12.3
Professional specialty	14.3	14.6	12.5	12.6	16.5	17.0
Technical, sales, and administrative support	31.7	31.2	21.1	20.8	44.6	43.9
Technicians and related support	3.6	3.3	3.4	3.1	3.8	3.7
Sales occupations	12.4	12.5	12.0	12.0	12.9	13.0
Administrative support, including clerical	15.7	15.4	5.7	5.7	27.9	27.2
Service occupations	12.4	12.6	9.1	9.2	16.5	16.7
Private household .....	.7	.7	.1	.1	1.4	1.5
Protective service	1.6	1.7	2.5	2.6	.6	.6
Service, except private household and protective	10.1	10.2	6.5	6.6	14.5	14.7
Precision production, craft, and repair	11.6	11.6	19.5	19.6	2.0	2.0
Operators, fabricators, and laborers	13.6	13.5	18.9	18.9	7.2	7.0
Machine operators, assemblers, and inspectors	6.0	5.8	6.8	6.7	4.9	4.7
Transportation and material moving occupations	4.0	4.1	6.6	6.7	.8	.8
Handlers, equipment cleaners, helpers, and laborers	3.7	3.6	5.4	5.4	1.5	1.5
Farming, forestry, and fishing	3.1	3.0	4.7	4.5	1.1	1.0
Black						
Total, 16 years and over (thousands)	11,933	12,146	5,846	5,957	6,087	6,189
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	16.8	17.6	14.1	14.7	19.5	20.5
Executive, administrative, and managerial	7.2	7.9	7.1	7.7	7.2	8.1
Professional specialty	9.7	9.7	7.0	6.9	12.3	12.4
Technical, sales, and administrative support	28.0	28.1	17.3	18.1	38.2	37.8
Technicians and related support	3.4	3.2	3.1	2.7	3.8	3.6
Sales occupations	7.3	7.8	5.7	6.5	8.7	9.1
Administrative support, including clerical	17.3	17.1	8.5	8.9	25.7	25.1
Service occupations	23.5	23.5	19.0	19.4	27.9	27.5
Private household	1.4	1.3	.1	.1	2.6	2.4
Protective service	3.2	3.1	4.9	4.9	1.5	1.3
Service, except private household and protective	19.0	19.2	14.0	14.4	23.9	23.8
Precision production, craft, and repair	8.4	8.1	14.8	14.0	2.1	2.5
Operators, fabricators, and laborers	21.4	20.9	31.3	30.6	12.0	11.5
Machine operators, assemblers, and inspectors	9.4	9.0	9.8	9.6	9.2	8.4
Transportation and material moving occupations	6.1	5.8	11.3	10.6	1.0	1.1
Handlers, equipment cleaners, helpers, and laborers	5.9	6.1	10.2	10.4	1.8	2.0
Farming, forestry, and fishing	1.9	1.7	3.6	3.2	.3	.3

**HOUSEHOLD DATA
ANNUAL AVERAGES**

22. Employed civilians by detailed occupation, sex, race, and Hispanic origin

(Numbers in thousands)

Occupation	1993			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Total, 16 years and over	119,306	45.8	10.2	7.8
Managerial and professional specialty	32,280	47.8	6.6	4.0
Executive, administrative, and managerial occupations	15,378	42.0	6.2	4.5
Officials and administrators, public administration	581	45.2	11.3	4.5
Financial managers	529	46.2	4.4	4.2
Personnel and labor relations managers	96	60.7	7.9	4.6
Purchasing managers	109	34.9	8.0	5.3
Managers, marketing, advertising, and public relations	496	31.2	3.1	3.5
Administrators, education and related fields	635	59.9	13.0	3.8
Managers, medicine and health	450	70.5	6.5	4.2
Managers, food serving and lodging establishments	1,198	43.4	8.1	7.8
Managers, properties and real estate	481	45.7	6.6	6.3
Funeral directors	51	18.6	7.1	3.3
Management-related occupations	4,155	52.7	7.5	4.6
Accountants and auditors	1,387	49.2	7.0	4.2
Underwriters	113	69.9	4.9	4.8
Other financial officers	697	48.7	5.7	4.8
Management analysts	250	33.7	3.9	2.0
Personnel, training, and labor relations specialists	401	64.1	12.5	6.0
Buyers, wholesale and retail trade, except farm products	226	48.7	4.8	4.7
Construction inspectors	84	5.0	10.8	4.6
Inspectors and compliance officers, except construction	213	25.8	10.9	6.8
Professional specialty	16,904	53.2	7.0	3.6
Engineers, architects, and surveyors	1,859	9.3	3.7	3.6
Architects	123	18.6	3.1	2.3
Engineers	1,716	8.6	3.7	3.6
Aerospace engineers	83	7.5	2.1	3.9
Chemical engineers	58	10.0	2.5	4.9
Civil engineers	221	9.4	4.7	3.8
Electrical and electronic engineers	533	7.6	4.5	3.4
Industrial engineers	201	16.4	3.4	4.4
Mechanical engineers	296	5.2	4.4	3.3
Mathematical and computer scientists	1,051	32.4	6.0	2.5
Computer systems analysts and scientists	789	29.9	5.8	2.4
Operations and systems researchers and analysts	236	39.7	6.3	3.0
Natural scientists	531	30.1	3.6	1.9
Chemists, except biochemists	133	28.8	4.3	3.0
Geologists and geodesists	54	14.0	1.0	2.1
Biological and life scientists	114	40.4	3.9	1.4
Medical scientists	82	45.5	5.8	2.5
Health diagnosing occupations	909	20.5	3.0	3.9
Physicians	605	21.8	3.7	4.6
Dentists	152	10.5	1.9	3.0
Health assessment and treating occupations	2,602	86.4	8.3	3.5
Registered nurses	1,859	94.4	8.4	3.2
Pharmacists	187	38.1	6.1	2.7
Dietitians	94	92.8	17.5	6.0
Therapists	416	74.9	6.9	4.1
Respiratory therapists	92	58.4	10.0	6.9
Physical therapists	115	72.5	3.0	5.0
Speech therapists	83	91.8	6.7	1.2
Teachers, college and university	772	42.5	4.8	3.1
Teachers, except college and university	4,397	75.1	8.6	3.6
Prekindergarten and kindergarten	501	97.7	11.7	5.0
Elementary school	1,668	85.9	9.3	3.9
Secondary school	1,237	57.5	6.9	3.1
Special education	286	84.0	10.1	2.3
Counselors, educational and vocational	224	87.6	14.3	6.9
Librarians, archivists, and curators	223	83.5	6.2	3.8
Librarians	195	88.3	7.0	3.5
Social scientists and urban planners	399	57.0	5.9	3.0
Economists	117	47.6	4.8	3.5
Psychologists	241	64.1	7.1	3.1
Social, recreation, and religious workers	996	50.5	15.6	5.0
Social workers	586	68.9	21.4	6.0
Recreation workers	89	75.1	14.8	4.7
Clergy	350	11.4	8.7	3.1
Lawyers and judges	815	22.8	2.8	2.1

See footnotes at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

22. Employed civilians by detailed occupation, sex, race, and Hispanic origin—Continued

(Numbers in thousands)

Occupation	1993			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Lawyers	777	22.9	2.7	2.1
Writers, artists, entertainers, and athletes	2,026	46.6	5.3	4.7
Authors	139	57.2	2.4	1.9
Technical writers	63	52.8	2.7	2.3
Designers	541	52.6	3.7	4.4
Musicians and composers	174	32.8	8.8	5.8
Actors and directors	96	38.3	10.4	4.7
Painters, sculptors, craft artists, and artist printmakers	222	48.0	3.5	4.1
Photographers	135	26.2	6.5	7.1
Editors and reporters	266	48.5	5.0	3.4
Public relations specialists	155	59.6	7.0	3.5
Athletes	80	23.9	10.1	3.9
Technical, sales, and administrative support	36,814	63.8	9.3	6.3
Technicians and related support	4,014	50.5	9.6	5.0
Health technologists and technicians	1,522	81.0	12.4	5.8
Clinical laboratory technologists and technicians	315	76.1	12.1	6.1
Dental hygienists	76	99.3	.4	2.0
Health record technologists and technicians	63	88.8	20.4	5.7
Radiologic technicians	146	70.2	8.3	7.0
Licensed practical nurses	425	94.6	17.2	3.4
Engineering and related technologists and technicians	870	17.8	7.4	4.9
Electrical and electronic technicians	297	15.5	7.4	5.6
Drafting occupations	244	18.1	6.9	5.9
Surveying and mapping technicians	73	5.0	4.8	2.8
Science technicians	261	37.5	7.2	5.2
Biological technicians	85	59.7	6.1	3.8
Chemical technicians	74	26.0	7.1	3.9
Technicians, except health, engineering, and science	1,361	39.9	8.4	4.0
Airplane pilots and navigators	101	3.9	5.5	2.4
Computer programmers	578	31.5	6.7	3.5
Legal assistants	254	79.6	8.6	4.9
Sales occupations	14,245	48.1	6.7	5.9
Supervisors and proprietors	4,016	36.4	4.4	5.3
Sales representatives, finance and business services	2,317	40.5	4.7	3.7
Insurance sales	583	33.3	5.1	3.8
Real estate sales	710	51.4	2.5	4.1
Securities and financial services sales	355	28.1	4.1	2.2
Advertising and related sales	161	50.8	4.5	3.1
Sales occupations, other business services	508	39.0	7.6	4.0
Sales representatives, commodities, except retail	1,538	21.0	2.9	3.9
Sales representatives, mining, manufacturing, and wholesale	1,514	21.3	3.0	4.0
Sales workers, retail and personal services	6,281	64.9	9.7	7.5
Sales workers, motor vehicles and boats	280	7.7	7.2	5.3
Sales workers, apparel	474	79.6	11.1	9.4
Sales workers, shoes	101	59.2	14.1	11.9
Sales workers, furniture and home furnishings	171	44.8	3.9	6.6
Sales workers, radio, television, hi-fi, and appliances	201	27.4	8.5	6.7
Sales workers, hardware and building supplies	250	22.1	1.8	3.8
Sales workers, parts	155	7.0	5.5	8.9
Sales workers, other commodities	1,428	70.2	7.1	5.7
Sales counter clerks	195	63.8	8.2	8.1
Cashiers	2,581	78.4	13.2	8.7
Street and door-to-door sales workers	319	69.9	7.3	7.6
News vendors	125	34.6	5.4	6.1
Sales-related occupations	93	60.5	5.3	6.1
Demonstrators, promoters, and models	58	72.2	7.2	8.4
Administrative support occupations, including clerical	18,555	78.8	11.2	6.8
Supervisors, administrative support	778	58.4	11.9	6.8
Supervisors, general office	484	66.1	13.5	5.7
Supervisors, financial records processing	98	72.2	5.0	4.2
Supervisors, distribution, scheduling, and adjusting clerks	165	30.6	12.1	12.0
Computer equipment operators	603	61.9	13.8	6.2
Computer operators	597	61.9	13.7	6.1
Secretaries, stenographers, and typists	4,174	98.2	8.9	5.9
Secretaries	3,588	98.9	7.7	5.8
Stenographers	94	93.6	2.9	5.1
Typists	494	94.3	18.8	7.4
Information clerks	1,678	88.8	9.3	7.9

See footnotes at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

22. Employed civilians by detailed occupation, sex, race, and Hispanic origin—Continued

(Numbers in thousands)

Occupation	1993			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Interviewers	149	80.2	10.3	8.5
Hotel clerks	102	74.2	8.5	10.3
Transportation ticket and reservation agents	252	73.2	8.3	8.0
Receptionists	899	97.2	8.6	7.6
Records processing, except financial	908	79.1	14.9	6.6
Order clerks	212	78.1	17.1	6.5
Personnel clerks, except payroll and timekeeping	63	89.2	15.2	3.9
Library clerks	146	75.9	11.6	3.4
File clerks	288	79.6	15.0	10.4
Records clerks	184	77.9	14.3	4.8
Financial records processing	2,272	89.9	5.4	5.3
Bookkeepers, accounting, and auditing clerks	1,806	90.9	4.5	4.9
Payroll and timekeeping clerks	173	88.3	6.6	5.2
Billing clerks	160	88.5	8.4	6.6
Cost and rate clerks	60	72.9	10.9	9.7
Billing, posting, and calculating machine operators	72	86.1	12.0	8.2
Duplicating, mail and other office machine operators	63	47.8	19.2	9.2
Communications equipment operators	208	86.1	20.9	8.0
Telephone operators	197	86.9	21.0	7.9
Mail and message distributing	953	37.6	19.0	7.4
Postal clerks, except mail carriers	297	44.8	26.8	6.8
Mail carriers, postal service	333	28.4	12.6	7.0
Mail clerks, except postal service	166	51.5	22.5	8.8
Messengers	157	29.1	14.2	7.9
Material recording, scheduling, and distributing clerks	1,852	44.0	14.0	8.3
Dispatchers	221	52.7	11.8	5.7
Production coordinators	196	50.2	7.8	4.7
Traffic, shipping, and receiving clerks	570	30.9	15.1	11.9
Stock and inventory clerks	489	43.4	14.5	6.8
Weighers, measurers, and checkers and samplers	67	45.6	15.9	10.4
Expeditors	227	67.0	13.9	7.1
Adjusters and investigators	1,372	74.0	12.2	6.1
Insurance adjusters, examiners, and investigators	372	71.5	12.1	4.0
Investigators and adjusters, except insurance	748	76.2	11.2	6.3
Eligibility clerks, social welfare	86	84.7	16.2	6.0
Bill and account collectors	166	64.3	14.8	9.5
Miscellaneous administrative support	3,694	82.3	12.4	7.8
General office clerks	731	82.0	11.4	9.6
Bank tellers	446	88.4	6.9	6.2
Data-entry keyers	623	82.4	16.4	8.3
Statistical clerks	50	78.4	15.4	3.3
Teachers' aides	508	92.2	15.7	12.3
Service occupations	16,522	59.5	17.3	11.2
Private household	912	95.1	17.1	21.6
Child care workers	345	97.2	9.0	15.0
Cleaners and servants	534	94.0	21.6	25.7
Protective service	2,152	17.2	17.4	6.6
Supervisors	185	7.8	12.2	4.8
Police and detectives	96	10.3	6.6	6.1
Guards	53	8.6	23.1	5.0
Firefighting and fire prevention occupations	208	3.7	7.6	4.5
Firefighting occupations	188	3.3	7.5	5.0
Police and detectives	923	16.0	18.0	5.4
Police and detectives, public service	511	12.0	14.5	5.9
Sheriffs, bailiffs, and other law enforcement officers	117	19.5	13.4	4.6
Correctional institution officers	295	21.6	25.8	5.0
Guards	836	23.9	20.4	8.8
Guards and police, except public services	711	17.2	22.6	9.5
Service occupations, except private household and protective service	13,457	63.9	17.3	11.2
Food preparation and service occupations	5,691	58.4	12.8	11.7
Supervisors, food preparation and service	337	68.0	10.4	6.9
Bartenders	321	53.3	3.8	3.1
Waiters and waitresses	1,414	80.0	4.6	7.5
Cooks	1,992	44.2	19.0	13.9
Food counter, fountain and related occupations	367	69.2	12.6	8.1
Kitchen workers, food preparation	260	75.3	15.0	10.8
Waiters' and waitresses' assistants	368	43.7	11.4	18.1
Miscellaneous food preparation	632	47.4	17.4	19.6

See footnotes at end of table.

**HOUSEHOLD DATA
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22. Employed civilians by detailed occupation, sex, race, and Hispanic origin—Continued

(Numbers in thousands)

Occupation	1993			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Health service occupations	2,213	87.4	27.3	7.7
Dental assistants	181	97.8	3.4	10.4
Health aides, except nursing	312	78.9	22.2	4.7
Nursing aides, orderlies, and attendants	1,719	87.9	30.7	7.9
Cleaning and building service occupations	2,959	42.2	22.4	16.2
Supervisors	149	40.7	18.4	11.0
Maids and housemen	661	81.7	27.3	18.6
Janitors and cleaners	2,086	30.7	21.5	16.1
Personal service occupations	2,594	80.7	12.9	7.6
Supervisors	115	69.0	9.4	4.2
Barbers	86	22.3	27.5	8.5
Hairdressers and cosmetologists	758	90.1	9.4	6.3
Attendants, amusement and recreation facilities	161	39.4	7.4	5.8
Public transportation attendants	104	80.4	8.8	7.4
Welfare service aides	73	82.1	21.2	16.6
Family child care providers	302	99.0	9.4	10.2
Early childhood teachers' assistants	418	96.6	15.7	6.4
Precision production, craft, and repair	13,326	8.6	7.4	9.2
Mechanics and repairers	4,416	3.5	7.3	7.9
Supervisors	220	7.5	6.7	3.7
Mechanics and repairers, except supervisors	4,196	3.3	7.3	8.1
Vehicle and mobile equipment mechanics and repairers	1,800	1.0	6.1	9.9
Automobile mechanics	854	.6	6.4	10.8
Bus, truck, and stationary engine mechanics	344	.3	7.5	7.1
Aircraft engine mechanics	139	4.1	5.1	11.5
Small engine repairers	70	2.1	1.0	4.4
Automobile body and related repairers	192	.7	5.4	15.6
Heavy equipment mechanics	153	.6	6.4	4.7
Industrial machinery repairers	548	2.6	8.2	6.9
Electrical and electronic equipment repairers	655	9.5	9.0	5.8
Electronic repairers, communications and industrial equipment	165	7.8	9.6	8.8
Data processing equipment repairers	152	10.7	10.2	5.0
Telephone installers and repairers	188	12.5	9.9	3.4
Heating, air conditioning, and refrigeration mechanics	262	1.0	4.3	7.7
Miscellaneous mechanics and repairers	906	4.5	8.8	7.0
Office machine repairers	59	3.7	13.5	6.5
Construction trades	5,004	1.9	6.5	9.5
Supervisors	736	2.0	3.9	4.9
Construction trades, except supervisors	4,269	1.9	7.0	10.2
Brickmasons and stonemasons	186	.6	15.2	10.7
Tile setters, hard and soft	56	2.6	3.2	21.9
Carpet installers	94	2.1	6.9	15.6
Carpenters	1,276	.9	4.5	7.7
Drywall installers	135	1.3	7.3	16.9
Electricians	666	1.1	6.1	5.1
Electrical power installers and repairers	110	.9	7.8	4.7
Painters, construction and maintenance	548	5.2	7.5	15.6
Plumbers, pipefitters, and steamfitters	435	.7	8.1	8.2
Concrete and terrazzo finishers	75	.0	14.5	25.3
Insulation workers	60	7.6	14.8	6.8
Roofers	222	1.2	9.0	18.9
Extractive occupations	148	1.8	4.6	7.9
Precision production occupations	3,758	23.6	8.8	10.5
Supervisors	1,227	16.9	8.0	8.6
Precision metalworking	834	7.5	6.1	8.1
Tool and die makers	133	1.7	3.1	3.1
Machinists	441	4.0	7.2	7.7
Sheet-metal workers	106	7.1	7.4	9.3
Precision woodworking occupations	127	11.7	8.5	10.3
Cabinet makers and bench carpenters	85	7.8	6.2	9.9
Precision textile, apparel, and furnishings machine workers	219	55.8	9.0	18.3
Dressmakers	97	94.1	8.0	9.0
Upholsterers	63	16.5	9.7	23.4
Precision workers, assorted materials	505	56.6	11.9	13.5
Optical goods workers	60	51.5	7.2	13.1
Dental laboratory and medical appliance technicians	51	33.1	3.9	14.7
Electrical and electronic equipment assemblers	315	67.5	14.6	14.9
Precision food production occupations	442	33.2	12.3	18.4

See footnotes at end of table.

22. Employed civilians by detailed occupation, sex, race, and Hispanic origin—Continued

(Numbers in thousands)

Occupation	1993			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Butchers and meat cutters	269	21.3	14.1	21.2
Bakers	119	45.9	8.9	11.8
Precision inspectors, testers, and related workers	136	26.2	8.8	7.0
Inspectors, testers, and graders	127	25.6	9.1	7.2
Plant and system operators	267	4.9	9.0	3.6
Water and sewage treatment plant operators	57	7.6	6.2	1.0
Stationary engineers	124	2.9	9.8	3.7
Operators, fabricators, and laborers	17,038	24.5	14.9	12.1
Machine operators, assemblers, and inspectors	7,415	38.7	14.7	13.8
Machine operators and tenders, except precision	4,757	38.8	15.5	14.5
Metalworking and plastic working machine operators	381	15.6	9.6	11.1
Punching and stamping press machine operators	99	27.3	12.9	10.4
Grinding, abrading, buffing, and polishing machine operators	124	12.1	7.9	16.1
Metal and plastic processing machine operators	149	21.6	11.2	12.9
Molding and casting machine operators	93	28.6	11.5	10.3
Woodworking machine operators	136	12.9	13.2	7.0
Sawing machine operators	85	10.6	16.4	6.8
Printing machine operators	403	25.8	6.0	7.5
Printing press operators	263	16.4	6.9	8.6
Typesetters and compositors	54	66.4	1.5	3.0
Textile, apparel, and furnishings machine operators	1,159	74.4	20.8	19.9
Winding and twisting machine operators	51	76.7	37.6	3.4
Textile sewing machine operators	616	85.8	18.5	24.1
Pressing machine operators	147	62.7	24.0	20.4
Laundering and dry cleaning machine operators	216	58.8	21.7	17.7
Machine operators, assorted materials	2,506	30.4	15.8	14.3
Packaging and filling machine operators	343	58.3	18.8	21.7
Mixing and blending machine operators	113	11.0	19.5	13.1
Separating, filtering, and clarifying machine operators	54	12.7	8.6	4.3
Painting and paint spraying machine operators	203	12.0	12.6	14.7
Furnace, kiln, and oven operators, except food	81	5.2	17.8	5.5
Slicing and cutting machine operators	195	28.1	12.7	19.7
Photographic process machine operators	80	51.7	8.7	8.9
Fabricators, assemblers, and hand working occupations	1,882	32.7	12.7	12.0
Welders and cutters	539	3.5	10.1	10.6
Assemblers	1,129	43.7	14.9	12.2
Production inspectors, testers, samplers, and weighers	777	52.4	15.0	13.7
Production inspectors, checkers, and examiners	560	54.4	14.8	11.1
Graders and sorters, except agricultural	156	53.3	15.7	23.0
Transportation and material moving occupations	5,004	9.3	14.0	8.6
Motor vehicle operators	3,825	10.6	14.2	8.9
Supervisors	84	18.3	8.4	7.4
Truck drivers	2,786	4.5	12.3	8.8
Drivers—sales workers	178	8.6	6.2	6.2
Bus drivers	506	45.8	23.1	8.0
Taxicab drivers and chauffeurs	225	9.4	23.6	12.3
Transportation occupations, except motor vehicles	170	4.1	10.2	3.1
Rail transportation	108	4.0	11.7	1.5
Water transportation	62	4.2	7.6	5.7
Material moving equipment operators	1,009	4.5	13.9	8.5
Operating engineers	193	1.0	7.1	4.9
Crane and tower operators	85	1.1	10.6	5.6
Excavating and loading machine operators	111	.4	5.8	7.1
Grader, dozer, and scraper operators	84	1.8	9.3	2.6
Industrial truck and tractor equipment operators	432	7.3	20.9	12.0
Handlers, equipment cleaners, helpers, and laborers	4,619	18.3	16.1	12.9
Helpers, construction and extractive occupations	116	2.0	9.6	18.6
Helpers, construction trades	106	1.9	9.9	19.9
Construction laborers	658	3.5	14.9	16.7
Freight, stock, and material handlers	1,850	20.7	16.7	9.9
Stock handlers and baggers	1,050	27.0	13.2	9.5
Machine feeders and offbearers	78	38.1	22.3	4.4
Garage and service station related occupations	198	6.5	13.4	7.7
Vehicle washers and equipment cleaners	256	13.0	19.1	20.8
Hand packers and packagers	321	58.3	15.4	13.9
Laborers, except construction	1,127	17.0	16.7	13.7

See footnotes at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

22. Employed civilians by detailed occupation, sex, race, and Hispanic origin—Continued

(Numbers in thousands)

Occupation	1993			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Farming, forestry, and fishing	3,326	15.4	6.3	16.0
Farm operators and managers	1,170	14.3	0.9	2.4
Farmers	1,032	14.4	0.9	1.9
Farm managers	138	13.1	.7	6.7
Other agricultural and related occupations	1,963	17.0	9.5	24.8
Farm occupations, except managerial	871	20.8	6.8	29.4
Farm workers	801	20.0	7.0	28.5
Related agricultural occupations	1,092	14.2	11.6	21.1
Supervisors	71	2.5	8.5	17.7
Groundskeepers and gardeners, except farm	863	5.6	12.8	21.3
Animal caretakers, except farm	107	65.5	6.0	3.7
Forestry and logging occupations	132	5.9	10.4	11.8
Timber cutting and logging occupations	93	1.2	13.7	4.7
Fishers, hunters, and trappers	61	4.4	1.7	4.8
Fishers	51	4.3	1.5	5.8

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.

23. Employed civilians by age, sex, and class of worker

(In thousands)

Age and sex	1993								
	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self-employed workers	Unpaid family workers	Wage and salary workers	Self-employed workers	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	107,011	1,105	18,504	87,402	9,003	218	1,637	1,332	105
16 to 19 years	5,243	170	284	4,789	58	16	166	23	23
16 to 17 years	2,011	104	98	1,810	23	6	75	12	14
18 to 19 years	3,232	66	186	2,979	35	10	91	11	9
20 to 24 years	11,577	124	1,072	10,381	246	14	244	47	8
25 to 34 years	29,493	189	4,168	25,135	1,836	32	499	234	12
35 to 44 years	28,905	189	5,806	22,910	2,740	55	366	313	22
45 to 54 years	19,739	174	4,727	14,838	2,167	51	189	249	17
55 to 64 years	9,565	166	2,025	7,373	1,336	30	116	252	13
55 to 59 years	5,904	90	1,259	4,555	772	14	65	134	7
60 to 64 years	3,660	76	767	2,818	564	16	51	118	6
65 years and over	2,489	93	421	1,975	620	19	56	214	11
Men, 16 years and over	56,295	142	8,386	47,768	5,918	49	1,274	1,126	38
16 to 19 years	2,617	33	134	2,451	31	12	137	20	18
16 to 17 years	1,003	23	50	931	11	6	64	12	10
18 to 19 years	1,614	10	84	1,520	20	7	73	8	8
20 to 24 years	5,952	24	487	5,441	153	9	193	44	5
25 to 34 years	15,978	29	1,989	13,961	1,164	4	391	193	4
35 to 44 years	15,152	17	2,500	12,636	1,810	5	277	261	3
45 to 54 years	10,229	15	2,138	8,076	1,422	4	140	199	2
55 to 64 years	5,074	12	941	4,120	904	5	92	217	1
55 to 59 years	3,134	6	567	2,561	511	1	50	115	1
60 to 64 years	1,940	6	374	1,559	393	4	42	102	1
65 years and over	1,292	11	197	1,084	433	9	45	192	5
Women, 16 years and over	50,716	963	10,118	39,634	3,085	169	363	206	67
16 to 19 years	2,626	137	151	2,338	27	4	30	3	4
16 to 17 years	1,008	81	48	879	12	1	12	-	3
18 to 19 years	1,618	56	102	1,460	15	3	18	3	1
20 to 24 years	5,625	100	585	4,940	93	5	50	3	4
25 to 34 years	13,515	160	2,180	11,175	672	28	109	41	9
35 to 44 years	13,753	172	3,306	10,275	930	50	90	52	19
45 to 54 years	9,510	159	2,589	6,762	744	47	50	51	14
55 to 64 years	4,491	154	1,084	3,253	432	25	24	35	11
55 to 59 years	2,771	84	691	1,995	261	13	15	19	6
60 to 64 years	1,720	69	393	1,258	171	12	8	16	5
65 years and over	1,197	82	223	891	187	10	11	22	6

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24. Employed civilians in nonagricultural industries by sex and class of worker

(In thousands)

Industry and sex	1993					
	Total employed	Wage and salary workers			Self-employed workers	Unpaid family workers
		Total	Government	Private industries		
TOTAL						
Mining	669	652	-	652	17	-
Construction	7,220	5,638	496	5,141	1,555	28
Manufacturing	19,557	19,102	112	18,989	442	13
Durable goods	11,325	11,058	95	10,963	260	8
Nondurable goods	8,232	8,044	17	8,026	183	8
Transportation and public utilities	8,481	8,098	1,614	6,484	372	11
Wholesale and retail trade	24,769	22,794	99	22,695	1,890	84
Wholesale trade	4,606	4,243	8	4,235	349	14
Retail trade	20,163	18,552	91	18,460	1,541	69
Finance, insurance, and real estate	7,962	7,282	234	7,048	664	16
Services	41,817	37,689	10,191	27,498	4,062	86
Private households	1,114	1,106	1	1,105	8	-
Other service industries	40,703	36,583	10,191	26,393	4,054	66
Business and repair	6,838	5,550	55	5,495	1,263	25
Personal, except private households	3,329	2,633	17	2,617	686	9
Entertainment and recreation	2,060	1,803	319	1,464	252	5
Professional	28,293	26,464	9,728	16,737	1,804	25
Hospitals	5,032	5,024	1,023	4,002	7	-
Health services, except hospitals	5,521	5,110	478	4,632	400	11
Educational	9,485	9,369	7,459	1,910	115	2
Social services	2,770	2,339	609	1,730	426	4
Other	5,486	4,623	159	4,463	855	8
Forestry and fisheries	183	133	73	60	49	1
Public administration	5,756	5,756	5,756	-	-	-
Men						
Mining	561	545	-	545	16	-
Construction	6,603	5,120	446	4,674	1,478	5
Manufacturing	13,249	12,928	83	12,845	318	3
Durable goods	8,314	8,100	71	8,029	212	2
Nondurable goods	4,934	4,828	12	4,815	106	1
Transportation and public utilities	6,062	5,741	1,158	4,583	319	2
Wholesale and retail trade	13,202	12,039	39	12,000	1,141	22
Wholesale trade	3,276	2,988	6	2,982	285	3
Retail trade	9,927	9,051	33	9,019	856	19
Finance, insurance, and real estate	3,298	2,842	127	2,715	453	2
Services	16,001	13,793	3,245	10,548	2,193	15
Private households	146	142	-	142	4	-
Other service industries	15,855	13,651	3,245	10,406	2,190	14
Business and repair	4,435	3,525	29	3,496	904	6
Personal, except private households	1,189	965	7	958	220	3
Entertainment and recreation	1,199	1,034	202	832	165	1
Professional	8,888	8,027	2,960	5,066	858	3
Hospitals	1,197	1,194	327	867	3	-
Health services, except hospitals	1,205	949	111	838	255	1
Educational	3,012	2,984	2,269	716	27	-
Social services	510	495	154	341	14	2
Other	2,964	2,404	100	2,304	559	1
Forestry and fisheries	144	100	47	53	43	1
Public administration	3,288	3,288	3,288	-	-	-
Women						
Mining	108	107	-	107	1	-
Construction	617	518	51	468	77	23
Manufacturing	6,309	6,174	29	6,145	124	11
Durable goods	3,011	2,958	24	2,934	47	6
Nondurable goods	3,298	3,216	5	3,211	77	5
Transportation and public utilities	2,419	2,357	456	1,901	53	9
Wholesale and retail trade	11,566	10,755	60	10,695	750	62
Wholesale trade	1,330	1,255	2	1,253	64	12
Retail trade	10,236	9,500	59	9,442	685	50
Finance, insurance, and real estate	4,664	4,441	108	4,333	211	13
Services	25,816	23,896	6,946	16,950	1,869	52
Private households	968	964	1	963	4	-
Other service industries	24,848	22,932	6,946	15,967	1,865	51
Business and repair	2,403	2,025	26	1,999	360	19
Personal, except private households	2,140	1,668	10	1,659	466	6
Entertainment and recreation	881	768	117	651	88	5
Professional	19,405	18,438	6,767	11,670	946	22
Hospitals	3,835	3,830	696	3,134	4	-
Health services, except hospitals	4,316	4,161	367	3,794	145	11
Educational	8,473	6,384	5,180	1,194	88	1
Social services	2,259	1,845	455	1,389	412	2
Other	2,522	2,218	59	2,159	296	7
Forestry and fisheries	40	33	26	7	6	1
Public administration	2,468	2,468	2,468	-	-	-

25. Employed civilians by industry, sex, and occupation

(In thousands)

Industry and sex	1993												
	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	3,074	99	87	38	14	115	-	15	44	8	52	20	2,582
Mining	669	102	75	24	4	73	-	7	232	24	102	24	-
Construction	7,220	935	137	46	75	391	-	34	4,253	79	517	730	24
Manufacturing	19,557	2,449	1,692	692	742	2,154	-	310	3,719	6,014	705	986	94
Durable goods	11,325	1,427	1,089	462	284	1,178	-	161	2,540	3,303	359	436	86
Nondurable goods	8,232	1,022	603	230	458	976	-	149	1,179	2,711	346	550	8
Transportation and public utilities	8,481	975	497	327	240	2,304	-	263	1,267	129	1,993	467	18
Wholesale and retail trade	24,769	2,175	435	175	10,261	2,324	-	4,762	1,377	288	1,022	1,884	64
Wholesale trade	4,606	535	85	48	1,826	767	-	40	294	113	489	369	41
Retail trade	20,163	1,641	350	127	8,435	1,557	-	4,722	1,084	175	533	1,515	23
Finance, insurance, and real estate	7,962	2,095	244	161	1,932	2,941	-	286	182	21	13	18	69
Services	41,817	5,251	12,877	2,282	951	6,795	912	8,464	2,028	814	547	452	444
Private households	1,114	4	8	2	1	11	912	82	12	1	5	20	58
Other service industries	40,703	5,248	12,869	2,280	950	6,785	-	8,382	2,017	813	543	432	386
Professional services	28,293	3,313	11,493	1,954	176	5,084	-	5,110	417	221	314	107	104
Public administration	5,756	1,293	859	268	26	1,457	-	1,469	223	38	53	39	30
Men													
Agriculture	2,438	72	59	9	10	7	-	10	43	7	50	15	2,156
Mining	561	74	66	18	4	17	-	6	228	23	101	24	-
Construction	6,603	792	125	41	61	55	-	26	4,185	76	512	707	24
Manufacturing	13,249	1,752	1,313	518	517	661	-	238	3,110	3,664	660	725	92
Durable goods	8,314	1,064	920	368	223	385	-	123	2,123	2,332	344	347	85
Nondurable goods	4,934	688	393	149	294	276	-	114	986	1,332	316	377	7
Transportation and public utilities	6,062	639	367	266	138	952	-	132	1,193	104	1,833	422	15
Wholesale and retail trade	13,202	1,260	210	80	5,115	508	-	2,210	1,206	165	955	1,458	36
Wholesale trade	3,276	343	58	32	1,464	185	-	27	282	76	473	317	18
Retail trade	9,927	918	152	48	3,651	323	-	2,183	923	89	482	1,141	18
Finance, insurance, and real estate	3,298	1,020	124	79	1,129	468	-	195	173	15	13	16	65
Services	16,001	2,589	5,157	808	404	931	44	2,627	1,834	465	367	374	400
Private households	146	2	1	-	-	1	44	7	10	1	4	20	54
Other service industries	15,855	2,587	5,156	808	404	929	-	2,620	1,824	465	363	354	345
Professional services	8,888	1,431	4,334	578	55	550	-	1,157	357	110	152	76	89
Public administration	3,288	724	495	165	12	338	-	1,200	213	28	49	35	27
Women													
Agriculture	636	28	29	29	4	108	-	5	1	1	2	5	426
Mining	108	28	9	5	-	56	-	2	4	1	2	-	-
Construction	617	143	13	5	14	336	-	8	68	2	5	22	-
Manufacturing	6,309	697	380	174	225	1,492	-	72	609	2,350	45	261	2
Durable goods	3,011	364	169	94	61	793	-	38	417	971	15	89	1
Nondurable goods	3,298	334	211	81	164	699	-	35	192	1,379	30	172	1
Transportation and public utilities	2,419	336	130	61	102	1,352	-	131	74	24	160	45	3
Wholesale and retail trade	11,566	915	225	95	5,146	1,816	-	2,552	172	124	67	426	28
Wholesale trade	1,330	192	27	16	362	582	-	13	11	37	16	52	23
Retail trade	10,236	723	198	79	4,784	1,235	-	2,539	160	86	52	374	5
Finance, insurance, and real estate	4,664	1,074	119	82	803	2,473	-	90	9	7	1	2	4
Services	25,816	2,662	7,720	1,474	547	5,865	868	5,837	194	348	180	78	44
Private households	968	1	7	2	1	9	868	74	1	-	-	1	4
Other service industries	24,848	2,661	7,713	1,472	546	5,856	-	5,762	193	348	179	78	40
Professional services	19,405	1,882	7,159	1,376	121	4,534	-	3,953	60	112	162	31	14
Public administration	2,468	569	364	103	14	1,119	-	269	10	10	4	3	3

¹ Includes protective service, not shown separately.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

26. Employed civilians by industry, race, and occupation

(In thousands)

Industry and race	1993												
	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	2,864	96	85	36	13	111	-	13	41	7	45	18	2,399
Mining	630	99	69	22	4	70	-	7	218	24	95	22	-
Construction	6,599	893	123	44	73	368	-	25	3,927	68	456	603	20
Manufacturing	16,861	2,291	1,545	612	702	1,891	-	243	3,257	4,850	594	797	78
Durable goods	9,922	1,347	995	409	273	1,051	-	128	2,250	2,734	300	364	70
Nondurable goods	6,939	944	550	203	428	840	-	115	1,007	2,116	294	433	8
Transportation and public utilities	7,027	861	434	289	206	1,848	-	198	1,118	105	1,617	337	14
Wholesale and retail trade	21,696	1,937	388	157	9,165	2,073	-	3,956	1,260	253	887	1,562	58
Wholesale trade	4,186	495	75	44	1,723	690	-	31	269	97	425	300	37
Retail trade	17,510	1,442	313	112	7,443	1,383	-	3,925	991	156	462	1,262	21
Finance, insurance, and real estate	7,037	1,902	209	136	1,806	2,520	-	220	148	16	12	14	55
Services	35,414	4,721	11,393	1,918	819	5,834	721	6,388	1,793	640	444	353	390
Private households	874	3	6	2	1	9	721	53	10	-	5	15	49
Other service industries	34,540	4,718	11,388	1,916	818	5,824	-	6,335	1,783	640	439	337	342
Professional services	24,005	2,969	10,152	1,631	152	4,360	-	3,787	360	174	251	83	87
Public administration	4,685	1,088	724	223	21	1,121	-	1,199	192	31	36	26	23
BLACK													
Agriculture	142	2	1	1	1	2	-	1	2	1	5	1	126
Mining	25	2	2	-	-	2	-	-	11	-	6	2	-
Construction	461	24	5	1	1	16	-	8	241	9	49	103	4
Manufacturing	1,968	81	56	48	27	199	-	59	330	894	99	162	13
Durable goods	983	35	29	26	7	93	-	29	196	439	53	63	12
Nondurable goods	985	46	26	22	20	106	-	30	134	455	46	99	1
Transportation and public utilities	1,171	79	33	30	29	369	-	50	120	20	323	115	4
Wholesale and retail trade	2,076	127	27	9	716	176	-	536	77	26	114	262	5
Wholesale trade	276	15	5	1	48	51	-	6	18	12	56	58	4
Retail trade	1,799	112	21	8	668	126	-	530	59	14	58	204	1
Finance, insurance, and real estate	666	122	26	17	79	316	-	56	30	5	1	4	11
Services	4,776	363	939	246	93	729	156	1,751	152	132	88	85	41
Private households	198	-	1	-	-	1	156	25	1	-	-	5	9
Other service industries	4,578	363	937	246	92	728	-	1,727	151	132	89	80	33
Professional services	3,241	254	852	221	20	557	-	1,163	41	40	59	20	14
Public administration	861	159	94	34	3	271	-	242	22	6	14	10	6

¹ Includes protective service, not shown separately.

27. Employed civilians in nonagricultural industries by sex, age, and race

(In thousands)

Sex, age, and race	1993									
	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	669	7,220	19,557	11,325	8,232	8,481	24,769	7,962	40,703	5,756
16 to 19 years	6	179	362	170	191	92	3,018	126	1,326	39
20 years and over	664	7,042	19,196	11,155	8,041	8,389	21,751	7,836	39,377	5,717
20 to 24 years	34	669	1,599	852	747	544	3,867	766	3,936	297
25 years and over	629	6,374	17,597	10,303	7,294	7,846	17,884	7,070	35,441	5,420
25 to 54 years	572	5,600	15,316	8,991	6,325	6,958	15,189	5,986	30,131	4,710
55 years and over	57	774	2,281	1,312	969	888	2,695	1,084	5,310	710
Men, 16 years and over	561	6,603	13,249	8,314	4,934	6,062	13,202	3,298	15,855	3,288
16 to 19 years	4	166	251	125	126	66	1,504	41	577	17
20 years and over	557	6,437	12,997	8,190	4,808	5,995	11,698	3,256	15,278	3,271
20 to 24 years	29	623	1,083	621	461	357	1,982	252	1,607	159
25 years and over	528	5,815	11,915	7,568	4,346	5,638	9,717	3,004	13,671	3,112
25 to 54 years	479	5,123	10,333	6,572	3,760	4,947	8,278	2,438	11,416	2,691
55 years and over	49	692	1,582	996	586	691	1,439	566	2,255	421
Women, 16 years and over	108	617	6,309	3,011	3,298	2,419	11,566	4,664	24,848	2,468
16 to 19 years	1	13	110	46	65	25	1,514	84	749	22
20 years and over	107	605	6,198	2,965	3,233	2,394	10,053	4,580	24,099	2,446
20 to 24 years	6	46	516	230	286	187	1,886	514	2,330	138
25 years and over	102	559	5,682	2,736	2,948	2,206	8,167	4,066	21,770	2,308
25 to 54 years	93	477	4,983	2,419	2,565	2,010	6,911	3,548	18,715	2,019
55 years and over	9	82	699	317	383	196	1,256	518	3,055	289
White										
Men, 16 years and over	527	6,025	11,635	7,365	4,270	5,058	11,533	2,926	13,544	2,776
16 to 19 years	4	156	227	114	113	56	1,317	35	497	14
20 years and over	523	5,868	11,409	7,251	4,157	5,002	10,216	2,891	13,047	2,762
20 to 24 years	28	571	944	548	396	289	1,698	213	1,326	134
25 years and over	495	5,297	10,464	6,703	3,761	4,714	8,519	2,678	11,721	2,629
25 to 54 years	449	4,666	9,045	5,806	3,239	4,130	7,209	2,155	9,724	2,267
55 years and over	46	631	1,419	897	522	584	1,310	523	1,997	362
Women, 16 years and over	103	574	5,225	2,557	2,669	1,969	10,163	4,111	20,996	1,908
16 to 19 years	1	12	98	42	57	20	1,339	77	662	14
20 years and over	102	562	5,127	2,515	2,612	1,949	8,824	4,034	20,335	1,894
20 to 24 years	4	43	431	197	234	151	1,614	444	1,987	101
25 years and over	98	519	4,696	2,318	2,378	1,798	7,210	3,591	18,348	1,794
25 to 54 years	89	440	4,091	2,040	2,051	1,625	6,039	3,101	15,752	1,546
55 years and over	9	79	605	278	327	173	1,171	490	2,596	248
Black										
Men, 16 years and over	22	430	1,181	668	512	808	1,118	256	1,594	399
16 to 19 years	-	5	19	6	12	7	140	4	61	2
20 years and over	22	425	1,162	662	500	801	978	252	1,533	397
20 to 24 years	-	34	97	50	48	57	200	29	207	20
25 years and over	21	391	1,064	612	452	744	778	223	1,326	378
25 to 54 years	19	342	939	535	404	656	692	193	1,143	334
55 years and over	2	49	125	77	48	88	86	30	183	44
Women, 16 years and over	3	30	787	314	473	363	957	410	2,985	462
16 to 19 years	-	-	10	3	7	4	126	5	67	7
20 years and over	3	30	777	311	466	359	832	405	2,918	455
20 to 24 years	1	2	61	23	39	27	206	52	272	31
25 years and over	3	28	715	288	427	331	626	354	2,646	424
25 to 54 years	3	27	655	260	395	313	578	334	2,273	393
55 years and over	-	1	60	28	32	18	48	20	373	31

¹ Excludes private households.

**HOUSEHOLD DATA
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28. Employed civilians by detailed industry, sex, race, and Hispanic origin

(Numbers in thousands)

Industry	1993			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Total, 16 years and over	119,306	45.8	10.2	7.8
Agriculture	3,074	20.7	4.6	15.2
Agricultural production, crops	904	16.1	5.1	24.7
Agricultural production, livestock	1,163	21.3	2.0	3.9
Veterinary services	164	72.5	3.0	1.7
Landscape and horticultural services	678	8.7	9.2	21.8
Agricultural services, n.e.c.	166	39.6	3.7	29.0
Mining	669	16.2	3.7	5.0
Coal mining	114	5.3	4.5	.4
Oil and gas extraction	371	22.2	2.6	6.4
Nonmetallic mining and quarrying, except fuel	135	11.4	6.4	5.1
Construction	7,220	8.6	6.4	8.7
Manufacturing	19,557	32.3	10.1	9.0
Durable goods	11,325	26.6	8.7	8.0
Lumber and wood products, except furniture	705	15.4	11.7	5.6
Logging	139	4.7	15.2	.9
Sawmills, planing mills, and millwork	349	14.9	13.2	6.0
Wood buildings and mobile homes	75	19.9	5.0	4.6
Miscellaneous wood products	142	24.5	8.2	9.4
Furniture and fixtures	624	29.6	8.5	12.4
Stone, clay, glass, and concrete products	530	20.1	12.7	9.2
Glass and glass products	167	27.6	12.3	5.7
Cement, concrete, gypsum, and plaster products	174	9.5	14.0	10.2
Structural clay, pottery, and related products	88	26.5	15.4	11.9
Miscellaneous nonmetallic mineral and stone products	102	20.6	8.6	10.7
Metal industries	1,938	18.9	7.9	9.8
Primary metal industries	727	13.9	10.9	7.6
Blast furnaces, steelworks, rolling, and finishing mills	345	10.5	14.4	6.6
Iron and steel foundries	94	9.9	8.9	6.6
Primary aluminum industries	133	17.8	8.7	9.3
Other primary metal industries	155	20.3	6.2	8.7
Fabricated metal industries	1,212	21.9	6.1	11.2
Cutlery, hand tools, and general hardware	99	39.3	8.7	7.8
Fabricated structural metal products	480	16.5	5.2	10.2
Metal forging and stampings	131	22.1	5.4	7.4
Ordnance	73	27.9	7.7	6.0
Miscellaneous and not specified fabricated metal products	380	22.2	6.7	15.1
Machinery and computing equipment	2,224	22.0	5.5	5.5
Engines and turbines	73	16.1	5.8	1.8
Farm machinery and equipment	100	21.9	9.1	2.9
Construction and material handling machines	204	10.7	4.0	4.4
Metal working machinery	262	15.6	3.0	4.4
Computers and related equipment	518	34.5	7.1	6.3
Machinery, except electrical, n.e.c. and not specified	1,019	19.7	4.8	6.0
Electrical machinery, equipment and supplies	1,760	40.3	8.1	8.4
Household appliances	144	38.2	13.7	5.6
Radio, T.V., and communication equipment	401	37.1	8.8	6.6
Electrical machinery, equipment, and supplies, n.e.c. and not specified	1,215	41.6	7.2	9.4
Transportation equipment	2,289	23.0	11.3	6.3
Motor vehicles and motor vehicle equipment	1,180	24.6	13.1	4.9
Aircraft and parts	503	20.3	9.7	8.8
Ship and boat building and repairing	221	15.2	18.0	5.4
Guided missiles, space vehicles, and parts	319	27.7	5.1	7.4
Professional and photographic equipment, and watches	686	41.2	8.9	8.1
Scientific and controlling instruments	211	35.9	6.5	4.8
Medical, dental, and optical instruments and supplies	361	46.4	6.6	10.9
Photographic equipment and supplies	104	33.9	12.8	4.5
Toys, amusements, and sporting goods	147	42.7	4.8	13.4
Miscellaneous and not specified manufacturing industries	422	41.0	8.6	14.1
Nondurable goods	8,232	40.1	12.0	10.4
Food and kindred products	1,763	33.0	14.2	14.9
Meat products	463	33.6	22.8	19.8
Dairy products	155	26.5	5.2	6.2
Canned, frozen, and preserved fruits and vegetables	226	42.3	9.7	24.1
Grain mill products	141	24.7	8.9	5.6

See footnotes at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

28. Employed civilians by detailed industry, sex, race, and Hispanic origin—Continued

(Numbers in thousands)

Industry	1993			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Bakery products	228	32.7	15.7	13.6
Sugar and confectionary products	106	48.0	12.6	15.0
Beverage industries	219	25.0	10.5	8.4
Miscellaneous and not specified food and kindred products	224	33.3	13.5	14.9
Tobacco manufactures	54	36.3	29.4	4.6
Textile mill products	620	46.8	23.7	6.3
Knitting mills	130	65.0	14.3	12.0
Carpets and rugs	52	49.8	35.6	2.4
Yarn, thread, and fabric mills	365	42.9	25.5	4.8
Apparel and other finished textile products	1,004	71.4	15.2	21.8
Apparel and accessories, except knit	850	73.0	14.7	22.9
Miscellaneous fabricated textile products	154	63.1	17.6	15.7
Paper and allied products	721	24.9	11.4	6.2
Pulp, paper, and paperboard mills	292	18.0	7.5	2.2
Miscellaneous paper and pulp products	207	34.2	14.0	7.8
Paperboard containers and boxes	222	25.2	14.0	10.0
Printing, publishing, and allied products	1,784	42.4	6.4	5.8
Newspaper publishing and printing	513	42.7	7.9	4.4
Printing, publishing, and allied industries, except newspapers	1,271	42.3	5.8	6.4
Chemicals and allied products	1,205	33.4	10.6	6.9
Plastics, synthetics, and resins	137	26.9	12.7	13.7
Drugs	310	45.7	12.2	6.6
Soaps and cosmetics	163	48.7	16.0	9.9
Industrial and miscellaneous chemicals	515	24.7	7.7	4.7
Petroleum and coal products	176	17.6	8.1	6.8
Petroleum refining	154	16.6	7.8	6.6
Rubber and miscellaneous plastics products	783	32.4	9.1	9.6
Tires and inner tubes	84	14.1	15.3	.9
Other rubber products, and plastics footwear and belting	140	35.4	7.6	7.0
Miscellaneous plastics products	559	34.4	8.6	11.5
Leather and leather products	122	53.7	7.8	14.2
Footwear, except rubber and plastic	65	55.1	5.9	10.0
Transportation, communications, and other public utilities	8,481	28.5	13.8	7.1
Transportation	5,317	25.5	14.3	8.1
Railroads	301	9.6	12.9	4.1
Bus service and urban transit	533	28.1	26.9	8.7
Taxicab service	121	8.9	27.1	15.0
Trucking service	2,014	13.3	11.7	7.0
Warehousing and storage	156	25.3	13.6	15.1
U.S. Postal Service	850	36.0	21.3	7.3
Water transportation	192	20.2	12.3	9.1
Air transportation	761	36.7	8.8	8.5
Services incidental to transportation	375	61.3	5.1	11.0
Communications	1,568	45.9	13.4	5.7
Radio and television broadcasting and cable	394	38.9	8.7	6.6
Telephone communications	1,141	48.5	15.3	5.5
Utilities and sanitary services	1,597	21.6	12.5	5.2
Electric light and power	653	23.8	8.8	3.9
Gas and steam supply systems	199	25.8	9.1	5.7
Electric and gas, and other combinations	171	22.4	14.0	4.5
Water supply and irrigation	207	17.7	13.7	5.5
Sanitary services	349	16.0	19.7	7.9
Wholesale and retail trade	24,769	46.7	8.4	8.4
Wholesale trade	4,606	28.9	6.0	7.9
Durable goods	2,475	27.7	5.0	6.2
Motor vehicles and equipment	200	24.5	4.7	6.3
Furniture and home furnishings	70	34.0	5.0	6.1
Lumber and construction materials	170	23.6	7.4	6.7
Professional and commercial equipment and supplies	442	32.9	6.2	5.3
Metals and minerals, except petroleum	94	24.3	5.4	4.6
Electrical goods	325	32.2	4.4	6.5
Hardware, plumbing and heating supplies	251	24.2	4.4	4.9
Machinery, equipment, and supplies	599	26.4	3.9	4.5
Scrap and waste materials	180	15.3	7.2	14.0
Miscellaneous wholesale trade, durable goods	143	36.7	3.6	7.8

See footnotes at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

28. Employed civilians by detailed industry, sex, race, and Hispanic origin—Continued

(Numbers in thousands)

Industry	1993			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Nondurable goods	2,131	30.3	7.1	9.9
Paper and paper products	145	38.0	5.6	4.2
Drugs, chemicals, and allied products	193	40.1	6.1	7.8
Apparel, fabrics, and notions	128	44.1	8.3	14.4
Groceries and related products	800	25.3	8.8	14.0
Farm products-raw materials	83	25.5	3.6	3.2
Petroleum products	150	27.5	4.3	5.0
Alcoholic beverages	143	17.8	10.0	5.6
Farm supplies	152	25.0	2.9	5.2
Miscellaneous nondurable goods and not specified wholesale trade	337	38.0	6.4	9.9
Retail trade	20,163	50.8	8.9	8.5
Lumber and building material retailing	509	24.9	5.2	5.6
Hardware stores	241	34.6	4.4	3.5
Retail nurseries and garden stores	100	37.2	4.1	4.2
Department stores	2,078	69.8	11.9	8.5
Variety stores	145	72.1	13.1	5.1
Miscellaneous general merchandise stores	131	60.4	13.5	4.9
Grocery stores	3,034	50.0	8.8	7.4
Retail bakeries	158	59.0	3.5	8.3
Food stores, n.e.c.	208	50.2	4.7	12.7
Motor vehicle dealers	1,100	17.9	7.5	6.8
Auto and home supply stores	436	18.5	6.1	7.3
Gasoline service stations	414	29.5	5.4	6.2
Miscellaneous vehicle dealers	92	22.4	1.7	2.4
Apparel and accessory stores, except shoe	869	75.8	9.3	9.5
Shoe stores	156	54.1	13.0	10.9
Furniture and home furnishings stores	558	37.9	6.5	9.9
Household appliance stores	107	27.4	4.3	7.1
Radio, TV, and computer stores	340	29.0	6.4	5.3
Music stores	133	36.2	7.4	8.3
Eating and drinking places	6,052	52.8	11.4	11.6
Drug stores	569	61.3	7.4	6.3
Liquor stores	121	39.8	8.9	7.3
Sporting goods, bicycles, and hobby stores	343	43.5	6.0	5.1
Book and stationery stores	226	53.6	6.6	2.7
Jewelry stores	160	60.0	3.9	10.0
Gift, novelty, and souvenir shops	204	78.7	3.2	3.1
Sewing, needlework, and piece goods stores	65	82.0	8.8	5.8
Catalog and mail order houses	134	69.5	8.7	5.9
Vending machine operators	78	33.2	5.8	6.2
Direct selling establishments	338	67.3	4.7	8.5
Fuel dealers	125	27.7	1.3	1.4
Retail florists	163	73.1	4.6	6.2
Miscellaneous retail stores and not specified retail trade	721	53.5	5.9	6.7
Finance, insurance, and real estate	7,962	58.6	8.4	6.0
Banking	1,927	70.6	10.1	6.8
Savings institutions, including credit unions	318	78.5	4.6	7.7
Credit agencies, n.e.c.	506	61.5	8.9	6.6
Security, commodity brokerage, and investment companies	697	38.8	6.5	3.2
Insurance	2,383	60.6	8.2	4.4
Real estate, including real estate-insurance offices	2,131	48.3	8.0	7.8
Services	41,817	61.7	11.4	6.9
Private households	1,114	86.9	17.8	20.3
Other service industries	40,703	61.0	11.2	6.6
Business and repair services	6,838	35.1	10.4	9.0
Advertising	284	52.3	5.3	7.0
Services to dwellings and other buildings	749	43.5	18.1	17.4
Personnel supply services	698	61.0	18.7	7.4
Computer and data processing services	957	36.3	5.2	3.7

See footnotes at end of table.

**HOUSEHOLD DATA
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28. Employed civilians by detailed industry, sex, race, and Hispanic origin—Continued

(Numbers in thousands)

Industry	1993			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Detective and protective services	475	17.8	20.8	7.7
Business services, n.e.c.	1,526	51.0	8.2	6.9
Automotive rental and leasing, without drivers	177	32.8	10.3	10.6
Automobile parking and carwashes	163	18.6	16.4	19.2
Automotive repair and related services	1,137	9.7	6.8	11.7
Electrical repair shops	139	15.9	4.4	7.6
Miscellaneous repair services	534	13.6	5.3	7.8
Personal services, except private household	3,329	64.3	12.9	10.6
Hotels and motels	1,295	57.3	16.5	15.3
Lodging places, except hotels and motels	140	51.4	4.0	2.9
Laundry, cleaning, and garment services	479	55.0	15.7	14.0
Beauty shops	862	89.0	9.5	6.0
Barber shops	88	23.7	26.5	8.5
Funeral service and crematories	90	33.0	6.5	5.2
Dressmaking shops	51	93.6	7.5	3.3
Entertainment and recreational services	2,060	41.8	9.4	6.8
Theaters and motion pictures	517	38.2	10.1	6.0
Video tape rental	118	60.1	6.8	6.5
Bowling centers	61	51.3	4.8	1.7
Miscellaneous entertainment and recreation services	1,364	41.1	9.6	7.4
Professional and related services	28,293	68.6	11.5	5.5
Hospitals	5,032	76.2	15.6	5.6
Health services, except hospitals	5,521	78.2	12.7	6.3
Offices and clinics of physicians	1,450	73.9	4.4	6.9
Offices and clinics of dentists	567	74.5	1.9	5.9
Offices and clinics of chiropractors	116	58.8	.3	6.1
Offices and clinics of optometrists	67	69.2	3.1	5.8
Offices and clinics of health practitioners, n.e.c.	125	68.6	3.7	3.7
Nursing and personal care facilities	1,752	85.3	22.5	5.6
Health services, n.e.c.	1,443	78.1	15.7	7.2
Educational services	9,485	68.2	10.6	5.5
Elementary and secondary schools	6,372	74.5	11.6	5.9
Colleges and universities	2,633	52.6	9.1	5.1
Vocational schools	82	54.7	4.7	5.8
Libraries	187	80.7	8.9	2.0
Educational services, n.e.c.	212	69.6	5.0	2.9
Social services	2,770	81.6	16.6	6.8
Job training and vocational rehabilitation services	236	51.6	18.2	3.5
Child day care services	883	96.3	16.2	6.0
Family child care homes	306	98.9	9.3	10.3
Residential care facilities, without nursing	454	71.9	20.1	6.2
Social services, n.e.c.	890	73.9	17.3	7.5
Other professional services	5,486	46.0	5.3	3.7
Legal services	1,253	55.1	5.2	4.1
Museums, art galleries, and zoos	101	55.8	6.1	4.5
Labor unions	74	40.3	12.1	9.1
Religious organizations	848	45.5	7.1	4.9
Membership organizations, n.e.c.	380	64.2	9.1	4.0
Engineering, architectural, and surveying services	778	20.2	3.3	4.0
Accounting, auditing, and bookkeeping services	637	53.3	2.4	2.4
Research, development and testing services	602	40.3	6.7	3.2
Management and public relations services	527	41.4	4.8	2.1
Miscellaneous professional and related services	287	55.2	2.8	2.2
Forestry and fisheries	183	21.6	2.4	9.9
Forestry	100	32.1	2.1	14.7
Fishing, hunting, and trapping	83	8.8	2.8	4.1
Public administration	5,756	42.9	15.0	5.3
Executive and legislative offices	156	58.4	10.4	2.1
General government, n.e.c.	612	48.3	17.2	5.6
Justice, public order, and safety	2,169	31.5	14.8	5.3
Public finance, taxation, and monetary policy	407	57.7	13.2	5.7
Administration of human resources programs	760	68.5	19.3	6.7
Administration of environmental quality and housing programs	266	36.5	7.4	4.1
Administration of economic programs	597	43.9	13.5	4.0
National security and international affairs	789	36.1	14.8	5.9

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.

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

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
	1992	1993	Total		Wage and salary workers ¹			
			1992	1993	Paid absences		Unpaid absences	
					1992	1993	1992	1993
Total, 16 years and over	6,082	6,028	5,934	5,893	3,056	3,009	2,228	2,268
Vacation	3,414	3,330	3,366	3,291	2,245	2,167	866	876
Illness	1,258	1,290	1,227	1,264	508	539	613	616
Bad weather	126	151	95	117	(²)	(²)	(²)	(²)
Industrial dispute	19	24	19	24	(²)	(²)	(²)	(²)
All other reasons	1,265	1,233	1,227	1,197	304	304	749	777
Men, 16 years and over	2,823	2,805	2,708	2,695	1,451	1,422	871	910
Vacation	1,553	1,525	1,518	1,495	1,101	1,064	283	298
Illness	610	616	588	596	248	249	278	289
All other reasons ³	660	663	602	603	102	109	311	323
Women, 16 years and over	3,259	3,224	3,226	3,198	1,605	1,587	1,357	1,358
Vacation	1,861	1,805	1,848	1,796	1,144	1,103	583	579
Illness	648	674	640	667	260	290	335	327
All other reasons ³	750	745	738	735	201	194	438	453

¹ Excludes private household workers.

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

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

30. Persons at work by hours of work and type of industry

Hours of work	1993					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	113,278	2,938	110,340	100.0	100.0	100.0
1 to 34 hours	27,843	861	26,981	24.6	29.3	24.5
1 to 4 hours	775	43	733	.7	1.5	.7
5 to 14 hours	4,542	176	4,366	4.0	6.0	4.0
15 to 29 hours	13,852	424	13,428	12.2	14.4	12.2
30 to 34 hours	8,674	220	8,454	7.7	7.5	7.7
35 hours and over	85,435	2,077	83,358	75.4	70.6	75.5
35 to 39 hours	7,368	142	7,226	6.5	4.8	6.5
40 hours	43,530	648	42,883	38.4	22.0	38.9
41 hours and over	34,537	1,287	33,250	30.5	43.8	30.1
41 to 48 hours	11,603	222	11,381	10.2	7.5	10.3
49 to 59 hours	13,167	384	12,784	11.6	13.1	11.6
60 hours and over	9,766	682	9,085	8.6	23.2	8.2
Average hours, total at work	39.5	43.1	39.4	-	-	-
Average hours, workers on full-time schedules	43.9	50.2	43.7	-	-	-

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

(Numbers in thousands)

Reason for working less than 35 hours	1993					
	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	27,843	8,429	19,414	26,981	8,135	18,846
Economic reasons	6,348	1,996	4,352	6,106	1,896	4,210
Slack work	3,140	1,695	1,445	2,977	1,599	1,378
Material shortages or repairs to plant and equipment	49	49	-	48	48	-
New job started during week	184	184	-	181	181	-
Job terminated during week	68	68	-	67	67	-
Could find only part-time work	2,908	-	2,908	2,832	-	2,832
Other reasons	21,495	6,433	15,062	20,876	6,239	14,637
Does not want, or unavailable for, full-time work	12,189	-	12,189	11,865	-	11,865
Vacation	1,783	1,783	-	1,762	1,762	-
Illness	1,629	1,446	183	1,596	1,424	172
Bad weather	520	520	-	420	420	-
Industrial dispute	6	6	-	6	6	-
Legal or religious holiday	1,041	1,041	-	1,036	1,036	-
Full time for this job	1,692	-	1,692	1,664	-	1,664
All other reasons	2,633	1,636	997	2,526	1,590	936
Average hours:						
Economic reasons	22.3	24.5	21.4	22.4	24.6	21.5
Other reasons	21.6	26.3	19.6	21.7	26.4	19.7
Worked 30 to 34 hours:						
Economic reasons	2,033	898	1,135	1,971	863	1,108
Other reasons	6,640	3,563	3,077	6,483	3,483	3,000

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

(Numbers in thousands)

Industry	1993								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	110,340	6,106	14,637	89,597	56,348	11,381	21,869	39.4	43.7
Wage and salary workers	100,192	5,316	12,925	81,952	54,199	10,782	18,970	39.3	43.4
Mining	606	9	12	584	285	84	215	47.0	47.9
Construction	5,381	407	235	4,739	3,117	527	1,095	40.6	43.2
Manufacturing	18,301	491	562	17,248	10,534	2,819	3,894	42.5	43.7
Durable goods	10,609	193	237	10,179	6,102	1,676	2,400	43.1	43.9
Nondurable goods	7,692	298	325	7,069	4,432	1,143	1,494	41.7	43.5
Transportation and public utilities	7,642	244	411	6,987	4,212	946	1,830	42.5	44.5
Wholesale and retail trade	21,909	1,848	4,793	15,269	9,128	2,180	3,960	37.1	44.1
Finance, insurance, and real estate	6,975	159	605	6,211	4,206	733	1,272	40.2	42.5
Service industries	35,381	2,096	6,239	27,046	18,205	2,972	5,870	37.5	42.9
Private households	1,061	226	425	410	267	38	105	27.0	45.2
All other industries	34,320	1,869	5,814	26,636	17,938	2,933	5,765	37.9	42.9
Public administration	5,481	73	252	5,156	3,801	521	834	40.6	41.9
Self-employed workers	8,447	768	1,430	6,248	2,797	590	2,860	40.5	48.2
Unpaid family workers	218	12	97	109	62	9	38	34.2	46.1

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

(Numbers in thousands)

Sex, age, race, and marital status	1993							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Total, 16 years and over	110,340	6,106	14,637	89,597	56,348	33,250	39.4	43.7
16 to 19 years	5,134	600	2,992	1,541	1,211	331	24.3	40.1
16 to 17 years	1,961	173	1,563	225	189	37	18.4	38.0
18 to 19 years	3,173	427	1,429	1,316	1,022	294	28.0	40.5
20 years and over	105,206	5,505	11,645	88,056	55,137	32,919	40.1	43.8
20 to 24 years	11,422	999	2,254	8,169	5,758	2,411	36.1	42.2
25 years and over	93,784	4,506	9,391	79,887	49,379	30,508	40.6	43.9
25 to 44 years	60,083	2,984	5,036	52,063	31,807	20,256	41.1	44.0
45 to 64 years	30,830	1,371	2,968	26,491	16,628	9,863	40.7	43.9
65 years and over	2,871	150	1,387	1,334	945	389	29.0	42.1
Men, 16 years and over	59,568	2,848	4,501	52,218	29,140	23,078	42.2	45.3
16 to 19 years	2,579	292	1,406	881	673	208	25.5	40.6
16 to 17 years	987	88	765	134	111	23	19.1	38.1
18 to 19 years	1,592	204	640	747	562	185	29.5	41.1
20 years and over	56,989	2,556	3,095	51,338	28,468	22,870	42.9	45.3
20 to 24 years	5,929	493	935	4,500	2,938	1,562	37.9	43.3
25 years and over	51,060	2,063	2,160	46,838	25,530	21,308	43.5	45.5
25 to 44 years	32,802	1,427	817	30,558	16,360	14,198	44.1	45.7
45 to 64 years	16,657	565	643	15,449	8,605	6,844	43.6	45.4
65 years and over	1,600	71	699	830	564	266	30.6	42.6
Women, 16 years and over	50,772	3,258	10,136	37,379	27,207	10,172	36.0	41.6
16 to 19 years	2,555	308	1,586	661	538	123	23.1	39.5
16 to 17 years	974	85	797	92	77	14	17.6	37.8
18 to 19 years	1,581	223	789	569	460	109	26.5	39.8
20 years and over	48,217	2,950	8,549	36,718	26,669	10,049	36.7	41.6
20 to 24 years	5,493	506	1,318	3,669	2,820	849	34.2	40.8
25 years and over	42,724	2,444	7,231	33,049	23,849	9,200	37.0	41.7
25 to 44 years	27,282	1,559	4,218	21,505	15,446	6,059	37.4	41.7
45 to 64 years	14,172	806	2,325	11,041	8,024	3,017	37.2	41.7
65 years and over	1,271	79	688	503	381	123	27.0	41.3
RACE								
White, 16 years and over	94,835	4,951	13,070	76,814	46,714	30,100	39.5	44.0
Men	51,777	2,293	3,926	45,558	24,449	21,109	42.5	45.5
Women	43,058	2,658	9,144	31,256	22,266	8,991	35.9	41.7
Black, 16 years and over	11,408	914	1,066	9,428	7,290	2,138	38.3	41.8
Men	5,580	437	382	4,761	3,447	1,314	39.7	42.9
Women	5,828	476	684	4,667	3,843	824	36.9	40.6
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	37,580	1,183	1,446	34,951	18,483	16,469	44.1	45.8
Widowed, divorced, or separated	6,547	373	311	5,863	3,290	2,572	42.9	45.4
Single (never married)	15,441	1,292	2,744	11,405	7,367	4,037	37.3	43.5
Women, 16 years and over:								
Married, spouse present	28,035	1,469	5,812	20,754	15,373	5,380	36.0	41.3
Widowed, divorced, or separated	10,248	749	1,246	8,253	5,728	2,525	38.1	42.2
Single (never married)	12,489	1,039	3,077	8,372	6,106	2,266	34.3	41.6

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

(Numbers in thousands)

Occupation and sex	1993								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over ¹	110,115	6,059	14,611	89,445	56,149	11,387	21,909	39.4	43.7
Managerial and professional specialty	30,379	722	2,816	26,841	14,691	3,338	8,812	42.2	45.1
Executive, administrative, and managerial	14,725	243	779	13,703	6,914	1,752	5,038	44.3	46.0
Professional specialty	15,655	479	2,037	13,138	7,777	1,586	3,774	40.2	44.1
Technical, sales, and administrative support	35,180	1,634	5,897	27,648	18,540	3,412	5,696	38.0	42.8
Technicians and related support	3,834	95	434	3,305	2,289	457	559	39.5	42.3
Sales occupations	13,657	866	2,659	10,132	5,263	1,323	3,546	39.2	45.8
Administrative support, including clerical	17,688	673	2,804	14,211	10,988	1,632	1,591	36.8	40.8
Service occupations	15,675	1,805	4,112	9,758	7,065	997	1,696	34.0	42.5
Private household	873	172	364	336	221	30	86	27.0	44.9
Protective service	2,023	60	169	1,794	1,108	247	440	41.9	44.9
Service, except private household and protective	12,778	1,572	3,579	7,627	5,737	721	1,170	33.3	41.8
Precision production, craft, and repair	12,686	762	409	11,514	7,101	1,665	2,748	41.8	43.9
Operators, fabricators, and laborers	16,196	1,135	1,377	13,684	8,754	1,975	2,956	40.3	43.7
Machine operators, assemblers, and inspectors	7,088	383	275	6,430	4,413	991	1,026	40.8	42.6
Transportation and material moving occupations	4,685	269	362	4,053	2,045	549	1,459	43.5	46.9
Handlers, equipment cleaners, helpers, and laborers	4,423	483	740	3,201	2,296	435	470	35.9	41.9
Men, 16 years and over ¹	59,222	2,799	4,439	51,984	28,900	6,991	16,093	42.3	45.3
Managerial and professional specialty	16,103	319	773	15,011	7,018	1,805	6,188	45.1	47.0
Executive, administrative, and managerial	8,577	135	258	8,184	3,499	981	3,704	46.6	47.8
Professional specialty	7,527	185	515	6,827	3,519	824	2,484	43.5	46.0
Technical, sales, and administrative support	12,837	416	1,247	11,174	5,858	1,567	3,749	42.4	45.7
Technicians and related support	1,909	36	108	1,765	1,120	251	395	41.8	43.6
Sales occupations	7,151	245	730	6,176	2,610	833	2,732	44.0	47.8
Administrative support, including clerical	3,778	135	409	3,234	2,128	483	622	39.5	42.9
Service occupations	6,406	572	1,180	4,654	3,193	533	928	37.1	43.5
Private household	43	7	14	22	14	1	7	30.1	(²)
Protective service	1,682	42	104	1,536	920	210	406	43.2	45.4
Service, except private household and protective	4,680	522	1,062	3,096	2,259	322	515	34.9	42.5
Precision production, craft, and repair	11,607	701	314	10,591	6,454	1,532	2,605	42.1	44.0
Operators, fabricators, and laborers	12,269	791	925	10,553	6,377	1,554	2,622	41.2	44.5
Machine operators, assemblers, and inspectors	4,374	182	114	4,078	2,626	665	787	42.1	43.5
Transportation and material moving occupations	4,269	223	240	3,806	1,875	517	1,414	44.4	47.2
Handlers, equipment cleaners, helpers, and laborers	3,626	385	571	2,669	1,877	371	421	36.4	42.1
Women, 16 years and over ¹	50,893	3,260	10,172	37,461	27,249	4,396	5,816	36.0	41.6
Managerial and professional specialty	14,276	403	2,043	11,830	7,673	1,533	2,624	38.8	42.7
Executive, administrative, and managerial	6,148	108	521	5,519	3,415	770	1,334	41.1	43.4
Professional specialty	8,128	295	1,522	6,311	4,259	763	1,290	37.1	42.1
Technical, sales, and administrative support	22,343	1,218	4,650	16,474	12,682	1,846	1,947	35.6	40.8
Technicians and related support	1,925	59	326	1,540	1,169	207	164	37.2	40.9
Sales occupations	6,507	621	1,929	3,956	2,652	490	814	33.9	42.5
Administrative support, including clerical	13,911	538	2,395	10,978	8,860	1,149	969	36.1	40.2
Service occupations	9,269	1,233	2,932	5,104	3,872	464	768	31.9	41.6
Private household	831	165	351	315	207	29	79	26.9	44.9
Protective service	341	18	65	258	188	36	34	35.6	41.5
Service, except private household and protective	8,098	1,050	2,517	4,531	3,477	399	655	32.3	41.3
Precision production, craft, and repair	1,079	61	95	922	646	133	143	39.0	42.0
Operators, fabricators, and laborers	3,926	344	452	3,130	2,376	420	334	37.3	41.1
Machine operators, assemblers, and inspectors	2,714	201	161	2,352	1,788	325	239	38.8	41.1
Transportation and material moving occupations	415	46	122	247	170	32	45	33.9	42.4
Handlers, equipment cleaners, helpers, and laborers	798	97	169	531	419	63	49	34.0	40.6

¹ Excludes farming, forestry, and fishing occupations.

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

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35. Persons not in the labor force by reason, sex, and age

(In thousands)

Reason and sex	Total		Age							
	1992	1993	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			1992	1993	1992	1993	1992	1993	1992	1993
TOTAL										
Total not in labor force	64,593	65,509	6,411	6,429	4,067	4,027	21,208	21,773	32,908	33,280
Do not want a job now	58,413	59,191	5,204	5,262	3,233	3,178	17,777	18,241	32,198	32,510
Current activity:										
Going to school	6,723	6,901	4,143	4,275	1,670	1,638	899	969	11	19
Ill, disabled	5,101	5,506	31	27	133	140	2,848	3,124	2,089	2,215
Keeping house	21,705	20,903	322	311	996	975	10,597	10,480	9,791	9,137
Retired	20,240	21,118	-	-	-	-	503	527	19,735	20,590
Other activity	4,644	4,764	709	650	434	424	2,930	3,142	571	549
Want a job now	6,181	6,319	1,207	1,167	833	850	3,430	3,532	710	770
Reason for not looking:										
School attendance	1,601	1,542	935	889	326	304	334	343	6	5
Ill health, disability	1,078	1,122	17	14	58	47	820	840	182	221
Home responsibility	1,236	1,314	52	62	205	228	938	971	41	54
Think cannot get a job	1,097	1,129	83	103	125	120	694	679	195	228
Job-market factors	772	747	51	61	93	89	540	495	87	102
Personal factors	326	382	32	41	32	31	154	184	108	126
Other reasons ¹	1,169	1,212	119	100	118	151	645	699	286	262
Men										
Total not in labor force	22,356	22,987	3,103	3,149	1,455	1,452	4,784	5,131	13,014	13,256
Do not want a job now	20,079	20,602	2,504	2,534	1,147	1,146	3,772	3,996	12,657	12,927
Current activity										
Going to school	3,283	3,363	2,091	2,167	836	827	352	367	4	3
Ill, disabled	2,555	2,753	20	13	68	78	1,541	1,693	926	969
Keeping house	390	439	19	26	25	24	170	205	176	184
Retired	11,531	11,826	-	-	-	-	338	373	11,192	11,454
Other activity	2,320	2,221	374	329	216	218	1,371	1,358	358	317
Want a job now	2,277	2,385	599	615	309	306	1,012	1,135	357	329
Reason for not looking										
School attendance	759	757	473	493	169	142	112	120	5	2
Ill health, disability	520	559	12	7	29	26	387	434	92	92
Think cannot get a job	498	525	50	59	65	60	280	299	102	107
Other reasons ¹	500	543	65	55	46	77	232	283	158	128
Women										
Total not in labor force	42,237	42,522	3,307	3,280	2,612	2,576	16,424	16,642	19,895	20,025
Do not want a job now	38,334	38,589	2,699	2,728	2,087	2,031	14,006	14,246	19,542	19,583
Current activity										
Going to school	3,440	3,538	2,051	2,108	834	812	547	602	7	16
Ill, disabled	2,546	2,753	11	14	65	62	1,307	1,431	1,163	1,246
Keeping house	21,315	20,463	303	285	971	950	10,427	10,275	9,615	8,954
Retired	8,709	9,291	-	-	-	-	165	155	8,544	9,137
Other activity	2,324	2,543	334	321	217	207	1,559	1,784	213	232
Want a job now	3,904	3,934	608	552	525	544	2,418	2,396	353	441
Reason for not looking										
School attendance	842	784	462	396	158	162	221	223	-	3
Ill health, disability	558	563	6	7	30	21	433	406	90	130
Home responsibility	1,236	1,314	52	62	205	228	938	971	41	54
Think cannot get a job	600	604	33	44	60	59	414	380	93	121
Other reasons ¹	668	669	55	45	73	74	412	417	128	133

¹ Includes small number of men not looking for work because of "home responsibilities."
NOTE: Detail in tables 35 and 36 may not add to not-in-labor-force

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

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

(In thousands)

Reason, race, and Hispanic origin	Total		Age						Sex			
	1992	1993	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			1992	1993	1992	1993	1992	1993	1992	1993	1992	1993
WHITE												
Total not in labor force	54,132	54,562	7,757	7,676	17,155	17,411	29,219	29,475	18,521	18,929	35,610	35,633
Do not want a job now	49,634	49,956	6,334	6,298	14,679	14,824	28,621	28,833	16,867	17,175	32,768	32,781
Current activity:												
Going to school	5,077	5,118	4,409	4,409	658	694	10	15	2,469	2,508	2,607	2,610
Ill, disabled	3,965	4,176	124	123	2,187	2,308	1,654	1,745	2,008	2,095	1,957	2,081
Keeping house	18,871	18,081	995	1,003	9,066	8,871	8,810	8,207	272	313	18,599	17,767
Retired	18,065	18,827	—	—	443	457	17,621	18,370	10,346	10,575	7,719	8,252
Other activity	3,658	3,753	806	762	2,326	2,494	526	497	1,772	1,683	1,886	2,070
Want a job now	4,494	4,600	1,418	1,382	2,482	2,583	594	635	1,657	1,744	2,837	2,856
Reason for not looking:												
School attendance	1,118	1,062	893	824	220	232	5	5	550	527	568	535
Ill health, disability	801	824	55	40	600	610	146	173	391	417	410	407
Home responsibility	911	952	172	186	703	718	36	48	—	—	911	952
Think cannot get a job	742	781	117	145	457	455	168	182	328	370	415	411
Other reasons ¹	922	982	181	187	501	568	240	227	389	430	534	551
BLACK												
Total not in labor force	8,067	8,386	2,097	2,119	3,032	3,242	2,938	3,025	2,997	3,167	5,070	5,220
Do not want a job now	6,640	6,980	1,565	1,583	2,236	2,481	2,840	2,915	2,473	2,658	4,168	4,322
Current activity:												
Going to school	1,101	1,219	985	1,081	116	137	—	1	521	566	581	653
Ill, disabled	1,000	1,152	38	39	580	700	382	413	485	565	516	588
Keeping house	2,047	1,999	266	214	1,013	1,075	769	709	96	105	1,951	1,894
Retired	1,702	1,805	—	—	46	56	1,656	1,749	926	985	776	820
Other activity	790	805	275	249	481	514	33	43	444	438	345	368
Want a job now	1,427	1,406	532	536	797	761	98	110	524	508	903	898
Reason for not looking:												
School attendance	389	382	303	300	86	82	—	—	168	178	221	204
Ill health, disability	245	256	18	19	193	197	34	40	113	116	131	140
Home responsibility	282	309	77	94	202	210	4	5	—	—	282	309
Think cannot get a job	306	284	83	67	200	176	23	40	144	124	162	160
Other reasons ¹	205	176	51	56	116	96	37	24	98	90	107	86
HISPANIC ORIGIN												
Total not in labor force	5,113	5,377	1,333	1,417	2,399	2,478	1,380	1,482	1,478	1,569	3,635	3,808
Do not want a job now	4,397	4,610	1,085	1,148	1,980	2,023	1,332	1,439	1,218	1,292	3,179	3,317
Current activity:												
Going to school	694	737	610	663	84	72	—	2	319	331	375	406
Ill, disabled	441	473	20	16	294	303	127	154	237	245	204	228
Keeping house	2,154	2,177	324	340	1,349	1,393	480	444	35	45	2,119	2,132
Retired	723	832	—	—	14	13	709	819	417	490	307	343
Other activity	384	391	129	129	239	242	15	19	209	182	174	209
Want a job now	742	750	262	259	428	439	52	52	262	261	480	489
Reason for not looking:												
School attendance	180	167	145	125	34	41	1	1	79	76	100	91
Ill health, disability	111	104	7	5	90	81	14	18	55	56	56	48
Home responsibility	174	200	39	48	131	149	4	4	—	—	174	200
Think cannot get a job	160	140	38	31	104	91	18	19	71	61	88	79
Other reasons ¹	117	138	33	51	69	77	15	10	56	67	61	71

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

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

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

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

(In thousands)

Reason and sex	1993							
	Total	Age				Race and Hispanic origin		
		16 to 19 years	20 to 24 years	25 to 59 years	60 years and over	White	Black	Hispanic origin
TOTAL								
Personal factors:								
Employers think too young or old	154	11	-	32	110	134	15	13
Lacks education or training	142	23	20	95	4	96	32	28
Other personal handicap	85	7	11	57	11	68	14	7
Job-market factors:								
Could not find work	450	46	58	296	49	272	154	65
Thinks no job available	297	15	30	199	53	212	68	26
Men								
Personal factors:								
Employers think too young or old	73	8	-	14	51	62	8	5
Lacks education or training	59	11	10	37	1	36	16	8
Other personal handicap	39	6	6	23	4	32	6	1
Job-market factors:								
Could not find work	221	26	35	135	24	138	72	30
Thinks no job available	134	8	9	89	26	101	23	18
Women								
Personal factors:								
Employers think too young or old	82	4	-	18	60	71	8	8
Lacks education or training	83	12	10	58	3	61	16	20
Other personal handicap	46	-	6	34	6	35	8	6
Job-market factors:								
Could not find work	229	20	23	161	25	133	82	35
Thinks no job available	164	7	21	109	27	111	46	11

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

(In thousands)

Work-seeking intentions, work history, and sex	Total		Age						Race			
	1992	1993	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			1992	1993	1992	1993	1992	1993	1992	1993	1992	1993
TOTAL												
Do not intend to seek work	55,138	56,004	5,931	6,026	16,942	17,355	32,265	32,623	46,818	47,317	6,347	6,622
Intend to seek work in the next 12 months	9,455	9,506	4,547	4,431	4,266	4,418	643	657	7,310	7,238	1,720	1,784
Never worked	1,620	1,647	1,413	1,437	197	201	10	9	1,131	1,107	390	429
Last worked over 5 years ago	1,111	1,204	53	59	846	940	212	205	827	866	245	277
Last worked 1 to 5 years ago	2,394	2,496	672	610	1,525	1,643	197	242	1,810	1,879	482	489
Worked during the previous 12 months	4,330	4,159	2,409	2,324	1,698	1,634	224	200	3,542	3,387	604	568
Men												
Do not intend to seek work	18,747	19,297	2,425	2,454	3,635	3,893	12,687	12,950	15,711	16,084	2,367	2,533
Intend to seek work in the next 12 months	3,609	3,690	2,133	2,146	1,149	1,238	327	306	2,812	2,834	629	633
Never worked	730	723	686	678	41	43	3	2	520	500	170	169
Last worked over 5 years ago	253	286	12	18	150	186	92	81	180	193	62	75
Last worked 1 to 5 years ago	751	779	237	206	411	454	104	119	569	584	148	144
Worked during the previous 12 months	1,875	1,903	1,199	1,244	547	554	129	104	1,543	1,557	250	245
Women												
Do not intend to seek work	36,391	36,706	3,506	3,571	13,307	13,461	19,578	19,674	31,107	31,233	3,980	4,089
Intend to seek work in the next 12 months	5,846	5,816	2,413	2,285	3,117	3,181	316	351	4,498	4,404	1,091	1,131
Never worked	890	925	727	759	156	158	7	7	611	606	220	261
Last worked over 5 years ago	858	918	41	41	696	754	120	124	647	673	183	202
Last worked 1 to 5 years ago	1,643	1,717	436	405	1,114	1,189	93	124	1,241	1,295	334	345
Worked during the previous 12 months	2,456	2,256	1,210	1,080	1,151	1,080	95	96	1,999	1,830	354	323

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39. 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	
	1992	1993	1992	1993	1992	1993	1992	1993
TOTAL								
Civilian noninstitutional population	191,576	193,550	162,658	163,921	21,958	22,329	15,244	15,753
Civilian labor force	126,982	128,040	108,526	109,359	13,891	13,943	10,131	10,377
Percent of population	66.3	66.2	66.7	66.7	63.3	62.4	66.5	65.9
Employed	117,598	119,306	101,479	102,812	11,933	12,146	8,971	9,272
Agriculture	3,207	3,074	2,987	2,864	153	142	466	467
Nonagricultural industries	114,391	116,232	98,492	99,948	11,780	12,004	8,506	8,805
Unemployed	9,384	8,734	7,047	6,547	1,958	1,796	1,160	1,104
Unemployment rate	7.4	6.8	6.5	6.0	14.1	12.9	11.4	10.6
Not in labor force	64,593	65,509	54,132	54,562	8,067	8,386	5,113	5,377
Men, 16 years and over								
Civilian noninstitutional population	91,541	92,820	78,351	79,080	9,888	10,078	7,569	7,825
Civilian labor force	69,184	69,633	59,830	60,150	6,892	6,911	6,091	6,256
Percent of population	75.6	75.2	76.4	76.1	69.7	68.6	80.5	80.0
Employed	63,805	64,700	55,709	56,397	5,846	5,957	5,388	5,603
Agriculture	2,534	2,438	2,346	2,254	138	128	413	417
Nonagricultural industries	61,270	62,263	53,363	54,143	5,708	5,829	4,975	5,186
Unemployed	5,380	4,932	4,121	3,753	1,046	954	703	653
Unemployment rate	7.8	7.1	6.9	6.2	15.2	13.8	11.5	10.4
Not in labor force	22,356	22,987	18,521	18,929	2,997	3,167	1,478	1,569
Men, 20 years and over								
Civilian noninstitutional population	64,891	65,907	56,811	57,115	8,858	9,031	6,814	7,063
Civilian labor force	65,638	66,069	56,811	57,115	6,472	6,498	5,700	5,871
Percent of population	77.3	76.9	77.8	77.5	73.1	72.0	83.7	83.1
Employed	61,019	61,865	53,245	53,897	5,803	5,710	5,107	5,318
Agriculture	2,355	2,263	2,174	2,091	132	120	387	394
Nonagricultural industries	58,664	59,602	51,071	51,806	5,471	5,590	4,720	4,924
Unemployed	4,619	4,204	3,566	3,218	869	789	593	553
Unemployment rate	7.0	6.4	6.3	5.6	13.4	12.1	10.4	9.4
Not in labor force	19,253	19,838	16,220	16,596	2,386	2,532	1,114	1,192
Women, 16 years and over								
Civilian noninstitutional population	100,035	100,930	64,307	64,841	12,069	12,251	7,674	7,928
Civilian labor force	57,798	58,407	48,696	49,208	6,999	7,031	4,040	4,120
Percent of population	57.8	57.9	57.8	58.0	58.0	57.4	52.6	52.0
Employed	53,793	54,806	45,770	46,415	6,087	6,189	3,584	3,669
Agriculture	627	636	642	610	15	14	52	50
Nonagricultural industries	53,121	53,970	45,128	45,805	6,072	6,175	3,531	3,619
Unemployed	4,005	3,601	2,926	2,793	912	842	456	451
Unemployment rate	6.9	6.5	6.0	5.7	13.0	12.0	11.3	10.9
Not in labor force	42,237	42,522	35,610	35,633	5,070	5,220	3,635	3,808
Women, 20 years and over								
Civilian noninstitutional population	93,524	94,388	79,120	79,631	11,025	11,200	6,940	7,176
Civilian labor force	54,594	55,146	45,970	46,413	6,831	6,868	3,753	3,846
Percent of population	58.4	58.4	58.1	58.3	60.1	59.5	54.1	53.6
Employed	51,181	51,912	43,473	44,028	5,856	5,962	3,373	3,467
Agriculture	627	599	597	574	15	13	47	46
Nonagricultural industries	50,553	51,313	42,876	43,454	5,841	5,949	3,325	3,422
Unemployed	3,413	3,234	2,497	2,385	775	706	380	378
Unemployment rate	6.3	5.9	5.4	5.1	11.7	10.6	10.1	9.6
Not in labor force	38,930	39,242	33,150	33,216	4,394	4,532	3,187	3,330
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,161	13,255	10,506	10,579	2,074	2,099	1,490	1,515
Civilian labor force	6,751	6,826	5,744	5,831	787	776	678	660
Percent of population	51.3	51.5	54.7	55.1	37.9	37.0	45.5	43.6
Employed	5,398	5,530	4,761	4,887	474	474	492	487
Agriculture	225	212	216	199	7	9	31	28
Nonagricultural industries	5,174	5,317	4,545	4,689	467	466	461	459
Unemployed	1,352	1,296	983	943	313	302	186	173
Unemployment rate	20.0	19.0	17.1	16.2	39.8	38.9	27.5	26.2
Not in labor force	6,411	6,429	4,762	4,746	1,287	1,323	812	855

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.

40. Employment status of civilians of Mexican, Puerto Rican, and Cuban origin by sex and age

(Numbers in thousands)

Employment status, sex, and age	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	1992	1993	1992	1993	1992	1993	1992	1993
TOTAL								
Civilian noninstitutional population	15,244	15,753	9,368	9,693	1,628	1,676	867	927
Civilian labor force	10,131	10,377	6,319	6,499	934	950	529	554
Percent of population	66.5	65.9	67.5	67.0	57.4	56.7	61.1	59.8
Employed	8,971	9,272	5,581	5,805	802	828	488	511
Agriculture	466	467	424	409	6	8	7	9
Nonagricultural industries	8,506	8,805	5,157	5,396	796	820	481	502
Unemployed	1,160	1,104	739	693	132	122	42	43
Unemployment rate	11.4	10.6	11.7	10.7	14.1	12.8	7.9	7.8
Not in labor force	5,113	5,377	3,049	3,194	694	725	337	373
Men, 16 years and over								
Civilian noninstitutional population	7,569	7,825	4,806	4,958	730	756	408	433
Civilian labor force	6,091	6,256	3,941	4,043	511	534	298	317
Percent of population	80.5	80.0	82.0	81.5	69.9	70.6	73.2	73.3
Employed	5,368	5,603	3,480	3,628	431	457	277	293
Agriculture	413	417	376	363	6	7	6	7
Nonagricultural industries	4,975	5,186	3,104	3,266	425	449	271	285
Unemployed	703	653	461	414	80	77	21	25
Unemployment rate	11.5	10.4	11.7	10.2	15.6	14.4	7.1	7.8
Not in labor force	1,478	1,569	865	916	220	223	109	115
Men, 20 years and over								
Civilian noninstitutional population	6,814	7,063	4,301	4,456	645	663	385	415
Civilian labor force	5,700	5,871	3,655	3,774	480	495	288	308
Percent of population	83.7	83.1	85.0	84.7	74.4	74.7	74.8	74.2
Employed	5,107	5,318	3,275	3,427	411	431	270	286
Agriculture	387	394	353	343	6	8	5	7
Nonagricultural industries	4,720	4,924	2,922	3,084	405	425	264	279
Unemployed	593	553	380	347	89	63	19	22
Unemployment rate	10.4	9.4	10.4	9.2	14.4	12.8	6.5	7.1
Not in labor force	1,114	1,192	646	683	165	168	97	107
Women, 16 years and over								
Civilian noninstitutional population	7,674	7,928	4,563	4,735	898	919	459	494
Civilian labor force	4,040	4,120	2,379	2,456	423	417	231	237
Percent of population	52.6	52.0	52.1	51.9	47.1	45.3	50.3	47.9
Employed	3,584	3,669	2,101	2,177	371	372	211	218
Agriculture	52	50	48	46	-	1	1	2
Nonagricultural industries	3,531	3,619	2,053	2,130	371	371	210	217
Unemployed	456	451	278	279	52	45	20	18
Unemployment rate	11.3	10.9	11.7	11.4	12.3	10.8	8.9	7.7
Not in labor force	3,635	3,808	2,184	2,279	475	503	228	257
Women, 20 years and over								
Civilian noninstitutional population	6,940	7,176	4,062	4,213	808	845	440	467
Civilian labor force	3,753	3,846	2,178	2,256	396	397	223	227
Percent of population	54.1	53.6	53.6	53.5	49.0	47.0	50.7	48.5
Employed	3,373	3,467	1,953	2,028	352	359	204	211
Agriculture	47	46	43	43	-	1	1	1
Nonagricultural industries	3,325	3,422	1,910	1,985	352	358	203	210
Unemployed	380	378	225	228	44	38	19	16
Unemployment rate	10.1	9.8	10.4	10.1	11.1	9.6	8.4	6.9
Not in labor force	3,187	3,330	1,883	1,957	412	448	217	241
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,490	1,515	1,006	1,024	174	169	42	44
Civilian labor force	678	660	486	469	57	59	18	20
Percent of population	45.5	43.6	48.3	45.6	33.0	34.9	43.0	44.3
Employed	492	467	352	351	39	38	14	14
Agriculture	31	28	28	23	-	1	1	1
Nonagricultural industries	461	459	325	327	39	37	13	13
Unemployed	186	173	134	119	19	21	4	6
Unemployment rate	27.5	26.2	27.5	25.3	32.5	35.1	(²)	(²)
Not in labor force	812	855	520	555	117	110	24	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.

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41. Employed civilians by selected social and economic categories, race, and Hispanic origin

(In thousands)

Category	Total		White		Black		Hispanic origin	
	1992	1993	1992	1993	1992	1993	1992	1993
CHARACTERISTIC								
Total (all civilian workers)	117,598	119,306	101,479	102,812	11,933	12,146	8,971	9,272
Men	63,805	64,700	55,709	56,397	5,846	5,957	5,388	5,603
Women	53,793	54,606	45,770	46,415	6,087	6,189	3,584	3,669
OCCUPATION								
Managerial and professional specialty	31,153	32,280	27,948	28,859	2,009	2,140	1,205	1,306
Executive, administrative, and managerial	14,767	15,376	13,438	13,888	855	959	622	694
Professional specialty	16,386	16,904	14,510	14,971	1,154	1,181	583	613
Technical, sales, and administrative support	36,808	36,814	32,162	32,082	3,337	3,416	2,229	2,305
Technicians and related support	4,253	4,014	3,631	3,437	410	387	193	200
Sales occupations	13,919	14,245	12,564	12,809	865	948	783	836
Administrative support, including clerical	18,636	18,555	15,968	15,836	2,062	2,081	1,253	1,269
Service occupations	16,096	16,522	12,611	12,969	2,809	2,859	1,817	1,848
Private household	876	912	682	721	163	156	171	197
Protective service	2,096	2,152	1,664	1,728	377	374	150	142
Service, except private household and protective	13,124	13,457	10,265	10,521	2,269	2,329	1,496	1,508
Precision production, craft, and repair	13,128	13,326	11,767	11,955	996	985	1,204	1,226
Mechanics and repairers	4,441	4,416	4,001	3,977	337	321	348	347
Construction trades	4,790	5,004	4,369	4,576	332	327	437	473
Other precision production, craft, and repair	3,897	3,906	3,397	3,402	328	337	419	405
Operators, fabricators, and laborers	16,957	17,038	13,844	13,910	2,556	2,535	1,993	2,054
Machine operators, assemblers, and inspectors	7,524	7,415	6,070	5,992	1,128	1,092	1,015	1,024
Transportation and material moving occupations	4,878	5,004	4,059	4,186	724	699	412	431
Handlers, equipment cleaners, helpers, and laborers	4,556	4,619	3,715	3,732	705	743	567	598
Construction laborers	654	658	555	536	82	98	109	110
Other handlers, equipment cleaners, helpers, and laborers	3,901	3,962	3,160	3,195	623	646	458	489
Farming, forestry, and fishing	3,456	3,328	3,147	3,037	225	211	523	534
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,696	1,637	1,539	1,484	114	103	406	407
Self-employed workers	1,398	1,332	1,337	1,275	39	39	59	61
Unpaid family workers	113	105	111	104	-	-	1	-
Nonagricultural industries:								
Wage and salary workers	105,540	107,011	90,403	91,545	11,362	11,570	8,053	8,310
Government	18,086	18,504	14,713	14,996	2,734	2,816	1,028	1,119
Private industries	87,454	88,507	75,690	76,549	8,627	8,754	7,025	7,191
Private households	1,116	1,105	848	867	229	198	205	225
Other industries	86,338	87,402	74,842	75,682	8,398	8,557	6,820	6,966
Self-employed workers	8,619	9,003	7,878	8,211	413	429	439	482
Unpaid family workers	232	218	211	192	5	5	14	12
FULL- AND PART-TIME STATUS¹								
Full-time schedules	95,000	96,443	81,793	82,888	9,803	10,006	7,271	7,491
Part time for economic reasons	6,385	6,348	5,206	5,157	938	942	832	850
Part time for noneconomic reasons	16,213	16,515	14,480	14,767	1,193	1,198	868	932

¹ Employed persons "with a job but not at work" are distributed according to whether they usually work full or part time.
NOTE: Detail for the above race and Hispanic-origin groups will not

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

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

(In thousands)

Category	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	1992	1993	1992	1993	1992	1993	1992	1993
CHARACTERISTIC								
Total (all civilian workers)	8,971	9,272	5,581	5,805	802	828	488	511
Men	5,388	5,603	3,480	3,628	431	457	277	293
Women	3,584	3,669	2,101	2,177	371	372	211	218
OCCUPATION								
Managerial and professional specialty	1,205	1,306	601	666	146	158	122	128
Executive, administrative, and managerial	622	694	321	355	69	76	73	72
Professional specialty	583	613	280	311	77	83	49	56
Technical, sales, and administrative support	2,229	2,305	1,294	1,353	255	266	158	168
Technicians and related support	193	200	107	109	19	24	17	17
Sales occupations	783	836	451	489	69	78	58	63
Administrative support, including clerical	1,253	1,269	736	754	168	165	83	88
Service occupations	1,817	1,848	1,069	1,111	158	165	59	66
Private household	171	197	78	99	5	5	1	3
Protective service	150	142	80	79	34	28	8	8
Service, except private household and protective	1,496	1,508	911	932	120	132	50	56
Precision production, craft, and repair	1,204	1,226	793	838	88	81	63	52
Mechanics and repairers	348	347	217	220	31	30	18	17
Construction trades	437	473	302	333	24	21	24	23
Other precision production, craft, and repair	419	405	274	285	33	30	21	12
Operators, fabricators, and laborers	1,993	2,054	1,360	1,374	145	148	75	87
Machine operators, assemblers, and inspectors	1,015	1,024	684	664	74	77	35	35
Transportation and material moving occupations	412	431	274	274	32	36	21	33
Handlers, equipment cleaners, helpers, and laborers	567	598	402	436	39	35	20	19
Construction laborers	109	110	81	82	5	3	4	3
Other handlers, equipment cleaners, helpers, and laborers	458	489	321	354	33	31	16	16
Farming, forestry, and fishing	523	534	464	463	9	10	9	11
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	406	407	378	367	5	7	3	5
Self-employed workers	59	61	46	42	1	1	4	3
Unpaid family workers	1	-	1	-	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	8,053	8,310	4,900	5,129	776	789	441	457
Government	1,028	1,119	629	701	151	162	47	46
Private industries	7,025	7,191	4,271	4,428	625	627	394	411
Private households	205	225	99	119	6	6	2	3
Other industries	6,820	6,966	4,172	4,309	619	621	392	408
Self-employed workers	439	482	248	258	19	31	39	45
Unpaid family workers	14	12	8	9	1	1	1	-
FULL- AND PART-TIME STATUS²								
Full-time schedules	7,271	7,491	4,476	4,639	679	694	414	438
Part time for economic reasons	832	850	554	589	49	47	27	23
Part time for noneconomic reasons	868	932	550	577	74	88	46	50

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

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

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43. Employed civilians by sex, age, race, and Hispanic origin

(In thousands)

Sex and age	Total		White		Black		Hispanic origin	
	1992	1993	1992	1993	1992	1993	1992	1993
Total, 16 years and over	117,598	119,306	101,479	102,812	11,933	12,146	8,971	9,272
16 to 19 years	5,398	5,530	4,761	4,887	474	474	492	487
16 to 17 years	2,050	2,142	1,840	1,922	152	165	146	137
18 to 19 years	3,349	3,388	2,921	2,965	321	309	346	350
20 to 24 years	12,157	12,137	10,455	10,369	1,281	1,319	1,268	1,265
25 years and over	100,043	101,640	86,263	87,556	10,178	10,353	7,212	7,521
25 to 54 years	85,350	86,920	73,307	74,525	8,857	9,086	6,507	6,798
55 years and over	14,693	14,720	12,957	13,031	1,320	1,267	705	723
Men, 16 years and over	63,805	64,700	55,709	56,397	5,846	5,957	5,388	5,603
16 to 19 years	2,786	2,836	2,464	2,500	243	247	281	285
16 to 17 years	1,052	1,106	952	990	77	86	83	81
18 to 19 years	1,733	1,730	1,512	1,510	166	161	198	204
20 to 24 years	6,357	6,356	5,462	5,448	658	658	768	782
25 years and over	54,662	55,508	47,783	48,449	4,945	5,052	4,339	4,536
25 to 54 years	46,340	47,239	40,377	41,043	4,267	4,419	3,922	4,122
55 years and over	8,322	8,270	7,406	7,406	678	633	417	414
Women, 16 years and over	53,793	54,606	45,770	46,415	6,087	6,189	3,584	3,669
16 to 19 years	2,613	2,694	2,297	2,387	231	227	211	202
16 to 17 years	997	1,036	888	932	76	79	63	56
18 to 19 years	1,615	1,658	1,409	1,456	155	148	148	146
20 to 24 years	5,799	5,780	4,993	4,921	623	661	500	482
25 years and over	45,381	46,132	38,480	39,107	5,233	5,301	2,873	2,985
25 to 54 years	39,010	39,682	32,930	33,481	4,590	4,667	2,585	2,676
55 years and over	6,372	6,450	5,551	5,625	643	634	288	309

44. Unemployment rates by sex, age, race, and Hispanic origin

(Civilian workers)

Sex and age	Total		White		Black		Hispanic origin	
	1992	1993	1992	1993	1992	1993	1992	1993
Total, 16 years and over	7.4	6.8	6.5	6.0	14.1	12.9	11.4	10.6
16 to 19 years	20.0	19.0	17.1	16.2	39.8	38.9	27.5	26.2
16 to 17 years	23.0	21.3	20.1	19.0	44.8	39.7	35.7	35.3
18 to 19 years	18.1	17.5	15.1	14.3	37.1	38.4	23.4	21.9
20 to 24 years	11.3	10.5	9.4	8.7	23.9	22.0	13.2	13.1
25 years and over	6.1	5.6	5.5	5.0	10.9	9.8	9.8	9.0
25 to 54 years	6.3	5.8	5.6	5.2	11.6	10.2	9.9	9.1
55 years and over	4.8	4.3	4.6	4.0	6.0	6.7	8.6	7.7
Men, 16 years and over	7.8	7.1	6.9	6.2	15.2	13.8	11.5	10.4
16 to 19 years	21.5	20.4	18.4	17.6	42.0	40.1	28.2	26.1
16 to 17 years	24.4	22.8	21.3	20.1	47.5	42.7	36.6	34.6
18 to 19 years	19.5	18.8	16.4	15.9	39.1	38.6	24.1	22.0
20 to 24 years	12.2	11.3	10.4	9.5	24.5	23.0	13.7	12.6
25 years and over	6.4	5.8	5.8	5.2	11.7	10.5	9.8	8.8
25 to 54 years	6.6	5.9	5.9	5.3	12.3	10.8	9.8	8.9
55 years and over	5.2	4.7	4.9	4.2	7.4	8.4	9.9	8.7
Women, 16 years and over	6.9	6.5	6.0	5.7	13.0	12.0	11.3	10.9
16 to 19 years	18.5	17.4	15.7	14.6	37.2	37.5	26.4	26.4
16 to 17 years	21.4	19.6	18.9	17.7	41.7	36.1	34.4	36.2
18 to 19 years	16.5	16.0	13.6	12.5	34.8	38.2	22.4	21.7
20 to 24 years	10.2	9.6	8.3	7.8	23.1	20.9	12.4	14.0
25 years and over	5.7	5.4	5.1	4.8	10.1	9.1	9.7	9.1
25 to 54 years	6.0	5.6	5.2	5.0	10.8	9.7	10.1	9.4
55 years and over	4.2	3.8	4.1	3.7	4.4	4.9	6.6	6.4

45. Unemployed persons by duration of unemployment, race, and Hispanic origin

(Numbers in thousands)

Weeks of unemployment	Total		White		Black		Hispanic origin	
	1992	1993	1992	1993	1992	1993	1992	1993
DURATION								
Total, 16 years and over	9,384	8,734	7,047	6,547	1,958	1,796	1,160	1,104
Less than 5 weeks	3,270	3,160	2,468	2,404	671	615	448	429
5 to 14 weeks	2,760	2,522	2,062	1,895	580	518	330	310
15 weeks and over	3,354	3,052	2,517	2,248	706	664	382	365
15 to 26 weeks	1,424	1,274	1,072	954	293	267	171	163
27 weeks and over	1,930	1,778	1,445	1,294	413	397	210	203
Average (mean) duration, in weeks	17.9	18.1	17.8	17.7	18.6	19.3	16.3	16.7
Median duration, in weeks	8.8	8.4	8.7	8.2	9.0	9.1	7.8	7.9
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	34.9	36.2	35.0	36.7	34.3	34.2	38.6	38.8
5 to 14 weeks	29.4	28.9	29.3	28.9	29.7	28.8	28.5	28.1
15 weeks and over	35.7	34.9	35.7	34.3	36.1	36.9	32.9	33.1
15 to 26 weeks	15.2	14.6	15.2	14.6	15.0	14.9	14.8	14.7
27 weeks and over	20.6	20.4	20.5	19.8	21.1	22.1	18.1	18.4

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

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin	
	1992	1993	1992	1993	1992	1993	1992	1993
NUMBER OF UNEMPLOYED								
Total, 16 years and over	9,384	8,734	7,047	6,547	1,958	1,796	1,160	1,104
Job losers	5,291	4,769	4,117	3,684	985	896	707	644
On layoff	1,246	1,104	1,054	932	160	146	125	107
Other job losers	4,045	3,664	3,064	2,751	825	751	583	537
Job leavers	975	946	759	740	176	166	94	114
Reentrants	2,228	2,145	1,596	1,541	545	501	227	215
New entrants	890	874	574	582	252	233	131	131
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	56.4	54.6	58.4	56.3	50.3	49.9	61.0	58.3
On layoff	13.3	12.6	15.0	14.2	8.2	8.1	10.8	9.7
Other job losers	43.1	42.0	43.5	42.0	42.2	41.8	50.2	48.6
Job leavers	10.4	10.8	10.8	11.3	9.0	9.2	8.1	10.4
Reentrants	23.7	24.6	22.6	23.5	27.8	27.9	19.5	19.5
New entrants	9.5	10.0	8.1	8.9	12.9	13.0	11.3	11.8
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	4.2	3.7	3.8	3.4	7.1	6.4	7.0	6.2
Job leavers .....	.8	.7	.7	.7	1.3	1.2	.9	1.1
Reentrants	1.8	1.7	1.5	1.4	3.9	3.6	2.2	2.1
New entrants .....	.7	.7	.5	.5	1.8	1.7	1.3	1.3

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.

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

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	1992	1993	Total		Employed		Unemployed			
			1992	1993	1992	1993	Number		Percent of labor force	
							1992	1993	1992	1993
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,862	7,913	7,071	7,057	6,677	6,696	393	361	5.6	5.1
35 to 49 years	6,256	5,933	5,862	5,538	5,528	5,242	334	297	5.7	5.4
35 to 39 years	936	731	868	677	806	619	62	59	7.1	8.6
40 to 44 years	2,682	2,275	2,511	2,127	2,364	2,006	147	121	5.9	5.7
45 to 49 years	2,638	2,927	2,483	2,734	2,358	2,616	125	117	5.0	4.3
50 years and over	1,605	1,980	1,209	1,519	1,149	1,455	59	64	4.9	4.2
NONVETERANS										
Total, 35 to 49 years	19,378	20,384	18,066	18,940	17,008	17,942	1,058	999	5.9	5.3
35 to 39 years	8,728	9,012	8,241	8,469	7,718	8,002	523	467	6.3	5.5
40 to 44 years	6,233	6,782	5,808	6,310	5,497	5,999	311	311	5.4	4.9
45 to 49 years	4,417	4,591	4,018	4,161	3,794	3,940	224	221	5.6	5.3

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

48. 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	
	1992	1993	1992	1993	1992	1993	1992	1993	1992	1993	1992	1993
Total, 35 to 49 years												
Civilian noninstitutional population	5,597	5,312	557	515	252	215	16,564	17,380	1,939	2,050	1,793	1,965
Civilian labor force	5,280	4,987	491	456	233	199	15,616	16,356	1,648	1,726	1,633	1,788
Employed	5,002	4,736	444	418	217	183	14,792	15,591	1,460	1,549	1,474	1,627
Unemployed	279	251	47	38	16	16	824	765	188	177	159	161
Unemployment rate	5.3	5.0	9.6	8.3	7.0	8.3	5.3	4.7	11.4	10.2	9.8	9.0
35 to 39 years												
Civilian noninstitutional population	796	623	119	94	50	31	7,516	7,745	858	891	805	874
Civilian labor force	742	581	106	84	46	28	7,169	7,359	743	771	747	813
Employed	689	533	99	74	41	26	6,765	7,000	644	687	671	737
Unemployed	52	48	7	9	5	3	404	359	99	84	75	76
Unemployment rate	7.1	8.2	6.7	11.0	11.4	(¹)	5.6	4.9	13.3	10.9	10.1	9.3
40 to 44 years												
Civilian noninstitutional population	2,403	2,036	242	197	111	91	5,300	5,756	634	703	592	626
Civilian labor force	2,266	1,914	212	175	101	83	5,000	5,428	536	588	544	570
Employed	2,146	1,814	187	157	94	76	4,753	5,188	488	532	494	523
Unemployed	120	100	25	19	7	7	247	240	48	56	49	48
Unemployment rate	5.3	5.2	11.6	10.6	7.2	8.8	4.9	4.4	8.9	9.5	9.1	8.3
45 to 49 years												
Civilian noninstitutional population	2,398	2,653	197	224	91	94	3,749	3,879	447	457	396	466
Civilian labor force	2,272	2,492	172	196	86	88	3,448	3,569	369	366	343	405
Employed	2,166	2,389	157	187	82	81	3,275	3,402	327	329	308	367
Unemployed	106	103	15	10	4	6	173	167	41	37	35	38
Unemployment rate	4.7	4.1	8.8	5.1	4.4	7.3	5.0	4.7	11.2	10.1	10.1	9.4

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

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

and Hispanic-origin groups will not 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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49. Unemployment in families by type of family, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Type of family, race, and Hispanic origin	1992					1993				
	Total families	With unemployment:				Total families	With unemployment:			
		Total	Percent of families:				Total	Percent of families:		
			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL										
Total families	66,785	6,643	30.1	69.9	61.6	67,378	6,178	30.4	69.6	61.8
With children under 18 years of age	32,442	3,660	33.9	66.1	58.3	32,730	3,417	34.2	65.8	58.4
Married-couple families	51,834	4,585	20.3	79.7	71.4	52,120	4,193	19.2	80.8	72.8
With children under 18 years of age	23,979	2,590	19.8	80.2	71.8	23,991	2,356	18.1	81.9	73.8
Families maintained by women	11,726	1,605	53.8	46.2	37.8	11,957	1,534	55.9	44.1	36.3
With children under 18 years of age	7,075	911	68.1	31.9	25.3	7,244	875	69.7	30.3	24.1
Families maintained by men	3,226	454	45.3	54.7	47.5	3,301	450	48.2	51.8	45.3
With children under 18 years of age	1,389	159	68.6	31.4	28.3	1,494	186	71.0	29.0	25.8
White										
Total families	56,925	5,046	27.4	72.6	64.2	57,258	4,684	27.0	73.0	64.7
With children under 18 years of age	26,788	2,746	30.0	70.0	61.8	26,935	2,560	29.5	70.5	62.3
Married-couple families	46,627	3,850	20.5	79.5	71.1	46,820	3,495	18.9	81.1	73.0
With children under 18 years of age	21,174	2,154	20.0	80.0	71.4	21,163	1,945	18.1	81.9	73.4
Families maintained by women	7,773	865	51.3	48.7	39.8	7,860	865	52.5	47.5	38.2
With children under 18 years of age	4,507	473	66.0	34.0	26.6	4,572	477	65.0	35.0	27.0
Families maintained by men	2,526	330	45.5	54.5	48.2	2,578	324	46.9	53.1	46.0
With children under 18 years of age	1,107	119	68.9	31.1	28.6	1,200	138	68.1	31.9	27.5
Black										
Total families	7,624	1,325	41.2	58.8	50.7	7,725	1,216	43.7	56.3	50.2
With children under 18 years of age	4,389	760	48.7	51.3	44.9	4,436	696	51.6	48.4	43.7
Married-couple families	3,499	541	19.8	80.2	71.7	3,495	500	20.6	79.4	72.6
With children under 18 years of age	1,803	319	18.8	81.2	73.7	1,779	287	17.1	82.9	76.7
Families maintained by women	3,577	684	57.5	42.5	34.9	3,673	614	61.1	38.9	33.1
With children under 18 years of age	2,355	407	70.7	29.3	23.9	2,419	369	75.7	24.3	20.3
Families maintained by men	548	100	46.0	54.0	45.0	556	102	52.0	48.0	43.1
With children under 18 years of age	230	35	67.6	32.4	29.4	238	39	76.9	23.1	20.5
Hispanic origin										
Total families	5,166	822	34.3	65.7	58.8	5,373	796	30.7	69.3	61.7
With children under 18 years of age	3,334	545	38.4	61.6	54.8	3,416	525	34.1	65.9	58.3
Married-couple families	3,484	557	26.6	73.4	66.6	3,636	545	21.8	78.2	70.1
With children under 18 years of age	2,294	393	27.5	72.5	65.4	2,341	386	23.3	76.7	68.9
Families maintained by women	1,244	186	54.8	45.2	36.6	1,302	178	52.8	47.2	40.4
With children under 18 years of age	864	123	67.5	32.5	26.0	880	109	63.3	36.7	29.4
Families maintained by men	438	79	39.2	60.8	55.7	436	73	42.5	57.5	52.1
With children under 18 years of age	176	29	(¹)	(¹)	(¹)	195	30	(¹)	(¹)	(¹)

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

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

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

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50. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1992				1993			
	Total	Percent of unemployed:			Total	Percent of unemployed:		
		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total unemployed in families ¹	7,481	31.7	68.3	80.1	8,916	32.0	68.0	60.3
Husbands	1,918	34.9	65.1	52.0	1,696	33.8	66.4	53.4
With children under 18 years of age	1,153	38.6	61.4	47.8	1,025	38.4	63.6	49.7
Wives	1,465	18.9	81.1	78.1	1,366	17.2	82.8	77.9
With children under 18 years of age	897	16.8	83.2	78.4	804	14.5	85.5	81.1
Relatives in married-couple families	1,758	12.0	88.0	82.5	1,821	12.5	87.5	82.6
Women who maintain families	721	83.9	16.1	9.9	714	83.9	16.1	10.2
With children under 18 years of age	800	91.1	8.9	4.6	585	91.5	8.5	3.9
Relatives in families maintained by women	1,092	33.4	66.6	56.4	1,030	35.5	64.5	55.4
Men who maintain families	226	70.0	30.0	24.8	225	73.2	26.8	21.0
With children under 18 years of age	118	90.4	9.6	7.7	131	93.1	6.9	4.3
Relatives in families maintained by men	281	28.0	72.0	63.9	263	28.6	71.4	64.1
White								
Total unemployed in families ¹	5,565	29.1	70.9	62.7	5,141	29.0	71.0	62.8
Husbands	1,830	35.2	64.8	51.2	1,422	33.6	66.4	52.6
With children under 18 years of age	954	39.2	60.8	46.3	842	36.9	63.1	47.9
Wives	1,241	18.6	81.4	78.5	1,156	16.5	83.5	79.0
With children under 18 years of age	751	16.3	83.7	79.0	670	13.8	86.2	82.3
Relatives in married-couple families	1,386	11.8	88.4	83.4	1,273	11.9	88.1	83.4
Women who maintain families	384	79.6	20.4	12.6	389	80.2	19.8	11.7
With children under 18 years of age	313	89.2	10.8	5.3	307	89.2	10.8	4.3
Relatives in families maintained by women	556	31.9	68.1	58.4	554	34.2	65.8	55.7
Men who maintain families	169	70.1	29.9	24.0	162	71.7	28.3	21.4
With children under 18 years of age	88	90.8	9.2	7.4	94	91.9	8.1	4.8
Relatives in families maintained by men	199	27.6	72.4	66.0	185	27.9	72.1	64.7
Black								
Total unemployed in families ¹	1,577	41.4	58.6	50.5	1,457	42.8	57.2	50.9
Husbands	211	34.1	65.9	56.0	184	32.1	67.9	56.3
With children under 18 years of age	145	35.3	64.7	55.2	121	32.1	67.9	59.1
Wives	161	20.8	79.2	72.2	145	22.5	77.5	71.0
With children under 18 years of age	108	19.0	81.0	75.1	96	18.9	81.1	75.1
Relatives in married-couple families	289	13.7	86.3	78.0	279	15.4	84.6	79.3
Women who maintain families	314	90.2	9.8	6.2	299	89.8	10.2	6.8
With children under 18 years of age	269	93.9	6.1	3.6	260	94.1	5.9	3.3
Relatives in families maintained by women	494	35.2	64.8	54.4	439	37.0	63.0	55.2
Men who maintain families	46	69.4	30.6	27.2	49	77.6	22.4	20.0
With children under 18 years of age	24	(²)	(²)	(²)	29	(²)	(²)	(²)
Relatives in families maintained by men	63	31.0	69.0	56.4	61	31.6	68.4	60.9
Hispanic origin								
Total unemployed in families ¹	952	36.2	63.8	57.1	912	32.5	67.5	59.8
Husbands	254	47.1	52.9	43.6	234	41.7	58.3	46.1
With children under 18 years of age	192	50.3	49.7	39.6	183	44.6	55.4	43.1
Wives	178	23.3	76.7	70.9	175	17.6	82.4	76.8
With children under 18 years of age	128	24.5	75.5	70.4	122	18.2	81.8	77.2
Relatives in married-couple families	226	14.5	85.5	81.7	225	11.3	88.7	84.3
Women who maintain families	86	82.6	17.4	11.5	81	75.1	24.9	18.7
With children under 18 years of age	76	87.0	13.0	8.8	63	84.3	15.7	9.7
Relatives in families maintained by women	116	35.0	65.0	54.8	115	39.1	60.9	51.6
Men who maintain families	41	62.6	37.4	34.3	37	68.3	31.7	29.4
With children under 18 years of age	21	(²)	(²)	(²)	20	(²)	(²)	(²)
Relatives in families maintained by men	51	26.5	73.5	66.9	45	27.1	72.9	62.6

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

aggregating the data.

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

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

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51. Employed civilians by family relationship, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1992				1993			
	Total	Percent of employed:			Total	Percent of employed:		
		With no other employed person in family	With another employed person in family	With another person in family employed full time		With no other employed person in family	With another employed person in family	With another person in family employed full time
TOTAL								
Total employed in families ¹	93,754	23.1	78.9	66.6	94,576	23.1	76.9	66.5
Husbands	36,274	27.7	72.3	55.1	38,521	27.5	72.5	55.4
With children under 18 years of age	21,722	29.8	70.2	50.0	21,831	29.7	70.3	50.2
Wives	29,313	10.2	89.8	85.5	29,675	10.1	89.9	85.4
With children under 18 years of age	15,552	6.5	93.5	90.4	15,703	6.4	93.6	90.3
Relatives in married-couple families	11,075	7.4	92.6	88.8	10,869	8.0	92.0	88.1
Women who maintain families	6,582	66.1	33.9	22.8	6,764	66.3	33.7	22.9
With children under 18 years of age	4,248	83.7	16.3	7.8	4,403	83.3	16.7	8.2
Relatives in families maintained by women	4,598	25.5	74.5	65.3	4,804	24.8	75.2	65.5
Men who maintain families	2,288	59.0	41.0	31.9	2,339	60.0	40.0	30.3
With children under 18 years of age	1,140	85.3	14.7	8.7	1,204	85.1	14.9	7.9
Relatives in families maintained by men	1,624	18.8	81.4	75.9	1,604	18.8	81.2	74.7
White								
Total employed in families ¹	81,313	22.2	77.8	67.1	81,881	22.1	77.9	67.0
Husbands	34,502	28.1	71.9	54.1	34,705	27.8	72.4	54.6
With children under 18 years of age	19,360	30.4	69.6	48.4	19,444	30.1	69.9	48.7
Wives	26,139	9.9	90.1	85.8	26,498	9.8	90.2	85.8
With children under 18 years of age	13,659	5.9	94.1	91.1	13,816	5.9	94.1	91.0
Relatives in married-couple families	9,682	7.2	92.8	88.9	9,445	7.8	92.2	88.4
Women who maintain families	4,551	63.5	36.5	24.3	4,656	63.6	36.4	24.0
With children under 18 years of age	2,903	82.5	17.5	7.8	2,995	81.8	18.2	8.2
Relatives in families maintained by women	3,339	25.7	74.3	64.6	3,444	25.0	75.0	65.3
Men who maintain families	1,838	58.7	41.3	31.8	1,882	60.5	39.5	29.3
With children under 18 years of age	931	84.4	15.6	9.0	995	84.6	15.4	7.6
Relatives in families maintained by men	1,261	18.2	81.8	76.3	1,232	18.3	81.7	75.3
Black								
Total employed in families ¹	8,966	31.8	68.2	60.6	9,088	32.3	67.7	60.2
Husbands	2,448	22.3	77.7	66.9	2,449	23.4	76.6	66.3
With children under 18 years of age	1,501	21.5	78.5	67.5	1,508	22.8	77.4	66.5
Wives	2,120	15.1	84.9	80.5	2,088	14.1	85.9	81.1
With children under 18 years of age	1,258	11.7	88.3	84.4	1,231	10.3	89.7	85.3
Relatives in married-couple families	904	9.8	90.2	85.0	934	10.5	89.5	84.8
Women who maintain families	1,821	73.3	26.7	18.3	1,878	73.9	26.1	18.9
With children under 18 years of age	1,225	86.3	13.7	7.8	1,273	87.3	12.7	7.6
Relatives in families maintained by women	1,096	25.5	74.5	66.6	1,164	25.4	74.6	64.9
Men who maintain families	337	65.5	34.5	27.2	337	63.7	36.3	29.2
With children under 18 years of age	170	89.9	10.1	7.7	169	88.5	11.5	7.6
Relatives in families maintained by men	240	26.1	73.9	68.2	239	27.9	72.1	64.8
Hispanic origin								
Total employed in families ¹	7,184	26.5	73.5	65.0	7,401	27.1	72.9	63.9
Husbands	2,712	35.7	64.3	51.5	2,841	35.2	64.8	52.0
With children under 18 years of age	1,954	38.1	61.9	48.7	2,013	37.6	62.4	49.0
Wives	1,743	10.9	89.1	84.0	1,831	11.4	88.6	82.8
With children under 18 years of age	1,180	9.2	90.8	86.5	1,233	10.1	89.9	84.7
Relatives in married-couple families	1,065	6.7	93.3	89.2	1,039	7.7	92.3	87.6
Women who maintain families	578	64.9	35.1	26.5	601	65.2	34.8	24.6
With children under 18 years of age	405	78.9	21.1	13.7	409	79.9	20.1	12.1
Relatives in families maintained by women	472	23.8	76.2	67.3	497	24.9	75.1	64.8
Men who maintain families	327	49.4	50.6	43.5	328	53.3	46.7	38.2
With children under 18 years of age	136	82.4	17.6	12.5	155	81.6	18.4	13.0
Relatives in families maintained by men	289	8.9	91.1	85.4	264	9.2	90.8	86.0

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

aggregating the data.

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

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

(Numbers in thousands)

Type of family, number of earners, race, and Hispanic origin	Number of families		Median weekly earnings	
	1992	1993	1992	1993
TOTAL				
Total families with earners ¹	44,137	44,383	\$688	\$707
Married-couple families	34,280	34,257	779	804
One earner	12,200	12,185	469	481
Husband	8,667	8,643	546	565
Wife	2,801	2,773	294	314
Other family member	732	769	282	282
Two or more earners	22,080	22,071	942	973
Husband and wife	19,709	19,838	964	995
Husband and other family member(s)	1,617	1,509	848	875
Wife and other family member(s)	597	574	592	613
Other family members only	158	150	589	605
Families maintained by women	7,546	7,792	385	393
One earner	5,286	5,452	306	307
Householder	4,225	4,402	316	315
Other family member	1,061	1,050	264	263
Two or more earners	2,261	2,340	634	655
Families maintained by men	2,311	2,334	519	523
One earner	1,462	1,523	415	429
Two or more earners	850	811	756	763
White				
Total families with earners ¹	37,378	37,458	716	739
Married-couple families	30,337	30,288	791	816
One earner	10,852	10,790	483	492
Husband	7,844	7,755	561	583
Wife	2,384	2,383	296	313
Two or more earners	19,485	19,497	954	984
Husband and wife	17,432	17,572	975	1,004
Families maintained by women	5,226	5,355	409	415
Families maintained by men	1,814	1,816	545	547
Black				
Total families with earners ¹	5,188	5,268	478	490
Married-couple families	2,723	2,698	646	674
One earner	895	909	309	344
Husband	486	539	359	381
Wife	330	287	279	321
Two or more earners	1,828	1,789	806	846
Husband and wife	1,609	1,590	834	873
Families maintained by women	2,079	2,168	328	334
Families maintained by men	386	403	412	413
Hispanic origin				
Total families with earners ¹	3,755	3,879	496	505
Married-couple families	2,698	2,800	552	566
One earner	1,116	1,177	333	334
Husband	876	912	365	365
Wife	170	183	264	262
Two or more earners	1,582	1,622	743	744
Husband and wife	1,218	1,280	778	773
Families maintained by women	720	749	341	353
Families maintained by men	337	330	476	432

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

person maintaining the family is either self-employed or in the Armed Forces.

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

(Numbers in thousands)

Type of family and relationship of unemployed members to wage and salary earners	Number of families		Median weekly earnings	
	1992	1993	1992	1993
Married-couple families ¹	3,229	3,056	\$499	\$531
Husband unemployed	1,184	1,075	322	364
Wife only earner	915	820	298	332
Wife and other earner(s)	181	169	602	601
Other earner(s) only	88	86	227	217
Wife unemployed	1,037	1,005	504	541
Husband only earner	856	837	475	499
Husband and other earner(s)	163	151	796	818
Other earner(s) only	17	16	(²)	(²)
Other member(s) unemployed	1,008	976	790	825
Husband or wife earner	389	348	531	521
Both husband and wife earners	581	589	977	988
Other combinations of earners	37	40	(²)	(²)
Families maintained by women ¹	731	642	339	348
Householder unemployed	114	109	201	209
Other member(s) unemployed	618	533	366	380
Families maintained by men ¹	220	212	424	457

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

in the Armed Forces.

² Data not shown where base is less than 50,000.

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	1992	1993	1992	1993
SEX AND AGE				
Total, 16 years and over	84,143	85,211	\$445	\$463
Men, 16 years and over	47,877	48,384	505	514
16 to 24 years	5,517	5,556	285	289
25 years and over	42,360	42,828	539	559
Women, 16 years and over	36,266	36,827	381	395
16 to 24 years	4,339	4,324	267	274
25 years and over	31,927	32,503	400	416
FAMILY RELATIONSHIP				
Husbands	30,664	31,061	575	587
Wives	19,246	19,570	395	412
Women who maintain families	5,143	5,279	370	379
Men who maintain families	1,828	1,827	451	482
Other persons in families:				
Men	5,921	5,908	301	307
Women	4,076	4,003	292	295
All other men ¹	9,465	9,587	464	479
All other women ¹	7,801	7,975	406	419
RACE, HISPANIC ORIGIN, AND SEX				
White	71,629	72,395	462	478
Men	41,439	41,825	518	531
Women	30,190	30,571	388	403
Black	9,537	9,729	357	370
Men	4,766	4,855	380	392
Women	4,771	4,873	336	349
Hispanic origin	6,986	7,106	324	335
Men	4,390	4,495	345	352
Women	2,596	2,611	303	314

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

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

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	1992	1993	1992	1993
SEX AND AGE				
Total, 16 years and over	19,545	19,856	\$132	\$135
Men, 16 years and over	6,258	6,392	121	123
16 to 24 years	3,279	3,313	104	104
25 years and over	2,978	3,078	152	160
Women, 16 years and over	13,287	13,465	137	141
16 to 24 years	3,910	4,000	102	105
25 years and over	9,377	9,465	157	162
FAMILY RELATIONSHIP				
Husbands	1,706	1,711	154	165
Wives	6,882	6,822	163	167
Women who maintain families	1,119	1,219	141	147
Men who maintain families	149	179	150	161
Other persons in families:				
Men	3,189	3,241	104	103
Women	3,320	3,407	99	101
All other men ¹	1,214	1,261	144	150
All other women ¹	1,966	2,017	133	141
RACE, HISPANIC ORIGIN, AND SEX				
White	16,995	17,248	133	136
Men	5,293	5,361	121	122
Women	11,702	11,887	139	142
Black	1,879	1,883	123	128
Men	714	733	119	124
Women	1,165	1,150	125	130
Hispanic origin	1,355	1,469	134	134
Men	564	590	136	136
Women	791	879	133	132

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

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

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Occupation	1993					
	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	85,211	\$463	48,384	\$514	36,827	\$395
Managerial and professional specialty	24,090	675	12,454	791	11,636	580
Executive, administrative, and managerial	11,742	664	6,611	791	5,131	528
Administrators and officials, public administration	537	724	305	801	231	808
Administrators, protective services	53	733	42	(¹)	11	(¹)
Financial managers	513	776	288	965	225	632
Personnel and labor relations managers	93	723	39	(¹)	55	517
Purchasing managers	123	773	81	904	42	(¹)
Managers, marketing, advertising, and public relations	444	851	313	979	131	637
Administrators, education and related fields	548	778	240	936	308	635
Managers, medicine and health	399	692	118	677	281	619
Managers, food serving and lodging and establishments	765	407	436	460	330	367
Managers, properties and real estate	300	511	152	614	148	449
Management-related occupations	3,457	597	1,586	713	1,871	517
Accountants and auditors	1,145	612	560	710	585	544
Underwriters	108	595	34	(¹)	74	538
Other financial officers	801	670	305	800	296	550
Management analysts	88	775	47	(¹)	41	(¹)
Personnel, training, and labor relations specialists	364	598	133	749	231	534
Buyers, wholesale and retail trade, except farm products	173	495	89	528	84	445
Construction inspectors	59	588	58	592	1	(¹)
Inspectors and compliance officers, except construction	206	671	158	683	48	(¹)
Professional specialty	12,348	682	5,843	791	8,505	605
Engineers, architects, and surveyors	1,637	902	1,488	912	148	798
Architects	70	694	54	765	16	(¹)
Engineers	1,554	911	1,422	919	132	829
Aerospace engineers	71	1,008	65	1,024	6	(¹)
Chemical engineers	56	996	51	1,002	6	(¹)
Civil engineers	190	867	173	861	18	(¹)
Electrical and electronic engineers	491	941	455	951	36	(¹)
Industrial engineers	193	861	182	864	31	(¹)
Mechanical engineers	269	895	258	899	11	(¹)
Mathematical and computer scientists	932	816	621	879	312	724
Computer systems analysts and scientists	668	821	456	868	210	766
Operations and systems researchers and analysts	226	793	136	901	90	655
Natural scientists	456	722	317	784	139	656
Chemists, except biochemists	122	745	88	799	34	(¹)
Biological and life scientists	92	626	55	647	38	(¹)
Medical scientists	63	631	33	(¹)	31	(¹)
Health diagnosing occupations	343	994	246	1,103	97	820
Physicians	293	1,019	211	1,186	81	885
Health assessment and treating occupations	1,885	687	296	766	1,590	680
Registered nurses	1,334	687	91	678	1,243	668
Pharmacists	150	913	96	921	54	884
Dietitians	68	495	5	(¹)	63	492
Therapists	300	633	84	650	216	629
Respiratory therapists	73	572	33	(¹)	40	(¹)
Physical therapists	81	716	22	(¹)	59	896
Speech therapists	51	683	4	(¹)	48	(¹)
Teachers, college and university	518	795	335	894	184	689
Teachers, except college and university	3,558	585	939	644	2,617	560
Teachers, prekindergarten and kindergarten	347	353	9	(¹)	339	347
Teachers, elementary school	1,489	596	214	666	1,275	586
Teachers, secondary school	1,114	625	501	665	614	600
Teachers, special education	252	596	41	(¹)	211	587
Counselors, educational and vocational	174	621	59	727	115	599
Librarians, archivists, and curators	166	577	32	(¹)	134	565
Librarians	142	567	19	(¹)	123	566
Social scientists and urban planners	244	670	114	761	130	616
Economists	96	793	53	994	43	(¹)
Psychologists	119	583	41	(¹)	77	620
Social, recreation, and religious workers	935	492	482	520	453	470
Social workers	524	511	174	573	350	496
Recreation workers	63	259	14	(¹)	49	(¹)
Clergy	304	499	272	506	32	(¹)
Lawyers and judges	428	1,170	307	1,219	121	1,013
Lawyers	397	1,164	280	1,212	116	1,015

See footnotes at end of table.

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

(Numbers in thousands)

Occupation	1993					
	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	1,073	\$574	608	\$641	465	\$507
Technical writers	54	720	27	(¹)	27	(¹)
Designers	328	570	191	675	136	485
Actors and directors	54	601	30	(¹)	24	(¹)
Painters, sculptors, craft artists, and artist printmakers	81	497	43	(¹)	38	(¹)
Photographers	58	450	43	(¹)	16	(¹)
Editors and reporters	208	574	112	682	96	504
Public relations specialists	127	613	53	754	74	578
Technical, sales, and administrative support	25,894	419	9,774	534	16,120	376
Technicians and related support	3,360	528	1,773	615	1,587	468
Health technologists and technicians	1,169	458	251	522	918	435
Clinical laboratory technologists and technicians	258	533	69	613	190	511
Health record technologists and technicians	60	336	8	(¹)	53	321
Radiologic technicians	117	585	40	(¹)	77	554
Licensed practical nurses	318	435	19	(¹)	299	431
Engineering and related technologists and technicians	800	550	661	575	139	473
Electrical and electronic technicians	286	591	241	610	45	(¹)
Drafting occupations	226	528	184	546	42	(¹)
Surveying and mapping technicians	63	470	60	477	3	(¹)
Science technicians	216	501	143	522	73	446
Biological technicians	65	446	28	(¹)	37	(¹)
Chemical technicians	70	577	52	590	18	(¹)
Technicians, except health, engineering, and science	1,174	858	717	735	456	559
Airplane pilots and navigators	73	1,086	71	1,124	2	(¹)
Computer programmers	535	747	371	773	164	694
Legal assistants	207	536	36	(¹)	172	526
Sales occupations	8,063	457	4,664	544	3,398	329
Supervisors and proprietors	2,543	495	1,566	578	977	386
Sales representatives, finance and business services	1,466	604	832	697	633	512
Insurance sales	368	585	210	628	157	500
Real estate sales	315	610	136	724	177	578
Securities and financial services sales	256	783	176	909	80	596
Advertising and related sales	124	590	61	716	63	507
Sales occupations, other business services	402	577	246	633	156	479
Sales representatives, commodities, except retail	1,223	625	982	675	241	517
Sales workers, retail and personal services	2,810	281	1,274	386	1,536	241
Sales workers, motor vehicles and boats	226	496	204	500	22	(¹)
Sales workers, apparel	156	262	42	(¹)	115	247
Sales workers, furniture and home furnishings	104	381	68	447	36	(¹)
Sales workers, radio, television, hi-fi, and appliances	134	448	99	462	35	(¹)
Sales workers, hardware and building supplies	175	361	144	370	31	(¹)
Sales workers, parts	130	347	122	358	8	(¹)
Sales workers, other commodities	656	268	229	322	427	250
Sales counter clerks	88	288	39	(¹)	49	(¹)
Cashiers	982	226	252	252	730	221
Street and door-to-door sales workers	100	449	46	(¹)	54	369
Administrative support, including clerical	14,472	392	3,337	492	11,135	375
Supervisors	736	585	320	692	416	514
General office	455	548	186	730	288	504
Financial records processing	96	823	28	(¹)	68	548
Distribution, scheduling, and adjusting clerks	157	597	108	612	49	(¹)
Computer equipment operators	516	435	202	507	314	406
Computer operators	510	437	200	510	310	408
Secretaries, stenographers, and typists	3,295	385	52	399	3,243	385
Secretaries	2,861	386	29	(¹)	2,852	386
Stenographers	63	448	1	(¹)	61	444
Typists	352	366	22	(¹)	330	367
Information clerks	1,085	329	120	384	965	325
Interviewers	102	359	21	(¹)	81	353
Hotel clerks	75	263	18	(¹)	56	262
Transportation ticket and reservation agents	172	417	49	(¹)	123	400
Receptionists	586	318	13	(¹)	573	315
Records processing, except financial	624	376	114	444	510	364
Order clerks	197	478	41	(¹)	156	455
Personnel clerks, except payroll and timekeeping	54	373	8	(¹)	48	(¹)
File clerks	173	310	27	(¹)	147	308
Records clerks	145	383	33	(¹)	112	372

See footnotes at end of table.

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

(Numbers in thousands)

Occupation	1993					
	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	1,546	\$380	174	\$455	1,372	\$375
Bookkeepers, accounting, and auditing clerks	1,155	375	118	396	1,039	374
Payroll and timekeeping clerks	160	411	18	(¹)	142	398
Billing clerks	127	361	14	(¹)	113	350
Billing, posting, and calculating machine operators	58	397	10	(¹)	47	(¹)
Duplicating, mail and other office machine operators	53	324	32	(¹)	21	(¹)
Communications equipment operators	179	385	24	(¹)	155	373
Telephone operators	167	386	19	(¹)	148	376
Mail and message distributing	814	585	527	606	288	536
Postal clerks, except mail carriers	283	812	162	629	121	593
Mail carriers, postal service	312	633	232	640	80	802
Mail clerks, except postal service	122	306	62	318	59	301
Messengers	98	365	70	373	26	(¹)
Material recording, scheduling, and distributing clerks	1,643	392	944	416	699	361
Dispatchers	203	423	101	491	102	396
Production coordinators	187	513	91	614	96	456
Traffic, shipping, and receiving clerks	521	362	365	379	156	320
Stock and inventory clerks	437	386	247	424	189	352
Meter readers	60	471	50	478	9	(¹)
Weighers, measurers, checkers, and samplers	55	364	36	(¹)	19	(¹)
Expeditors	164	354	52	351	112	355
Adjusters and investigators	1,266	412	337	535	929	391
Insurance adjusters, examiners, and investigators	356	482	100	672	256	414
Investigators and adjusters, except insurance	675	400	166	497	510	382
Eligibility clerks, social welfare	83	416	16	(¹)	67	400
Bill and account collectors	152	381	55	406	96	372
Miscellaneous administrative support occupations	2,714	360	491	450	2,222	347
General office clerks	491	350	85	359	406	346
Bank tellers	301	292	26	(¹)	275	290
Data-entry keyers	502	344	89	356	413	342
Teachers' aides	250	270	18	(¹)	233	267
Service occupations	9,379	293	4,680	350	4,699	259
Private household	336	187	25	(¹)	313	163
Child care workers	145	152	4	(¹)	141	151
Cleaners and servants	160	205	20	(¹)	160	199
Protective services	1,933	511	1,646	524	286	417
Supervisors	180	706	167	713	13	(¹)
Police and detectives	96	750	87	759	9	(¹)
Firefighting and fire prevention	203	614	199	616	3	(¹)
Firefighting	185	619	182	620	3	(¹)
Police and detectives	930	576	761	593	149	492
Police and detectives, public service	509	632	449	645	60	576
Sheriffs, bailiffs, and other law enforcement officers	109	524	84	580	24	(¹)
Correctional institution officers	312	498	248	507	65	437
Guards	619	338	498	340	121	326
Guards and police, except public service	578	34	476	340	102	363
Service occupations, except private household and protective	7,109	271	3,009	290	4,099	259
Food preparation and service occupations	2,639	243	1,299	258	1,340	230
Supervisors	204	314	89	401	115	269
Bartenders	156	269	81	306	75	265
Waiters and waitresses	569	230	149	272	420	220
Cooks, except short order	1,126	251	661	264	447	233
Food counter, fountain, and related occupations	79	199	34	(¹)	45	(¹)
Kitchen workers, food preparation	116	235	34	(¹)	82	234
Waiters' and waitresses' assistants	126	213	78	208	48	(¹)
Miscellaneous food preparation occupations	260	218	153	212	107	233
Health service occupations	1,506	289	213	303	1,293	267
Dental assistants	114	325	3	(¹)	111	324
Health aides, except nursing	203	306	42	(¹)	162	304
Nursing aides, orderlies, and attendants	1,189	261	166	299	1,021	279
Cleaning and building service occupations	1,977	291	1,264	320	714	250
Supervisors	133	374	83	417	50	306
Maids and housemen	438	245	91	274	347	239
Janitors and cleaners	1,357	303	1,044	318	312	255
Personal service occupations	987	279	234	306	753	271
Supervisors	55	342	19	(¹)	36	(¹)
Hairdressers and cosmetologists	247	273	31	(¹)	216	271
Attendants, amusement and recreation facilities	86	291	51	292	35	(¹)
Public transportation attendants	51	733	9	(¹)	42	(¹)
Early childhood teacher's assistants	247	240	6	(¹)	241	239

See footnotes at end of table.

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

(Numbers in thousands)

Occupation	1993					
	Both sexes		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Precision production, craft, and repair	10,490	\$501	9,609	\$511	880	\$344
Mechanics and repairers	3,718	510	3,578	509	140	543
Supervisors	211	667	194	670	17	(¹)
Mechanics and repairers, except supervisors	3,507	504	3,385	503	123	526
Vehicle and mobile equipment mechanics and repairers	1,422	475	1,405	474	17	(¹)
Automobile mechanics	608	422	604	422	4	(¹)
Bus, truck, and stationary engine mechanics	312	479	312	479	-	-
Aircraft engine mechanics	135	628	130	625	5	(¹)
Small engine repairers	51	389	48	(¹)	3	(¹)
Automobile body and related repairers	129	407	129	407	1	(¹)
Heavy equipment mechanics	145	539	143	539	2	(¹)
Industrial machinery repairers	537	510	523	511	14	(¹)
Electrical and electronic equipment repairers	575	603	517	602	57	617
Electronic repairers, communications and industrial equipment	123	517	114	517	8	(¹)
Data processing equipment repairers	131	587	119	589	12	(¹)
Telephone installers and repairers	193	664	167	655	26	(¹)
Miscellaneous electrical and electronic equipment repairers	59	603	55	620	3	(¹)
Heating, air conditioning, and refrigeration mechanics	205	494	201	492	4	(¹)
Miscellaneous mechanics and repairers	744	496	714	499	30	(¹)
Office machine repairers	55	470	53	471	2	(¹)
Millwrights	87	627	87	629	1	(¹)
Construction trades	3,313	495	3,275	495	38	(¹)
Supervisors	467	634	463	634	4	(¹)
Construction trades, except supervisors	2,846	477	2,812	478	34	(¹)
Brickmasons and stonemasons	128	479	127	481	1	(¹)
Carpenters	753	439	747	439	7	(¹)
Drywall installers	89	399	88	400	-	-
Electricians	547	549	544	549	4	(¹)
Electrical power installers and repairers	111	697	110	697	1	(¹)
Painters, construction and maintenance	260	398	253	401	8	(¹)
Plumbers, pipefitters, steamfitters, and apprentices	340	520	336	521	4	(¹)
Concrete and terrazzo finishers	64	419	64	419	-	-
Insulation workers	52	477	49	(¹)	3	(¹)
Roofers	128	338	126	335	2	(¹)
Extractive occupations	145	643	143	642	2	(¹)
Precision production occupations	3,313	490	2,613	531	700	319
Supervisors	1,190	573	1,005	600	185	396
Precision metalworking occupations	745	527	694	543	51	338
Tool and die makers	122	632	120	630	2	(¹)
Machinists	420	512	404	518	16	(¹)
Sheet-metal workers	92	519	63	546	9	(¹)
Precision woodworking occupations	72	340	61	360	11	(¹)
Precision textile, apparel, and furnishings machine workers	105	298	53	323	52	272
Precision workers, assorted materials	445	348	187	421	258	314
Electrical and electronic equipment assemblers	301	331	98	382	205	315
Precision food production occupations	354	348	258	393	96	267
Butchers and meat cutters	253	354	201	389	51	260
Bakers	67	344	44	(¹)	23	(¹)
Precision inspectors, testers, and related workers	135	517	105	586	31	(¹)
Inspectors, testers, and graders	125	517	97	577	27	(¹)
Plant and system operators	266	600	250	609	16	(¹)
Water and sewage treatment plant operators	56	505	50	502	6	(¹)
Power plant operators	51	682	47	(¹)	4	(¹)
Stationary engineers	122	581	118	586	5	(¹)
Operators, fabricators, and laborers	14,019	365	10,685	399	3,335	288
Machine operators, assemblers, and inspectors	6,780	348	4,242	407	2,539	284
Machine operators and tenders, except precision	4,390	333	2,753	397	1,637	287
Metalworking and plastic working machine operators	381	410	321	425	60	339
Punching and stamping press machine operators	94	382	65	410	28	(¹)
Grinding, abrading, buffing, and polishing machine operators	124	382	110	387	13	(¹)
Metal and plastic processing machine operators	141	369	106	403	35	(¹)
Molding and casting machine operators	91	381	63	405	28	(¹)
Woodworking machine operators	121	333	106	336	15	(¹)
Sawing machine operators	83	331	74	335	9	(¹)
Printing machine operators	356	418	278	469	78	313
Printing press operators	256	427	221	458	35	(¹)

See footnotes at end of table.

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

(Numbers in thousands)

Occupation	1993					
	Both sexes		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Textile, apparel, and furnishings machine operators	990	\$247	248	\$292	743	\$234
Textile sewing machine operators	557	226	80	252	477	222
Pressing machine operators	118	248	51	295	67	219
Laundering and dry cleaning machine operators	154	251	58	281	96	238
Machine operators, assorted materials	2,374	366	1,677	403	897	295
Packaging and filling machine operators	324	290	136	310	188	277
Mixing and blending machine operators	108	407	94	417	14	(¹)
Separating, filtering, and clarifying machine operators	50	822	43	(¹)	7	(¹)
Painting and paint spraying machine operators	189	383	189	391	21	(¹)
Furnace, kiln, and oven operators, exc. food	80	497	77	503	3	(¹)
Slicing and cutting machine operators	173	330	127	358	46	(¹)
Photographic process machine operators	63	296	33	(¹)	30	(¹)
Fabricators, assemblers, and hand working occupations	1,658	378	1,138	416	522	306
Welders and cutters	506	453	490	457	17	(¹)
Assemblers	1,034	342	582	389	452	307
Production inspectors, testers, samplers, and weighers	732	367	353	460	379	313
Production inspectors, checkers, and examiners	552	390	252	495	300	323
Production testers	52	448	37	(¹)	15	(¹)
Graders and sorters, except agricultural	120	282	58	287	61	278
Transportation and material moving occupations	3,926	447	3,681	456	244	358
Motor vehicle operators	2,867	437	2,670	446	196	358
Supervisors	71	584	58	599	13	(¹)
Truck drivers	2,252	445	2,182	449	70	331
Drivers—sales workers	140	479	134	485	6	(¹)
Bus drivers	264	403	168	441	96	368
Taxicab drivers and chauffeurs	107	311	97	319	10	(¹)
Transportation occupations, except motor vehicles	162	715	158	721	7	(¹)
Rail transportation	106	722	101	734	5	(¹)
Water transportation occupations	57	875	55	878	2	(¹)
Material moving equipment operators	897	440	855	448	41	(¹)
Operating engineers	174	503	172	505	3	(¹)
Crane and tower operators	80	544	79	550	1	(¹)
Excavating and loading machine operators	76	437	78	436	-	-
Grader, dozer, and scraper operators	70	423	69	420	1	(¹)
Industrial truck and tractor equipment operators	410	390	361	394	29	(¹)
Handlers, equipment cleaners, helpers, and laborers	3,313	312	2,762	319	551	286
Helpers, construction and extractive occupations	106	293	105	292	1	(¹)
Helpers, construction trades	97	290	96	289	1	(¹)
Construction laborers	522	379	509	378	13	(¹)
Freight, stock, and material handlers	1,110	307	913	316	197	276
Stock handlers and baggers	472	271	348	277	125	256
Machine feeders and offbearers	64	313	42	(¹)	22	(¹)
Garage and service station related occupations	137	246	131	246	6	(¹)
Vehicle washers and equipment cleaners	167	268	142	264	25	(¹)
Hand packers and packagers	268	278	121	279	146	277
Laborers, except construction	923	321	767	331	156	296
Farming, forestry, and fishing	1,340	269	1,182	274	158	242
Other agricultural and related occupations	1,203	263	1,053	267	150	240
Farm occupations, except managerial	578	248	508	251	71	233
Farm workers	526	246	467	246	59	232
Related agricultural occupations	624	277	545	283	80	247
Supervisors, related agricultural	56	401	55	401	1	(¹)
Groundskeepers and gardeners, except farm	478	273	458	273	19	(¹)
Animal caretakers, except farm	50	271	18	(¹)	31	(¹)
Forestry and logging occupations	72	356	69	363	3	(¹)
Timber cutting and logging	53	359	53	359	-	-

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

**HOUSEHOLD DATA
ANNUAL AVERAGES**

57. Employed wage and salary workers by age, sex, race, Hispanic origin, full- or part-time status, and union affiliation

(Numbers in thousands)

Age, sex, race, Hispanic origin, and full- or part-time status	1992					1993				
	Total em- ployed	Members of unions ¹		Represented by unions ²		Total em- ployed	Members of unions ¹		Represented by unions ²	
		Total	Percent of em- ployed	Total	Percent of em- ployed		Total	Percent of em- ployed	Total	Percent of em- ployed
SEX AND AGE										
Total, 16 years and over	103,688	16,390	15.8	18,540	17.9	105,067	16,598	15.8	18,646	17.7
16 to 24 years	17,046	982	5.8	1,176	6.9	17,193	1,010	5.9	1,165	6.8
25 years and over	86,642	15,408	17.8	17,364	20.0	87,874	15,588	17.7	17,481	19.9
25 to 34 years	29,870	3,970	13.3	4,549	15.2	29,479	3,838	13.0	4,384	14.9
35 to 44 years	27,524	5,282	19.2	5,933	21.6	28,144	5,301	18.8	5,932	21.1
45 to 54 years	17,834	4,056	22.7	4,549	25.5	18,885	4,364	23.1	4,856	25.7
55 to 64 years	9,092	1,891	20.8	2,090	23.0	9,064	1,887	20.8	2,080	23.0
65 years and over	2,322	210	9.0	244	10.5	2,303	199	8.6	229	10.0
Men, 16 years and over	54,135	10,113	18.7	11,128	20.6	54,776	10,083	18.4	11,039	20.2
16 to 24 years	8,797	612	7.0	710	8.1	8,869	620	7.0	699	7.9
25 years and over	45,338	9,501	21.0	10,418	23.0	45,906	9,463	20.6	10,340	22.5
25 to 34 years	16,082	2,554	15.9	2,825	17.6	15,960	2,407	15.1	2,674	16.8
35 to 44 years	14,234	3,158	22.2	3,445	24.2	14,548	3,149	21.6	3,422	23.5
45 to 54 years	9,069	2,476	27.3	2,714	29.9	9,571	2,596	27.1	2,828	29.5
55 to 64 years	4,767	1,201	25.2	1,304	27.4	4,685	1,203	25.7	1,291	27.6
65 years and over	1,186	112	9.5	129	10.9	1,142	108	9.4	125	11.0
Women, 16 years and over	49,554	6,277	12.7	7,412	15.0	50,292	6,515	13.0	7,607	15.1
16 to 24 years	8,250	370	4.5	466	5.6	8,324	390	4.7	466	5.6
25 years and over	41,304	5,907	14.3	6,946	16.8	41,968	6,125	14.6	7,141	17.0
25 to 34 years	13,789	1,416	10.3	1,724	12.5	13,518	1,430	10.6	1,710	12.7
35 to 44 years	13,290	2,124	16.0	2,487	18.7	13,595	2,152	15.8	2,510	18.5
45 to 54 years	8,765	1,580	18.0	1,835	20.9	9,314	1,767	19.0	2,028	21.8
55 to 64 years	4,325	689	15.9	786	18.2	4,379	684	15.6	789	18.0
65 years and over	1,135	98	8.6	114	10.1	1,161	91	7.8	104	9.0
RACE, HISPANIC ORIGIN, AND SEX										
White, 16 years and over	88,624	13,416	15.1	15,148	17.1	89,643	13,612	15.2	15,262	17.0
Men	46,732	8,516	18.2	9,349	20.0	47,186	8,495	18.0	9,277	19.7
Women	41,892	4,900	11.7	5,799	13.8	42,458	5,117	12.1	5,985	14.1
Black, 16 years and over	11,416	2,433	21.3	2,763	24.2	11,612	2,435	21.0	2,772	23.9
Men	5,480	1,309	23.9	1,448	26.4	5,588	1,298	23.2	1,444	25.8
Women	5,936	1,125	19.0	1,315	22.1	6,024	1,137	18.9	1,328	22.0
Hispanic origin, 16 years and over	8,341	1,244	14.9	1,415	17.0	8,575	1,291	15.1	1,427	16.6
Men	4,954	834	16.8	926	18.7	5,085	826	16.3	891	17.5
Women	3,386	410	12.1	490	14.5	3,490	465	13.3	536	15.4
FULL- OR PART-TIME STATUS³										
Full-time workers	84,143	14,975	17.8	16,886	20.1	85,211	15,171	17.8	16,999	19.9
Part-time workers	19,545	1,415	7.2	1,654	8.5	19,856	1,427	7.2	1,647	8.3

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.

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.

58. Employed wage and salary workers by occupation, industry, and union affiliation

(Numbers in thousands)

Occupation and industry	1992					1993				
	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	26,275	3,824	14.6	4,687	17.8	27,168	4,051	14.9	4,897	18.0
Executive, administrative, and managerial	12,008	723	6.0	984	8.2	12,453	775	6.2	1,021	8.2
Professional specialty	14,267	3,101	21.7	3,703	26.0	14,715	3,276	22.3	3,877	26.3
Technical, sales, and administrative support	33,445	3,482	10.4	4,052	12.1	33,429	3,478	10.4	4,054	12.1
Technicians and related support	4,147	511	12.3	589	14.2	3,951	451	11.4	526	13.3
Sales occupations	11,263	562	5.0	639	5.7	11,442	536	4.7	621	5.4
Administrative support, including clerical	18,035	2,388	13.2	2,824	15.7	18,036	2,491	13.8	2,907	16.1
Service occupations	14,898	2,071	13.9	2,322	15.6	15,371	2,127	13.8	2,355	15.3
Protective service	2,009	801	38.7	878	42.4	2,178	873	40.1	937	43.0
Service, except protective service	12,830	1,270	9.9	1,444	11.3	13,193	1,254	9.5	1,418	10.7
Precision production, craft and repair	11,038	2,768	25.1	2,958	26.8	11,024	2,825	25.6	2,997	27.2
Operators, fabricators, and laborers	16,206	4,174	25.8	4,418	27.3	16,316	4,027	24.7	4,243	26.0
Machine operators, assemblers, and inspectors	7,273	1,928	26.5	2,033	28.0	7,265	1,819	25.0	1,909	26.3
Transportation and material moving occupations	4,464	1,228	27.5	1,301	29.1	4,552	1,220	26.8	1,291	28.4
Handlers, equipment cleaners, helpers, and laborers	4,470	1,019	22.8	1,084	24.3	4,498	988	22.0	1,043	23.2
Farming, forestry, and fishing	1,825	92	5.0	104	5.7	1,759	90	5.1	100	5.7
INDUSTRY										
Agricultural wage and salary workers	1,505	37	2.4	42	2.8	1,472	24	1.6	31	2.1
Private nonagricultural wage and salary workers	84,039	9,703	11.5	10,660	12.7	84,978	9,557	11.2	10,453	12.3
Mining	620	94	15.1	100	16.1	643	103	16.0	113	17.6
Construction	4,530	906	20.0	955	21.1	4,638	929	20.0	973	21.0
Manufacturing	19,076	3,749	19.7	4,005	21.0	18,710	3,592	19.2	3,806	20.3
Durable goods	10,945	2,329	21.3	2,487	22.7	10,790	2,228	20.7	2,362	21.9
Nondurable goods	8,131	1,420	17.5	1,518	18.7	7,920	1,364	17.2	1,444	18.2
Transportation and public utilities	6,233	1,922	30.8	2,052	32.9	6,313	1,924	30.5	2,052	32.5
Transportation	3,506	1,015	29.0	1,061	30.3	3,650	1,048	28.7	1,104	30.2
Communications and public utilities	2,727	906	33.2	991	36.3	2,663	876	32.9	948	35.6
Wholesale and retail trade	21,347	1,402	6.6	1,542	7.2	21,655	1,367	6.3	1,502	6.9
Wholesale trade	4,128	279	6.8	310	7.5	3,896	268	6.9	303	7.8
Retail trade	17,219	1,123	6.5	1,232	7.2	17,759	1,099	6.2	1,199	6.8
Finance, insurance, and real estate	6,658	144	2.2	196	2.9	6,783	131	1.9	177	2.6
Services	25,575	1,487	5.8	1,810	7.1	26,235	1,510	5.8	1,831	7.0
Government workers	18,144	6,650	36.7	7,838	43.2	18,618	7,018	37.7	8,162	43.8

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.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

59. Median weekly earnings of full-time wage and salary workers by age, sex, race, Hispanic origin, and union affiliation

Age, sex, race, and Hispanic origin	1992				1993			
	Total	Members of unions ¹	Represented by unions ²	Non-union	Total	Members of unions ¹	Represented by unions ²	Non-union
SEX AND AGE								
Total, 16 years and over	\$445	\$547	\$541	\$413	\$463	\$575	\$569	\$426
16 to 24 years	277	352	346	272	283	377	366	277
25 years and over	480	559	554	450	493	585	581	468
25 to 34 years	424	506	499	410	439	520	514	420
35 to 44 years	504	576	572	484	519	595	593	499
45 to 54 years	523	601	601	496	543	622	620	507
55 to 64 years	483	552	549	447	492	576	573	462
65 years and over	378	495	493	354	394	467	462	381
Men, 16 years and over	505	589	586	480	514	608	606	490
16 to 24 years	285	374	367	279	289	393	383	283
25 years and over	539	597	596	515	559	617	616	524
25 to 34 years	470	535	528	449	478	555	549	459
35 to 44 years	584	609	608	570	598	623	623	586
45 to 54 years	636	636	638	633	656	670	671	641
55 to 64 years	578	597	598	557	586	610	612	564
65 years and over	421	571	557	400	453	529	524	434
Women, 16 years and over	381	484	481	361	395	504	500	374
16 to 24 years	267	319	322	263	274	344	340	270
25 years and over	400	491	489	383	416	511	508	396
25 to 34 years	383	451	445	374	396	481	474	383
35 to 44 years	419	504	503	399	437	526	524	412
45 to 54 years	417	519	518	391	441	540	537	407
55 to 64 years	376	461	460	355	396	482	480	372
65 years and over	328	409	419	310	335	400	399	316
RACE, HISPANIC ORIGIN, AND SEX								
White, 16 years and over	462	568	562	426	478	589	585	444
Men	518	601	599	495	531	619	618	505
Women	388	496	492	370	403	514	510	382
Black, 16 years and over	357	468	464	322	370	490	485	330
Men	380	498	494	338	392	514	510	345
Women	336	423	422	311	349	454	447	320
Hispanic origin, 16 years and over	324	481	472	303	335	481	478	311
Men	345	511	504	313	352	511	509	318
Women	303	397	394	289	314	413	415	297

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.

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

Occupation and industry	1992				1993			
	Total	Members of unions ¹	Represented by unions ²	Non-union	Total	Members of unions ¹	Represented by unions ²	Non-union
OCCUPATION								
Managerial and professional specialty	\$655	\$661	\$655	\$655	\$675	\$696	\$688	\$670
Executive, administrative, and managerial	650	673	672	648	664	710	710	658
Professional specialty	659	658	651	664	682	693	683	681
Technical, sales, and administrative support	407	500	494	394	419	509	501	408
Technicians and related support	508	586	584	498	528	620	619	517
Sales occupations	432	466	466	428	457	463	466	456
Administrative support, including clerical	381	493	485	363	392	502	492	374
Service occupations	283	444	433	256	293	478	467	265
Protective service	486	614	608	385	511	634	628	404
Service, except protective service	259	358	351	244	267	377	369	253
Precision production, craft and repair	491	621	616	438	501	642	637	453
Operators, fabricators, and laborers	357	496	491	314	365	501	497	321
Machine operators, assemblers, and inspectors	343	473	466	307	348	479	476	314
Transportation and material moving occupations	427	576	566	381	447	588	581	398
Handlers, equipment cleaners, helpers, and laborers	308	469	461	281	312	472	465	284
Farming, forestry, and fishing	263	397	391	257	269	436	413	264
INDUSTRY								
Agricultural wage and salary workers	271	(³)	(³)	269	277	(³)	(³)	277
Private nonagricultural wage and salary workers	424	\$525	\$520	409	441	\$544	\$538	420
Mining	604	600	588	609	645	631	631	657
Construction	478	698	691	417	482	692	689	425
Manufacturing	458	503	500	440	466	505	505	448
Durable goods	486	517	515	474	493	524	523	480
Nondurable goods	411	471	466	398	419	473	471	407
Transportation and public utilities	554	615	612	510	570	640	631	516
Transportation	506	622	618	453	512	632	624	472
Communications and public utilities	615	608	605	624	631	647	638	625
Wholesale and retail trade	342	439	429	333	356	465	459	347
Wholesale trade	450	484	480	446	474	492	496	471
Retail trade	310	418	411	304	320	451	439	314
Finance, insurance, and real estate	472	469	475	472	490	484	481	490
Services	406	443	444	403	420	482	478	416
Government workers	518	579	575	479	547	602	596	498

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.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

61. Absences from work of employed full-time wage and salary workers by age, sex, marital status, and presence and age of children

(Numbers in thousands)

Age, sex, marital status, and presence and age of youngest child	1993						
	Total employed	Absence rate ¹			Lost worktime rate ²		
		Total	Illness	Other reasons	Total	Illness	Other reasons
Total, 16 years and over	85,211	4.9	2.7	2.2	2.8	1.6	1.2
16 to 19 years	1,544	6.0	2.3	3.6	2.6	1.0	1.6
20 to 24 years	8,337	5.4	2.8	2.6	2.7	1.5	1.2
25 years and over	75,331	4.8	2.7	2.2	2.8	1.6	1.2
25 to 54 years	66,993	4.7	2.6	2.2	2.8	1.5	1.2
55 years and over	8,338	5.6	3.4	2.2	3.5	2.3	1.2
Men, 16 years and over	48,384	3.8	2.2	1.7	2.3	1.4	.9
16 to 19 years	904	5.4	2.4	2.9	2.2	1.0	1.3
20 to 24 years	4,651	4.3	2.2	2.0	2.1	1.2	.9
25 years and over	42,828	3.8	2.2	1.6	2.3	1.4	.9
25 to 54 years	38,057	3.6	2.0	1.5	2.2	1.3	.9
55 years and over	4,771	5.2	3.2	2.0	3.4	2.2	1.2
Married men, spouse present ³	31,663	3.7	2.1	1.6	2.2	1.4	.9
With no children under 18 years	12,948	4.0	2.4	1.7	2.6	1.6	.9
Youngest child, 6 to 17 years	9,423	3.3	1.9	1.4	2.1	1.3	.8
Youngest child, under 6 years	9,292	3.5	1.9	1.6	1.9	1.1	.8
All other men ³	16,721	4.1	2.3	1.8	2.4	1.4	1.0
With no children under 18 years	15,732	4.1	2.4	1.8	2.4	1.4	1.0
Youngest child, 6 to 17 years	586	3.5	1.8	1.7	2.5	1.3	1.2
Youngest child, under 6 years	404	5.1	2.0	3.2	3.0	1.2	1.8
Women, 16 years and over	36,827	6.4	3.3	3.0	3.6	1.9	1.6
16 to 19 years	639	6.8	2.2	4.6	3.1	1.0	2.1
20 to 24 years	3,685	6.8	3.4	3.4	3.5	1.9	1.6
25 years and over	32,503	6.3	3.3	3.0	3.6	1.9	1.6
25 to 54 years	28,937	6.3	3.3	3.0	3.6	1.9	1.7
55 years and over	3,566	6.2	3.8	2.4	3.6	2.4	1.2
Married women, spouse present ³	20,112	6.7	3.2	3.5	3.9	1.8	2.0
With no children under 18 years	9,999	5.7	3.3	2.4	3.2	1.9	1.3
Youngest child, 6 to 17 years	5,999	5.6	2.9	2.7	2.9	1.6	1.3
Youngest child, under 6 years	4,115	10.7	3.5	7.2	7.0	2.0	5.0
All other women ³	16,715	5.9	3.4	2.5	3.2	2.0	1.1
With no children under 18 years	13,280	5.6	3.4	2.2	3.1	2.0	1.0
Youngest child, 6 to 17 years	2,373	5.9	3.3	2.6	3.0	1.9	1.1
Youngest child, under 6 years	1,062	9.7	4.1	5.6	5.0	2.2	2.8

¹ Absences refer to work missed due to illnesses or other personal reasons. Excluded is work missed due to vacation, holiday, labor-management dispute, or bad weather resulting in an employer temporarily curtailing business activity. The absence rate is the ratio of workers with absences to total full-time employment. To be counted as having had an absence, a person who usually works 35 hours or more

per week must have been at work fewer than 35 hours or have not been at work at all during the survey reference week.

² Hours absent as a percent of total hours usually worked.

³ Because of differences in definitions, estimates by marital status in this table are somewhat different from family relationship estimates shown in other tables for full-time wage and salary workers.

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

(Numbers in thousands)

Occupation and industry	1993						
	Total employed	Absence rate ¹			Lost worktime rate ²		
		Total	Illness	Other reasons	Total	Illness	Other reasons
OCCUPATION							
Managerial and professional specialty	24,090	4.0	1.8	2.2	2.2	1.0	1.2
Executive, administrative, and managerial	11,742	3.4	1.7	1.7	1.8	.9	.9
Professional specialty	12,348	4.6	1.9	2.7	2.6	1.0	1.5
Technical, sales, and administrative support	25,894	5.1	2.8	2.3	2.7	1.5	1.2
Technicians and related support	3,360	6.1	3.3	2.8	3.4	1.6	1.7
Sales occupations	8,063	4.0	2.1	1.9	2.1	1.2	.9
Administrative support, including clerical	14,472	5.5	3.1	2.4	2.9	1.7	1.3
Service occupations	9,379	6.2	3.3	2.9	3.6	2.2	1.4
Precision production, craft and repair	10,490	4.5	2.8	1.7	3.0	1.9	1.1
Operators, fabricators, and laborers	14,019	5.6	3.4	2.2	3.5	2.3	1.2
Farming, forestry, and fishing	1,340	4.8	2.2	2.6	3.0	1.5	1.5
INDUSTRY							
Agricultural wage and salary workers	1,144	4.7	2.2	2.5	2.8	1.4	1.4
Private nonagricultural wage and salary workers	68,365	4.8	2.6	2.2	2.8	1.6	1.2
Mining	629	6.1	2.7	3.4	5.9	2.0	3.8
Construction	4,194	4.4	2.2	2.3	2.9	1.5	1.3
Manufacturing	17,844	4.8	3.1	1.7	2.8	1.9	.9
Durable goods	10,465	4.5	3.1	1.4	2.6	1.9	.7
Nondurable goods	7,378	5.2	3.1	2.1	3.0	1.9	1.1
Transportation and public utilities	5,721	5.0	2.8	2.2	3.4	1.9	1.4
Transportation	3,153	5.5	2.8	2.7	3.8	2.0	1.7
Communications and other public utilities	2,568	4.4	2.8	1.6	2.9	1.8	1.0
Wholesale and retail trade	14,592	4.6	2.3	2.2	2.4	1.4	1.0
Wholesale trade	3,596	3.6	1.9	1.8	2.0	1.1	1.0
Retail trade	10,996	4.9	2.5	2.4	2.5	1.5	1.0
Finance, insurance, and real estate	5,968	4.4	2.4	2.0	2.5	1.4	1.1
Services	19,416	5.0	2.5	2.5	2.8	1.4	1.3
Government workers	15,702	5.5	2.9	2.6	3.1	1.6	1.5

¹ Absences refer to work missed due to illnesses or other personal reasons. Excluded is work missed due to vacation, holiday, labor-management dispute, or bad weather resulting in an employer temporarily curtailing business activity. The absence rate is the ratio of workers with absences to total full-time employment. To be counted as

having had an absence, a person who usually works 35 hours or more per week must have been at work fewer than 35 hours or have not been at work at all during the survey reference week.

² Hours absent as a percent of total hours usually worked.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Employment status, sex, age, race, and Hispanic origin	Total United States		Metropolitan areas					
	1992	1993	Total		Central cities		Suburbs	
			1992	1993	1992	1993	1992	1993
TOTAL								
Civilian noninstitutional population	191,576	193,550	149,120	150,551	57,741	57,763	91,376	92,788
Civilian labor force	126,982	128,040	100,058	100,777	37,523	37,260	62,536	63,517
Percent of population	66.3	66.2	67.1	66.9	65.0	64.5	66.4	66.5
Employed	117,598	119,306	92,595	93,826	34,195	34,216	58,400	59,609
Unemployed	9,384	6,734	7,463	6,951	3,327	3,044	4,135	3,907
Unemployment rate	7.4	6.8	7.5	6.9	8.9	8.2	6.6	6.2
Not in labor force	64,593	65,509	49,061	49,774	20,219	20,502	28,842	29,271
Men, 20 years and over								
Civilian noninstitutional population	84,891	85,907	66,051	66,853	25,126	25,291	40,925	41,561
Civilian labor force	65,638	66,069	51,697	52,041	19,187	19,098	32,510	32,943
Percent of population	77.3	76.9	78.3	77.6	76.4	75.5	79.4	79.3
Employed	61,019	61,865	48,005	48,652	17,543	17,586	30,462	31,066
Unemployed	4,619	4,204	3,691	3,390	1,643	1,512	2,048	1,877
Unemployment rate	7.0	6.4	7.1	6.5	8.6	7.9	6.3	5.7
Not in labor force	19,253	19,838	14,354	14,811	5,940	6,193	8,414	8,618
Women, 20 years and over								
Civilian noninstitutional population	93,524	94,388	73,072	73,661	28,753	28,694	44,319	44,967
Civilian labor force	54,594	55,148	43,281	43,621	16,511	16,401	26,769	27,219
Percent of population	58.4	58.4	59.2	59.2	57.4	57.2	60.4	60.5
Employed	51,181	51,912	40,549	41,062	15,273	15,292	25,275	25,770
Unemployed	3,413	3,234	2,732	2,558	1,238	1,109	1,494	1,449
Unemployment rate	8.3	5.9	6.3	5.9	7.5	6.8	5.6	5.3
Not in labor force	38,930	39,242	29,791	30,040	12,242	12,292	17,549	17,748
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,161	13,255	9,997	10,037	3,862	3,777	6,135	6,260
Civilian labor force	6,751	6,826	5,081	5,115	1,825	1,761	3,256	3,355
Percent of population	51.3	51.5	50.8	51.0	47.2	46.6	53.1	53.6
Employed	5,398	5,530	4,041	4,112	1,379	1,338	2,662	2,774
Unemployed	1,352	1,296	1,040	1,003	446	422	594	581
Unemployment rate	20.0	19.0	20.5	19.6	24.4	24.0	18.2	17.3
Not in labor force	6,411	6,429	4,916	4,922	2,038	2,017	2,879	2,905
White								
Civilian noninstitutional population	162,658	163,921	124,506	125,213	42,515	42,202	81,991	83,011
Civilian labor force	108,526	109,359	84,171	84,635	28,130	27,866	56,041	56,769
Percent of population	66.7	66.7	67.6	67.6	66.2	66.0	66.3	66.4
Employed	101,479	102,812	78,721	79,574	26,111	26,039	52,610	53,534
Unemployed	7,047	6,547	5,450	5,061	2,019	1,826	3,431	3,235
Unemployment rate	6.5	6.0	6.5	6.0	7.2	6.6	6.1	5.7
Not in labor force	54,132	54,562	40,335	40,578	14,385	14,336	25,950	26,241
Black								
Civilian noninstitutional population	21,958	22,329	18,479	18,932	12,249	12,462	6,230	6,470
Civilian labor force	13,891	13,943	11,826	11,942	7,459	7,436	4,367	4,506
Percent of population	63.3	62.4	64.0	63.1	60.9	59.7	70.1	69.7
Employed	11,933	12,146	10,138	10,391	6,309	6,394	3,829	3,997
Unemployed	1,958	1,796	1,689	1,551	1,150	1,042	538	509
Unemployment rate	14.1	12.9	14.3	13.0	15.4	14.0	12.3	11.3
Not in labor force	8,067	8,386	6,652	6,990	4,790	5,026	1,863	1,964
Hispanic origin								
Civilian noninstitutional population	15,244	15,753	14,177	14,585	7,914	8,105	6,263	6,461
Civilian labor force	10,131	10,377	9,438	9,632	5,101	5,133	4,337	4,500
Percent of population	66.5	65.9	66.6	66.0	64.5	63.3	69.3	69.4
Employed	8,971	9,272	8,363	8,598	4,500	4,564	3,863	4,034
Unemployed	1,160	1,104	1,076	1,034	601	569	475	465
Unemployment rate	11.4	10.6	11.4	10.7	11.8	11.1	10.9	10.3
Not in labor force	5,113	5,377	4,739	4,953	2,813	2,972	1,925	1,961

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

(Numbers in thousands)

Employment status, sex, age, race, and Hispanic origin	Nonmetropolitan areas		Urban areas		Rural areas	
	1992	1993	1992	1993	1992	1993
TOTAL						
Civilian noninstitutional population	42,456	42,999	139,350	140,380	52,225	53,170
Civilian labor force	26,924	27,263	92,564	92,943	34,418	35,097
Percent of population	63.4	63.4	66.4	66.2	65.9	66.0
Employed	25,003	25,480	85,410	86,278	32,188	33,028
Unemployed	1,922	1,782	7,154	6,665	2,230	2,069
Unemployment rate	7.1	6.5	7.7	7.2	6.5	5.9
Not in labor force	15,532	15,738	46,786	47,437	17,807	18,073
Men, 20 years and over						
Civilian noninstitutional population	18,840	19,054	61,024	61,668	23,867	24,219
Civilian labor force	13,941	14,027	47,334	47,531	18,303	18,537
Percent of population	74.0	73.8	77.6	77.1	76.7	76.5
Employed	13,014	13,213	43,837	44,311	17,182	17,553
Unemployed	927	814	3,497	3,220	1,122	984
Unemployment rate	6.7	5.8	7.4	6.8	6.1	5.3
Not in labor force	4,899	5,027	13,669	14,157	5,563	5,681
Women, 20 years and over						
Civilian noninstitutional population	20,452	20,727	66,940	69,364	24,584	25,024
Civilian labor force	11,313	11,525	40,450	40,677	14,144	14,469
Percent of population	55.3	55.6	58.7	58.6	57.5	57.8
Employed	10,632	10,850	37,802	38,185	13,378	13,727
Unemployed	681	676	2,648	2,492	766	742
Unemployment rate	6.0	5.9	6.5	6.1	5.4	5.1
Not in labor force	9,139	9,202	28,490	28,688	10,440	10,556
Both sexes, 16 to 19 years						
Civilian noninstitutional population	3,164	3,218	9,386	9,328	3,775	3,927
Civilian labor force	1,670	1,711	4,779	4,734	1,971	2,091
Percent of population	52.8	53.2	50.9	50.8	52.2	53.3
Employed	1,357	1,418	3,770	3,781	1,628	1,748
Unemployed	313	293	1,009	953	343	343
Unemployment rate	18.7	17.1	21.1	20.1	17.4	16.4
Not in labor force	1,494	1,507	4,607	4,594	1,804	1,835
White						
Civilian noninstitutional population	38,152	38,706	114,330	114,611	48,327	49,310
Civilian labor force	24,358	24,724	76,527	76,618	31,999	32,741
Percent of population	63.8	63.9	66.9	66.9	66.2	66.4
Employed	22,758	23,239	71,449	71,902	30,030	30,910
Unemployed	1,597	1,485	5,078	4,715	1,969	1,831
Unemployment rate	6.6	6.0	6.8	6.2	6.2	5.6
Not in labor force	13,796	13,984	37,803	37,993	16,329	16,569
Black						
Civilian noninstitutional population	3,479	3,396	18,972	19,464	2,965	2,966
Civilian labor force	2,064	2,001	12,041	12,211	1,850	1,731
Percent of population	59.3	58.9	63.5	62.7	62.0	60.4
Employed	1,795	1,755	10,287	10,600	1,646	1,547
Unemployed	269	248	1,754	1,612	204	185
Unemployment rate	13.0	12.3	14.6	13.2	11.0	10.7
Not in labor force	1,415	1,397	6,932	7,252	1,135	1,134
Hispanic origin						
Civilian noninstitutional population	1,066	1,168	13,897	14,366	1,346	1,387
Civilian labor force	693	744	9,218	9,423	913	954
Percent of population	64.9	63.7	66.3	65.8	67.8	68.8
Employed	609	674	8,163	8,422	809	851
Unemployed	84	70	1,056	1,001	104	103
Unemployment rate	12.1	9.4	11.5	10.6	11.4	10.8
Not in labor force	374	424	4,679	4,943	433	433

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

on 1980 census designations and are not comparable to data published through the first quarter of 1984. Beginning with the first quarter of 1993 separate data are no longer available for farm and nonfarm areas.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Employment status, race, and Hispanic origin	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	1992	1993	1992	1993	1992	1993	1992	1993	1992	1993	1992	1993
TOTAL												
Civilian noninstitutional population	26,797	26,467	164,778	167,082	17,122	16,963	131,998	133,587	9,676	9,504	32,780	33,495
Civilian labor force	15,364	14,925	111,818	113,115	9,666	9,354	90,393	91,423	5,698	5,571	21,226	21,692
Percent of population	57.3	56.4	67.7	67.7	56.5	55.1	68.5	68.4	58.9	58.6	64.8	64.8
Employed	13,520	13,227	104,078	106,079	8,313	8,113	84,283	85,713	5,207	5,114	19,795	20,366
Unemployed	1,844	1,698	7,540	7,036	1,353	1,241	6,110	5,710	491	457	1,431	1,325
Unemployment rate	12.0	11.4	6.8	6.2	14.0	13.3	6.8	6.2	8.6	8.2	6.7	6.1
Men, 20 years and over	11.2	10.6	6.5	5.8	13.2	12.6	6.5	5.9	7.8	7.2	6.3	5.4
Women, 20 years and over	10.5	9.9	5.7	5.3	12.2	11.3	5.7	5.3	7.6	7.5	5.6	5.4
Both sexes, 16 to 19 years	30.5	28.8	18.4	17.5	34.7	33.1	18.7	18.0	23.4	21.8	17.5	16.0
Men	30.6	30.0	20.0	19.0	35.4	34.9	20.5	19.8	23.2	21.6	18.3	16.2
Women	30.3	27.5	16.7	16.0	33.9	30.8	16.7	16.1	23.7	22.2	16.7	15.7
Not in labor force	11,434	11,542	53,160	53,967	7,456	7,610	41,605	42,164	3,977	3,933	11,555	11,803
White												
Civilian noninstitutional population	16,441	16,173	146,217	147,748	9,119	8,990	115,387	116,222	7,323	7,183	30,829	31,525
Civilian labor force	9,727	9,477	98,799	99,882	5,334	5,183	78,837	79,452	4,393	4,294	19,963	20,430
Percent of population	59.2	58.6	67.6	67.6	58.5	57.6	68.3	68.4	60.0	59.8	64.8	64.8
Employed	8,836	8,632	92,643	94,180	4,761	4,632	73,960	74,941	4,075	4,000	18,683	19,238
Unemployed	891	845	6,156	5,702	573	551	4,877	4,511	318	294	1,279	1,191
Unemployment rate	9.2	8.9	6.2	5.7	10.7	10.6	6.2	5.7	7.2	6.8	6.4	5.8
Men, 20 years and over	8.7	8.3	6.0	5.4	10.3	10.0	6.0	5.4	6.7	6.3	6.0	5.2
Women, 20 years and over	7.9	7.9	5.2	4.9	9.4	9.2	5.2	4.8	6.2	6.3	5.3	5.1
Both sexes, 16 to 19 years	22.3	21.3	16.6	15.7	24.5	25.7	16.4	15.7	19.7	15.8	16.9	15.4
Men	22.3	23.8	18.0	16.9	25.6	29.3	18.1	17.3	18.7	16.2	17.6	15.9
Women	22.2	18.1	15.0	14.3	23.3	20.5	14.6	14.1	20.9	15.4	16.2	14.7
Not in labor force	6,714	6,696	47,417	47,866	3,785	3,808	36,551	36,770	2,930	2,888	10,867	11,096
Black												
Civilian noninstitutional population	9,312	9,154	12,645	13,175	7,253	7,143	11,226	11,788	2,059	2,011	1,419	1,387
Civilian labor force	5,053	4,812	8,837	9,131	3,912	3,705	7,915	8,236	1,142	1,107	922	894
Percent of population	54.3	52.6	69.9	69.3	53.9	51.9	70.5	69.9	55.4	55.0	65.0	64.5
Employed	4,172	4,044	7,761	8,102	3,181	3,079	6,956	7,312	991	965	805	790
Unemployed	882	768	1,076	1,029	730	627	958	924	151	141	118	105
Unemployment rate	17.4	16.0	12.2	11.3	18.7	16.9	12.1	11.2	13.2	12.8	12.8	11.7
Men, 20 years and over	16.7	15.5	11.5	10.4	18.3	16.9	11.4	10.5	11.4	10.6	12.9	9.4
Women, 20 years and over	14.6	13.0	10.0	9.3	15.4	13.6	10.0	9.1	12.1	10.9	10.5	11.3
Both sexes, 16 to 19 years	45.2	43.0	36.4	36.4	47.5	43.8	37.0	36.9	37.1	40.7	31.0	32.1
Men	44.4	42.9	40.4	38.5	47.1	44.2	40.6	40.0	36.5	39.1	(¹)	(¹)
Women	46.2	43.1	32.1	33.8	48.0	43.3	33.1	33.1	(¹)	42.5	(¹)	(¹)
Not in labor force	4,259	4,342	3,808	4,044	3,341	3,438	3,311	3,552	918	904	497	493
Hispanic origin												
Civilian noninstitutional population	4,503	4,562	10,741	11,191	4,141	4,176	10,037	10,410	362	387	704	781
Civilian labor force	2,566	2,574	7,565	7,803	2,349	2,350	7,090	7,283	218	224	475	520
Percent of population	57.0	56.4	70.4	69.7	56.7	56.3	70.6	70.0	60.1	58.0	67.4	66.6
Employed	2,218	2,222	6,754	7,051	2,028	2,024	6,335	6,574	189	198	419	477
Unemployed	349	352	811	752	320	326	755	709	28	27	56	43
Unemployment rate	13.6	13.7	10.7	9.6	13.6	13.9	10.7	9.7	13.0	11.9	11.7	8.3
Men, 20 years and over	12.2	12.3	9.8	8.4	12.3	12.2	9.7	8.6	10.6	12.4	10.0	6.7
Women, 20 years and over	12.9	12.7	9.3	9.0	12.9	13.0	9.3	9.0	13.2	10.0	9.9	8.6
Both sexes, 16 to 19 years	27.0	29.3	27.7	24.9	26.3	30.3	27.2	25.2	(¹)	(¹)	33.2	21.5
Men	26.6	31.3	28.9	23.7	25.9	32.3	28.3	24.3	(¹)	(¹)	(¹)	(¹)
Women	27.5	25.9	26.0	26.5	26.9	26.8	25.7	26.4	(¹)	(¹)	(¹)	(¹)
Not in labor force	1,937	1,988	3,176	3,388	1,792	1,826	2,947	3,127	144	162	229	261

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

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

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

**ESTABLISHMENT DATA
EMPLOYMENT
ANNUAL AVERAGES**

65. Employees on nonfarm payrolls by major industry and manufacturing group

(In thousands)

Industry	1990	1991	1992	1993 ^P
Total	109,419	108,256	108,519	110,171
Total private	91,115	89,854	89,866	91,330
Goods-producing	24,905	23,745	23,142	22,974
Mining ¹	709	689	631	599
Oil and gas extraction	394.7	392.9	350.3	343.3
Construction ¹	5,120	4,650	4,471	4,573
General building contractors	1,298.0	1,140.4	1,063.8	1,060.5
Manufacturing	19,076	18,406	18,040	17,802
Durable goods	11,109	10,569	10,237	10,047
Lumber and wood products	733.3	675.2	674.4	685.3
Furniture and fixtures	505.8	474.7	476.1	480.5
Stone, clay, and glass products	556.2	521.5	512.0	512.4
Primary metal industries	756.2	722.6	693.4	676.2
Blast furnaces and basic steel products	276.2	262.7	250.1	238.3
Fabricated metal products	1,419.0	1,355.1	1,322.3	1,311.1
Industrial machinery and equipment Electronic and other electrical equipment	2,094.6	1,999.6	1,922.4	1,899.5
Transportation equipment	1,673.4	1,591.1	1,525.7	1,513.6
Motor vehicles and equipment	1,988.9	1,890.0	1,822.2	1,726.6
Aircraft and parts	812.1	788.8	808.7	820.2
Instruments and related products	712.3	669.2	611.3	540.4
Miscellaneous manufacturing	1,005.9	974.0	924.6	880.8
Nondurable goods	7,968	7,837	7,804	7,755
Food and kindred products	1,660.5	1,666.9	1,654.8	1,650.2
Tobacco products	49.1	49.0	48.8	46.8
Textile mill products	691.4	670.0	671.4	666.0
Apparel and other textile products	1,036.2	1,006.0	1,005.0	977.4
Paper and allied products	696.7	687.9	687.3	680.1
Printing and publishing	1,569.4	1,535.6	1,503.8	1,504.1
Chemicals and allied products	1,086.1	1,075.9	1,082.7	1,073.5
Petroleum and coal products	157.4	160.0	158.9	155.3
Rubber and misc. plastics products	887.6	861.9	871.9	885.6
Leather and leather products	133.1	123.7	119.4	115.8
Service-producing	84,514	84,511	85,377	87,197
Transportation and public utilities	5,793	5,762	5,709	5,710
Transportation	3,527	3,502	3,486	3,512
Trucking and warehousing	1,624.7	1,606.0	1,605.9	1,629.8
Transportation by air	745.1	732.7	729.0	733.2
Communications and public utilities	2,266	2,260	2,222	2,198
Wholesale trade	6,173	6,081	6,045	6,114
Durable goods	3,614	3,531	3,469	3,492
Nondurable goods	2,559	2,550	2,576	2,622
Retail trade ¹	19,601	19,284	19,346	19,734
General merchandise stores	2,540.0	2,452.8	2,422.2	2,369.0
Food stores	3,215.0	3,203.7	3,179.5	3,210.1
Automotive dealers and service stations	2,063.1	1,983.8	1,973.9	2,034.9
Apparel and accessory stores	1,183.4	1,150.6	1,131.0	1,140.1
Eating and drinking places	6,509.1	6,476.3	6,601.7	6,861.0

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
ANNUAL AVERAGES**

65. Employees on nonfarm payrolls by major industry and manufacturing group—Continued

(In thousands)

Industry	1990	1991	1992	1993 ^p
Finance, insurance, and real estate	6,709	6,646	6,571	6,605
Finance	3,268	3,187	3,157	3,213
Depository institutions	2,250.5	2,164.2	2,103.3	2,115.5
Insurance	2,126	2,161	2,132	2,112
Real estate	1,315	1,299	1,282	1,280
Services¹	27,934	28,336	29,053	30,193
Agricultural services	490.1	486.5	488.5	513.9
Hotels and other lodging places	1,631.1	1,589.4	1,572.0	1,578.1
Personal services	1,103.5	1,111.5	1,111.4	1,108.8
Business services	5,139.3	5,086.2	5,312.6	5,749.3
Personnel supply services	1,534.5	1,484.5	1,648.6	1,977.5
Auto repair, services, and parking	913.7	881.8	877.9	927.5
Miscellaneous repair services	374.4	341.0	344.9	355.2
Motion pictures	407.7	410.9	404.4	420.4
Amusement and recreation services	1,076.0	1,122.2	1,169.4	1,181.3
Health services	7,814.3	8,182.9	8,523.3	8,871.2
Hospitals	3,548.7	3,655.1	3,759.8	3,816.6
Legal services	907.7	911.9	915.2	929.9
Educational services	1,660.7	1,709.7	1,699.5	1,747.5
Social services	1,734.2	1,844.8	1,958.0	2,068.1
Museums and botanical and zoological gardens	66.2	69.1	72.9	76.0
Membership organizations	1,945.5	1,981.9	1,950.2	1,959.6
Engineering and management services	2,477.6	2,433.4	2,469.4	2,522.0
Government	18,304	18,402	18,653	18,841
Federal	3,085	2,966	2,969	2,914
State	4,305	4,355	4,403	4,467
Local	10,914	11,081	11,281	11,460

¹ Includes other industries, not shown separately.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from

March 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1992 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
ANNUAL AVERAGES**

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

(In thousands)

Industry	1990	1991	1992	1993 ^P
Total private	73,800	72,650	72,866	74,344
Goods-producing	17,429	16,472	16,103	16,089
Mining	509	489	445	423
Construction	3,974	3,549	3,417	3,524
Manufacturing	12,947	12,434	12,241	12,142
Durable goods	7,363	6,967	6,793	6,726
Lumber and wood products	603.2	552.5	553.4	564.0
Furniture and fixtures	399.5	372.6	375.4	379.5
Stone, clay, and glass products	432.1	402.5	395.3	395.0
Primary metal industries	573.9	544.8	524.3	514.9
Blast furnaces and basic steel products	211.9	199.6	188.7	181.6
Fabricated metal products	1,044.5	991.0	970.1	967.7
Industrial machinery and equipment	1,260.1	1,193.2	1,147.9	1,149.9
Electronic and other electrical equipment	1,054.6	999.0	969.2	967.1
Transportation equipment	1,223.6	1,169.2	1,141.2	1,098.4
Motor vehicles and equipment	617.1	601.5	619.0	629.3
Instruments and related products	499.1	479.4	454.5	430.3
Miscellaneous manufacturing	272.3	262.9	261.5	258.8
Nondurable goods	5,584	5,467	5,448	5,416
Food and kindred products	1,193.8	1,205.2	1,205.7	1,204.2
Tobacco products	36.3	36.3	36.7	35.1
Textile mill products	592.9	574.1	574.8	566.9
Apparel and other textile products	868.5	841.1	842.0	819.1
Paper and allied products	522.3	517.4	517.7	513.4
Printing and publishing	871.2	847.0	831.2	830.0
Chemicals and allied products	599.6	579.7	566.5	568.1
Petroleum and coal products	102.9	103.4	104.1	101.8
Rubber and misc. plastics products	686.9	662.0	672.6	684.8
Leather and leather products	109.4	100.2	96.6	92.8
Service-producing	56,371	56,178	56,763	58,256
Transportation and public utilities	4,807	4,792	4,769	4,782
Wholesale trade	4,959	4,872	4,856	4,930
Retail trade	17,358	17,006	17,036	17,377
Finance, insurance, and real estate	4,860	4,795	4,750	4,799
Services	24,387	24,712	25,352	26,369

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 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1992 forward are subject to revision.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
ANNUAL AVERAGES**

67. 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			
	1990	1991	1992	1993 ^p	1990	1991	1992	1993 ^p	1990	1991	1992	1993 ^p
Total private	34.5	34.3	34.4	34.5	\$10.01	\$10.32	\$10.58	\$10.83	\$345.35	\$353.98	\$363.95	\$373.64
Mining	44.1	44.4	43.9	44.3	13.68	14.19	14.54	14.60	603.29	630.04	638.31	646.78
Construction	38.2	38.1	38.0	38.4	13.77	14.00	14.15	14.35	526.01	533.40	537.70	551.04
Manufacturing	40.8	40.7	41.0	41.4	10.83	11.18	11.46	11.76	441.86	455.03	469.86	486.86
<i>Overtime hours</i>	3.8	3.6	3.8	4.1	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Durable goods	41.3	41.1	41.5	42.1	\$11.35	\$11.75	\$12.02	\$12.34	\$468.76	\$482.93	\$498.83	\$519.51
<i>Overtime hours</i>	3.7	3.5	3.7	4.3	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Lumber and wood products	40.2	40.0	40.6	40.8	\$9.08	\$9.24	\$9.44	\$9.60	\$365.02	\$369.60	\$383.26	\$391.68
Furniture and fixtures	39.1	38.9	39.7	40.1	8.52	8.78	9.01	9.27	333.13	340.76	357.70	371.73
Stone, clay, and glass products	42.0	41.7	42.2	42.7	11.12	11.38	11.60	11.85	467.04	473.71	489.52	506.00
Primary metal industries	42.7	42.2	43.0	43.7	12.92	13.33	13.66	14.00	551.68	562.53	587.38	611.80
Blast furnaces and basic steel products	43.4	42.7	43.5	44.1	14.82	15.36	15.88	16.40	643.19	655.87	690.78	723.24
Fabricated metal products	41.3	41.2	41.6	42.0	10.83	11.19	11.43	11.70	447.28	461.03	475.49	491.40
Industrial machinery and equipment	41.9	41.7	42.2	42.9	11.77	12.15	12.41	12.73	493.16	506.66	523.70	546.12
Electronic and other electrical equipment	40.8	40.7	41.2	41.7	10.30	10.70	10.99	11.23	420.24	435.49	452.79	468.29
Transportation equipment	42.0	41.9	41.8	43.0	14.08	14.75	15.22	15.83	591.36	618.03	636.20	680.89
Motor vehicles and equipment	42.4	42.3	42.4	44.3	14.56	15.23	15.46	16.12	617.34	644.23	655.50	714.12
Instruments and related products	41.1	41.0	41.1	41.1	11.29	11.64	11.90	12.26	464.02	477.24	489.09	503.89
Miscellaneous manufacturing	39.5	39.7	39.9	39.8	8.61	8.85	9.15	9.37	340.10	351.35	365.09	372.93
Nondurable goods	40.0	40.2	40.4	40.6	10.12	10.44	10.74	11.00	404.80	419.69	433.90	446.60
<i>Overtime hours</i>	3.6	3.7	3.8	4.0	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Food and kindred products	40.8	40.6	40.6	40.7	\$9.62	\$9.90	\$10.19	\$10.43	\$392.50	\$401.94	\$413.71	\$424.50
Tobacco products	39.2	39.1	38.6	37.5	16.23	16.77	16.99	17.06	638.22	655.71	655.81	639.75
Textile mill products	39.9	40.6	41.1	41.4	8.02	8.30	8.60	8.89	320.00	336.98	353.46	368.05
Apparel and other textile products	36.4	37.0	37.2	37.2	6.57	6.77	6.95	7.10	239.15	250.49	258.54	264.12
Paper and allied products	43.3	43.3	43.6	43.8	12.31	12.72	13.07	13.42	533.02	550.78	569.85	585.11
Printing and publishing	37.9	37.7	38.0	38.3	11.24	11.48	11.74	11.94	426.00	432.80	446.12	457.30
Chemicals and allied products	42.6	42.9	43.1	43.2	13.54	14.04	14.51	14.84	576.80	602.32	625.38	641.09
Petroleum and coal products	44.6	44.1	43.8	44.2	16.24	17.04	17.91	18.57	724.30	751.46	784.46	820.79
Rubber and misc. plastics products	41.1	41.1	41.7	41.8	9.76	10.07	10.37	10.60	401.14	413.88	432.43	443.08
Leather and leather products	37.4	37.5	38.0	38.6	6.91	7.18	7.42	7.62	258.43	269.25	281.96	294.13
Transportation and public utilities	38.9	38.7	38.9	39.6	12.97	13.22	13.46	13.65	504.53	511.61	523.59	540.54
Wholesale trade	38.1	38.1	38.2	38.2	10.79	11.15	11.39	11.71	411.10	424.82	435.10	447.32
Retail trade	28.8	28.6	28.8	28.8	6.75	6.94	7.13	7.29	194.40	198.48	205.34	209.95
Finance, insurance, and real estate	35.8	35.7	35.8	35.7	9.97	10.39	10.82	11.32	356.93	370.92	387.36	404.12
Services	32.5	32.4	32.5	32.5	9.83	10.23	10.55	10.81	319.48	331.45	342.88	351.33

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 1992 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1992 forward are subject to revision.

Explanatory Notes

Introduction

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

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

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The 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 currently based on payroll reports from a sample of over 370,000 establishments employing over 45 million nonfarm wage and salary workers. The data relate to all workers, full or part time, who receive pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

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

Data from these two sources differ from each other because of differences in definitions and coverage, 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 series follow.

Employment

Coverage. The household survey definition of employment covers 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 survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonfarm establishments.

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

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

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

Hours of work

The household survey measures hours actually worked, whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours

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

Earnings

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

COMPARABILITY OF HOUSEHOLD DATA WITH OTHER SERIES

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

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

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

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

COMPARABILITY OF PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

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

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

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

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population; the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force; and related data are compiled for BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. Historical national data through 1987 are published in *Labor Force Statistics Derived From the Current Population Survey*, BLS Bulletin 2307.

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

Inmates of institutions and persons under 16 years of age are not covered in the regular monthly enumerations, and they are excluded from the population and labor force statistics shown in this publication. Data on the members of the Armed Forces stationed in the United States, who are included as part of the special categories "noninstitutional population," "labor force," and "total employment," are obtained from the Department of Defense. (See tables A-1, A-2, A-32, and A-42.)

Each month about 60,000 occupied units are eligible for interview. About 2,600 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 results in a noninterview rate for the survey of between 4 and 5 percent. In addition to the 60,000 occupied units, there are 11,500 sample units in an average month which are visited but found to be vacant or otherwise not enumerated. Part of the sample is changed each month. The rotation plan, as 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 used since 1967 are as follows:

Employed persons are (a) all civilians who, during the survey week, did any work at all as paid employees, in their own business, profession, or on their own farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family; and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management disputes, or personal reasons, whether they were paid for the time off or were seeking other jobs.

Each employed person is counted only once, even if he or she holds more than one job. Multiple jobholders are counted in the job at which they worked the greatest number of hours during the survey week.

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

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

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

Unemployment is also categorized according to the status of individuals at the time they began to look for work. The reasons for unemployment are divided into four major groups. (1) *Job losers* are persons whose employment ended involuntarily who immediately began looking for work, and persons on layoff. (2) *Job leavers* are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) *Reentrants* are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor

force prior to beginning to look for work. (4) *Newentrants* are persons who never worked at a full-time job lasting 2 weeks or longer. Each of these four categories of the unemployed may be expressed as an unemployment rate or proportion of the entire civilian labor force; the sum of the four rates thus equals the unemployment rate for all civilian workers.

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

The *civilian labor force* comprises all civilians classified as employed or unemployed in accordance with the criteria described above.

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

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

Employment-population ratios represent the proportion of the population that is employed. The *civilian employment-population ratio* is the percentage of all employed civilians in the civilian noninstitutional population.

Not in the labor force includes all persons 16 years and over who are not classified as employed or unemployed. These persons are further classified as engaged in own-home housework, in school, unable to work because of long-term physical or mental illness, retired, or other. The "other" group includes individuals reported as too old or temporarily unable to work, the voluntarily idle, seasonal workers for whom the survey week fell in an off season and who were not reported as looking for work, and persons who did not look for work because they believed that no jobs were available in the area or that no jobs were available for which they could qualify—discouraged workers. Persons doing only incidental, unpaid family work (less than 15 hours in the specified week) are also classified as not in the labor force.

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

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time job lasting 2 weeks or more. The classifications of occupations and industries used in data derived from the CPS are defined as in the 1990 census. Information on the detailed categories included in these groups is available upon request.

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

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

Persons who worked 35 hours or more during the survey week are designated as working *full time*. Persons who worked between 1 and 34 hours are designated as working *part time*. Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or noneconomic reasons). Economic reasons include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. Noneconomic reasons include: Labor dispute, bad weather, own illness, vacation, demands of home or

school, no desire for full-time work, and full-time worker only during peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

Data on employment "at work" differ from data on total employment because they exclude persons in the zero-hours-worked category, "with a job but not at work." These are persons who were absent from their jobs for the entire week for such reasons as bad weather, vacation, illness, or involvement in a labor dispute.

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

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

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

White, black, and other are terms used to describe the race of workers. Included in the "other" group are American Indians, Alaskan Natives, and Asians and Pacific Islanders. All tables in this publication which contain racial data, with the exception of A-5 and its annual counterpart, present data for the black population group. Because

of their relatively small sample size, data for "other" races are not published. In the enumeration process, race is determined by the household respondent.

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

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

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

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

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

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

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

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-

couple families but relates only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by birth, marriage, or adoption; all such persons are considered as members of one family even though they may include a related subfamily, that is, a married couple or a parent-child group related by birth or marriage to the householder and sharing the living quarters. The count of families used in this publication excludes unrelated subfamilies such as lodgers, guests, or resident employees living in a household but not related to the householder. Families are classified either as married-couple families or as families maintained by women or men without spouses. A family maintained by a woman or a man is one in which the householder is either single, widowed, divorced, or married, spouse absent. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family are either self-employed or in the Armed Forces.

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

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

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

HISTORICAL COMPARABILITY

Change in lower age limit

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

Noncomparability of labor force levels

In addition to the changes introduced in 1967, there are several other periods of noncomparability in the labor force data:

- 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.
- Starting 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.
- Commencing in 1972, information from the 1970 census was introduced into the estimation procedures, increasing the population by about 800,000; labor force and employment totals were raised by a little more than 300,000; and unemployment levels and rates were essentially unchanged.
- A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment, which affected the white and black-and-other groups but had little effect on totals, resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black-and-other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black-and-other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.
- Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitu-

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

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

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

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

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

- Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The purpose of the change and an indication of its effect on national estimates of labor force characteris-

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

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

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

- Starting in January 1986, the population controls used in the second-stage ratio adjustment methodology were revised to reflect an explicit estimate of the number of undocumented immigrants (largely Hispanic) since 1980 and an improved estimate of the number of emigrants among legal foreign-born residents for the same time period. As a result, the total civilian population and labor force estimates were raised by nearly 400,000; civilian employment was increased by about 350,000. The Hispanic-origin population and labor force estimates were raised by about 425,000 and 305,000, respectively, and employment by 270,000. Overall and subgroup unemployment levels and rates were not significantly affected. Because of the mag-

nitude 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, and race cells. This change had virtually no effect on national estimates.

Changes in the occupational and industrial classification system

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

Starting 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), and this new system differed so radically 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" taken from the "clerical workers" group 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 adminis-

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

Beginning in January 1992, the occupational and industrial classification systems used in the 1990 census were introduced into the CPS. 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 industrial classification system used in the 1990 census is based on the 1987 Standard Industrial Classification system. The most notable changes from the 1980 system 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. The number of sample areas and the number of sample persons are also increased occasionally. Most of these changes are made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates. When Alaska and Hawaii received statehood, 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 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.

The 1980 census-based sample design includes about 72,000 housing units per month located in 729 selected geographic areas called primary sampling units (PSU's). The sample was initially selected so that specific reliability criteria were met nationally, for each of the 50 States, for the District of Columbia, and for the sub-State areas of New York City and the Los Angeles-Long Beach metropolitan area. Since 1985, these reliability criteria have been

maintained through periodic additions and deletions in the State samples. The criteria, given below, are based on the coefficient of variation (CV) of the unemployment rate, 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 in the denominator of this formula to establish a consistent specification of sampling error.

Nationally, a 1.8-percent CV is maintained on the monthly unemployment rate estimate. This means that a change of 0.2 percentage point in the unemployment rate is significant at a 90-percent confidence level.

In 11 States—California, Florida, Illinois, Massachusetts, Michigan, New Jersey, New York, North Carolina, Ohio, Pennsylvania, and Texas—the most populous States at the time of the 1980 decennial census, an 8-percent CV is maintained on the monthly unemployment rate estimate. In the other 39 States and the District of Columbia, an 8-percent CV is maintained on the annual unemployment rate estimate. In New York City and the Los Angeles-Long Beach metropolitan area, a 9-percent CV is maintained on the monthly unemployment rate.

In the first stage of sampling, the 729 sample areas are chosen. In the second stage, ultimate sampling unit clusters composed of about four housing units each are selected. Each month, about 72,000 housing units are assigned for data collection, of which about 60,000 are occupied and thus eligible for interview. The remainder are units found to be destroyed, vacant, converted to nonresidential use, containing persons whose usual place of residence is elsewhere, or ineligible for other reasons. Of the 60,000 housing units, 4 to 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 113,000 persons 16 years of age and older.

Selection of sample areas. The entire area of the United States, consisting of 3,137 counties and independent cities, is divided into 1,973 primary sampling 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 where the geographic area of the sample county is very 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 to make the PSU sufficiently compact so that, with a small sample spread throughout, it can be efficiently canvassed without undue travel cost.

The 1,973 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. There are 314 PSU's in strata by themselves that are self-representing, and generally these are the most populated PSU's in each State. The remaining strata are formed by combining PSU's that are similar in such characteristics as population growth; proportions of blacks and of Hispanics (in certain States); and population distribution by occupation, industry, age, and sex. The PSU's, randomly selected from these strata are non-self-representing because each one chosen represents the entire stratum. The probability of selecting a particular PSU in a non-self-representing stratum is proportional to its 1980 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 essentially State based, the sampling ratio differs by State and depends on the reliability requirements for estimates for each State. The State sampling ratios range roughly from 1 in every 200 households to 1 in every 2,500 households in each stratum of the State. 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 with a State sampling ratio of 1 in 2,500, the within-PSU sampling ratio that results is 1 in 250, thereby achieving the desired ratio of 1 in 2,500 for the stratum.

Within each designated PSU, several steps are involved in selecting the housing units to be enumerated. First, the 1980 census enumeration districts (ED's), which are administrative units and contain on the average about 300 housing units, are ordered so that the sample would reflect the demographic and residential characteristics of the PSU. Within each ED, the housing units are sorted geographically and are grouped into clusters of approximately four housing units. Next, a systematic sample of these clusters of housing units is selected.

The identification of the sample housing units within an ED is made wherever possible from the list of ED addresses compiled during the 1980 census. The address lists are used in about three-fourths of the ED's, primarily in urban areas. Area sampling is applied in the remaining ED's, mostly in rural areas. In ED's where address lists are used, automated methods are used to form clusters of geographically contiguous housing units. An effort is made to have all small, multi-unit addresses (two to four housing units) included in the same cluster. The methods use the within-PSU sampling ratio to identify appropriate clusters for the sample. Supplemental samples are also prepared to

account for addresses in isolated geographic areas and to account for housing units not found on the address lists, including housing units newly constructed in the PSU since the census date. The addresses of these units are obtained mainly from records of building permits.

In those enumeration districts where area sampling methods are used, mainly rural areas, the ED's are subdivided into small land "chunks" with well-defined boundaries and having, in general, an expected "size" of about 8 to 12 housing units or other living quarters. For each subdivided ED, one chunk (or more) is designated for the sample. When a selected chunk contains about four households, for example, all units are included in the sample. When the size of the chunk is several times four units, an interviewer does not conduct interviews at all housing units in the chunk but uses a systematic sampling pattern to obtain approximately four households. The remaining housing units in the chunk are then available for further samples. Area ED's also make use of building permit lists to identify newly constructed housing units.

Rotation of sample. Part of the sample is changed each month. For each sample, eight representative subsamples or rotation groups are identified. 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 any 1 month, one-eighth of the rotation groups are in their first month of enumeration, another eighth is in their second month, and so on. Under this system, 75 percent of the sample segments are common from month to month and 50 percent from year to year. This procedure, which was introduced in 1953, provides a substantial amount of month-to-month and year-to-year overlap in the sample, thus reducing discontinuities in the series of data without burdening any specific group of households with an unduly long period of inquiry.

Table 1-A provides a description of some aspects of the CPS sample design 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 1980 census-based sample appears in "Redesign of the Sample for the Current Population Survey," in the May 1984 issue of *Employment and Earnings*.

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, almost all sample persons within the same State have the same probability of selection (with the exception of New York and California, where the cities of New York and Los Angeles are sampled at a higher probability). These selection probabilities are then adjusted for noninterviews; ratio adjustments are made to known population controls; and composite the estimation procedure is applied.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was 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 4 to 5 percent, depending on weather, vacation, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole in such characteristics as age, race, sex, and residence. 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 estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 729 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure reduces the portion of the variance that results from requiring sample PSU's in a State to represent nonsampled PSU's in the same State and is not applied to self-representing PSU's. The adjustment is made at the State level for each of the 43 States which contains nonsample areas by race cells of black and nonblack. The procedure corrects for differences that existed in each cell at the time of the 1980 census between the race distribution of the population in sample PSU's and the known race distribution of the State.

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

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

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

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

b. *Second-stage ratio estimate.* In this stage, the sample proportions of persons in specific categories are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio adjustment, which further reduces variability of the estimates and corrects to some extent for CPS undercoverage relative to the decennial census, is carried out in three steps.

In the first step, the sample estimates are adjusted within each State and the District of Columbia to independent controls for the population 16 years and over. These controls are an arithmetic extrapolation of the trend in the growth of this population segment using the two most recent July 1 estimates, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports, Series P-25*. For a description of the methodology used in developing the State total, see Report 957 of that series. A description of the age estimates methodology is available in Report 1010 of that series.

The second step involves an adjustment by Hispanic origin to a national estimate for 14 Hispanic and 5 non-Hispanic age-sex categories. These Hispanic controls are prepared by carrying forward the 1980 census count for Hispanics by adding estimated Hispanic births and immigrants and subtracting estimated Hispanic deaths and emigrants to yield an estimate of the Hispanic population by age and sex. Prior to January 1985, there was no separate control for Hispanics in the second-stage ratio procedure.

In the third step, a national adjustment is made by the race categories of white, black, and other races to indepen-

dent estimates by age and sex. The white and black categories contain 66 and 42 age-sex groups respectively; the other races category has 10 age-sex cells. The entire second-stage adjustment procedure is iterated six times, each time beginning at the weights developed the previous time. This ensures that the sample estimates of the population for both State and national age-sex-race-origin categories will be virtually equal to the independent population control totals.

The "inflation-deflation" method is used in the preparation of the independent national controls used for the age-sex-race groups in the third step of the second-stage estimation procedure. It had been discontinued during the period from January 1982 to December 1984. In January 1985, this method was reintroduced into the CPS estimation procedure. With "the inflation-deflation" method, the independent controls are prepared by inflating the 1980 census counts to include estimated undercounts by age, sex, and race, thus aging this population forward to each subsequent month and later age by adding births and net migration, and subtracting deaths. These postcensal population estimates are then deflated to reflect the pattern of net undercount in the most recent census by age, sex, and race. Because an estimate of undercount is first added and then subtracted, the size of each race-sex group is unaffected by the "inflation-deflation" method. Similarly, the final estimate is affected only by the age structure of the undercount, but not the level. This feature of the method is important because the exact amount of undercount in the 1980 census remains unknown.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulations of vital statistics for the resident population made by the National Center

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

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

3. *Composite estimate procedure.* 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. The unemployment estimates for these persons are 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.

Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent

rounding of totals and components to the nearest thousand. Similarly, sums of percent distributions may not always equal 100 percent because of rounding. Differences, however, are insignificant.

Reliability of the estimates

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

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

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

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

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Compared to the level of the decennial census, undercoverage is about 6 percent. It is known that the CPS undercoverage

varies with age, sex, race, and Hispanic origin. Generally, undercoverage is larger for men than for women, and larger for blacks, Hispanics, and other races combined than for whites. Ratio estimation to independent age-sex-race-origin population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race-origin group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

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

Sampling error. 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.

Because 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 sampling errors and some kinds of non-sampling 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 1991. For years prior to 1967, the standard errors obtained must be further adjusted to reflect the CPS sample size in effect at that time. For years prior to 1956, standard errors should be multiplied by 1.5; for the years 1956 through 1966, standard errors should be multiplied by 1.22.

Tables 1-B through 1-H are provided so that approximate standard errors of estimates can be easily obtained. 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, because the formulas provide more accurate results than linear interpolation.

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.

Table 1-B. Standard errors for major employment status categories

(In thousands)

Industry	Monthly level	Consecutive-month change
Total, 16 years and over:		
Civilian labor force	260	191
Employed	281	213
Unemployed	144	157
Men, 20 years and over:		
Civilian labor force	165	140
Employed	183	154
Unemployed	106	120
Women, 20 years and over:		
Civilian labor force	196	148
Employed	201	154
Unemployed	88	101
Both sexes, 16 to 19 years:		
Civilian labor force	83	82
Employed	80	80
Unemployed	52	68
Black, 16 years and over:		
Civilian labor force	121	88
Employed	123	93
Unemployed	65	74
Men, 20 years and over:		
Civilian labor force	67	59
Employed	72	64
Unemployed	46	54
Women, 20 years and over:		
Civilian labor force	85	64
Employed	84	65
Unemployed	43	50
Both sexes, 16 to 19 years:		
Civilian labor force	33	34
Employed	28	29
Unemployed	25	29
Hispanic origin, 16 years and over:		
Civilian labor force	97	68
Employed	102	81
Unemployed	52	61

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.

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 196,000 is given in table 1-B in the row, "total, women 20 years and over: civilian labor force." A 90-percent confidence interval as shown by these data, would then be the interval from 53,686,000 to 54,314,000. 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 unemployment and agricultural employment, 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 240,000, and the standard error corresponding to 120,000,000 is given as 206,000. 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.

$$206,000 + \left(\frac{120,000,000 - 116,150,000}{120,000,000 - 100,000,000} \right) (240,000 - 206,000) = 213,000$$

Thus, a 90-percent confidence interval for the true month-to-month change would be approximately the interval from 759,000 to 1,441,000.

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

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

Characteristic	Monthly level	Consecutive-month change
Total, 16 years and over . . .	0.11	.14
Men, 16 years and over . . . . .	.16	.19
Men, 20 years and over . . . . .	.16	.19
Women, 16 years and over . . . . .	.16	.19
Women, 20 years and over . . . . .	.16	.19
Both sexes, 16 to 19 years . . . . .	.78	1.03
White workers . . . . .	.12	.14
Black workers . . . . .	.48	.56
Hispanic-origin workers . . . . .	.50	.60
Married men, spouse present . . .	.17	.20
Married women, spouse present . .	.18	.22
Women who maintain families . . .	.55	.65
Occupation		
Executive, administrative, and managerial . . . . .	.23	.27
Professional specialty . . . . .	.18	.22
Technicians and related support . . . . .	.40	.47
Sales . . . . .	.30	.36
Administrative support, including clerical . . . . .	.26	.31
Private household	1.44	1.71
Protective service . . . . .	.86	1.02
Service, except private household and protective service . . . . .	.36	.43
Precision production, craft, and repair . . . . .	.38	.45
Machine operators, assemblers, and inspectors . . . . .	.53	.64
Transportation and material moving . . . . .	.58	.69
Handlers, equipment cleaners, helpers, and laborers . . . . .	.80	.96
Farming, forestry, and fishing . .	.66	.78
Industry		
Nonagricultural private wage and salary workers . . . . .	.14	.16
Goods-producing industries . . . .	.28	.33
Mining	1.59	1.89
Construction . . . . .	.76	.91
Manufacturing . . . . .	.29	.34
Durable goods . . . . .	.37	.45
Nondurable goods . . . . .	.45	.54
Service-producing industries . . . .	.15	.18
Transportation, communications, and public utilities . . . . .	.42	.50
Wholesale and retail trade . . . . .	.27	.33
Finance and services . . . . .	.19	.23
Government workers . . . . .	.20	.24
Agricultural wage and salary workers	1.08	1.29

errors, these tables provide parameters to be used with the formulas given below that allow the user to calculate standard errors.

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 1 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, because 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 this table 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.

$$a = -0.000015749 \quad b = 2464.91$$

$$s_x = \sqrt{(-0.000015749)(6,000,000)^2 + (2464.91)(6,000,000)} = 119,000$$

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.

$$s_x = \sqrt{(-0.000082123)(6,100,000)^2 + (3494.11)(6,100,000)} = 135,000$$

An approximate 90-percent confidence interval for the true month-to-month change would be the interval from -16,000 to 416,000. 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

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	11	11	11	11	12	11	11	11	12	12
100	16	16	16	16	16	16	16	16	17	17
500	38	36	35	36	36	35	35	36	38	38
1,000	57	50	49	49	51	50	50	50	52	52
2,000	88	69	70	67	71	70	70	69	71	71
4,000	145		98	86	96	99	98	93	93	93
6,000	200		119	94		120	120	108	102	102
8,000	253		137	93		138	137	117	104	104
10,000	307		152	84		153	152	122	97	97
15,000			183			184	183	117		
20,000			207			209	207	84		
30,000						246	243			
40,000						273	267			
50,000						293	284			
60,000						306	294			
70,000						313	297			
80,000						316	295			
100,000						306	272			
120,000						275	216			
140,000										
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	13	11	13	13	14	9	9	9	10	9
100	18	15	19	19	19	13	13	13	14	12
500	39	34	42	41	43	29	29	30	32	27
1,000	53	48	58	57	60	41	41	41	44	37
2,000	71	66	82	76	82	57	57	57	60	50
4,000	85		113	92	107	81	81	76	77	65
6,000	82		134	91		98	98	87	84	72
8,000	58		151	72		112	112	93	84	73
10,000			163			125	125	95	76	68
15,000			184			150	150	82		
20,000			192			170	170			
30,000						200	200			
40,000						222	222			
50,000						237	237			
60,000						246	246			
70,000						251	251			
80,000						252	252			
100,000						240	240			
120,000						206	206			
140,000										
160,000										
180,000						138	138			

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

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	-0.000015503	2488.36
Men ¹	-.000028833	2300.61
Women	-.000025830	2111.70
Both sexes, 16 to 19 years	-.000149802	2039.69
White ¹	-.000017494	2488.36
Men	-.000032295	2300.61
Women	-.000029346	2111.70
Both sexes, 16 to 19 years	-.000177579	2039.69
Black	-.000113103	2613.14
Men	-.000273973	2458.39
Women	-.000164107	2181.67
Both sexes, 16 to 19 years:	-.001144754	2390.62
Hispanic origin	-.000199918	2945.94
Not in labor force, total or white, excluding women and 16-to 19-year-olds .....	.000005200	690.84
Agricultural employment:		
Total or white .....	.000685688	2541.14
Men .....	.000755044	2351.42
Women or both sexes, 16 to 19 years	-.000021749	2155.45
Black	-.000121753	2626.04
Hispanic origin:		
Total or women .....	.011486158	2189.09
Men or both sexes, 16 to 19 years .....	.015153395	1268.58
Unemployment:		
Total or white	-.000015749	2464.91
Black	-.000191460	2621.89
Hispanic origin	-.000098631	2704.53

¹ Excludes not-in-labor-force data.

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 $b = 2111.70$ 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:

$$s_{y,p} = \sqrt{\frac{2111.70}{5,600,000} (32) (100 - 32)} = 0.9 \text{ percent}$$

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 $b = 2245.76$ 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.

$$s_{y,p} = \sqrt{\frac{2245.76}{5,650,000} (33) (100 - 33)} = 0.9 \text{ percent}$$

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

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	-0.00010944	1668.04
High correlation characteristics ¹	-0.00008144	1304.38
Low correlation characteristics ¹	-0.00014170	2126.02
Men:		
Most characteristics	-0.00019884	1599.03
High correlation characteristics	-0.00014794	1249.33
Low correlation characteristics	-0.000051372	2221.13
Women:		
Most characteristics	-0.00018554	1410.58
Low correlation characteristics	-0.000052252	2245.76
Both sexes, 16 to 19 years	-0.000162663	2097.34
Black:		
Most characteristics	-0.000089327	1787.47
Low correlation characteristics	-0.001740338	5422.14
Men:		
Most characteristics	-0.000212603	1912.52
Low correlation characteristics	-0.002613218	4889.94
Women:		
Most characteristics	-0.000140597	1539.24
Low correlation characteristics	-0.002078353	4483.53
Both sexes, 16 to 19 years	-0.001139392	2538.37
Hispanic origin:		
Total	-0.000152279	2098.10
Civilian labor force and not in labor force	-0.000099676	1459.85
Low correlation characteristics	-0.002541911	6518.78
Men, civilian labor force and not in labor force	-0.000238849	1749.13
Men, 16 years and over; 20 years and over; and both sexes, 16 to 19 years	-0.000384132	2694.10
Women, 16 years and over and 20 years and over	-0.000330113	1972.12
Agricultural employment:		
Total or white:		
Total	-0.000346999	3199.19
Men	-0.000592136	3295.42
Women or both sexes, 16 to 19 years	0.000113873	1975.66
Black:		
Total or women	-0.000110444	2382.12
Men or both sexes, 16 to 19 years	-0.017331654	4929.50
Hispanic origin:		
Total or women	0.002782195	3509.38
Men or both sexes, 16 to 19 years	0.002777539	3001.45
Self-employed	-0.000215510	1743.43
Unemployment: ²		
Total or white:		
Total, men, women	-0.000082123	3494.11
Both sexes, 16 to 19 years and low correlation characteristics	-0.000062800	4269.23
Black:		
Total, men, women, and both sexes, 16 to 19 years	-0.000373894	3630.26
High correlation characteristics	0.000043481	2571.23
Hispanic origin:		
Total, men, women	-0.000244978	3822.03
Both sexes, 16 to 19 years and low correlation characteristics	-0.000965230	5321.96

¹ High correlation characteristics include employed full-time, manufacturing, and 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.

in monthly estimates. Table 1-H gives factors to be applied only to standard errors for monthly levels. 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, total”). Use the formula for s_x to compute an approximate standard error for a monthly estimate of 11,600,000.

$$a = -0.000113103 \quad b = 2613.14$$

$$s_x = \sqrt{(-0.000113103)(11,600,000)^2 + (2613.14)(11,600,000)} = 123,000$$

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 107,000 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. 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.

$$s_x = \sqrt{(-0.000113103)(11,400,000)^2 + (2613.14)(11,400,000)} = 123,000$$

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 103,000 on the estimated change of 400,000 from 1 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 (Tables B-1 through C-8)

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.) In 1992, this sample included over 370,000 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.

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-7). These indexes measure the dispersion among industries of the change in employment over the specified time span. Beginning with August 1990 data, the overall indexes are calculated from 356 seasonally adjusted employment series (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 figures for 1982. For basic industries, the hours aggregates are the product of average weekly hours and production worker or nonsupervisory worker employment. At all higher levels of industry aggregation, hours aggregates are the sum of the component aggregates.

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

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

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

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

Real earnings. 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 1,690 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 99 percent of in-scope private employment is covered by UI. A benchmark for the remaining 1 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 370,000 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 1,690 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 ba-

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 adjustment factors, which compensate for the underrepresentation of newly formed enterprises and other sources of bias in the sample.

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

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

sic 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 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 under estimation 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 using 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 mod-

eling 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 estimates, 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 made over the past 10 years. 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 1984 is listed as 140,000; this represents the average of bias adjustments made each month over the period April 1983 through May 1984. 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 one-month lag.

The sampling plan used in the establishment survey 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 variance 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 establishment 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 2D-2G.

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

Table 2-B. March employment benchmarks and bias adjustments for total private industries, March 1983-92

Year	Benchmark		Average monthly bias		Over-the-year employment change ⁵
	Employment ¹	Revision ²	Added ³	Required ⁴	
1983	72,043	-78	102	96	-1,327
1984	76,371	341	140	169	4,328
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

¹ Universe counts for March of each year used to make annual benchmark adjustments to the employment estimates. About 99 percent of the benchmark employment is from unemployment insurance administrative records, and the remaining 1 percent is from alternate sources. Data represent benchmark levels as originally computed; levels for 1983-90 were subsequently corrected.

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.

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 0.6 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 estimates; the larger the value, the further the estimate was from the final benchmark level.

An alternate measure for determining the reliability of the employment estimates for individual industries is the root-mean-square error. This measure is the standard deviation adjusted for the bias in the estimates:

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

If the bias is small, the chances are about 19 out of 20 that the difference would be less than twice the root mean square error.

Approximations of the root-mean-square errors of differences between final estimates and benchmarks are presented in table 2-E.

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 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.

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. The hours and

earnings estimates, however, are subject to sampling errors, which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table 2-F and for individual industries with the specified number of employees in table 2-E. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

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.

Table 2-C. Employment benchmarks and approximate coverage of BLS employment and payrolls sample, March 1992

Industry	Bench- marks (thousands)	Sample coverage ¹		
		Number of establish- ments	Employees	
			Number (thousands)	Percent of bench- marks
Total	107,300	308,646	41,726	39
Mining	634	3,723	276	44
Construction	4,117	25,786	831	20
Manufacturing	17,973	56,010	8,967	50
Transportation and public utilities	5,655	215,743	2,308	41
Wholesale trade	5,993	26,002	1,149	19
Retail trade	18,855	62,769	4,534	24
Finance, insurance, and real estate	6,534	22,709	2,122	32
Services	28,586	72,661	7,253	25
Government:				
Federal	2,974	(³)	2,974	100
State	4,494	5,586	3,656	81
Local	11,485	17,657	7,656	67

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. 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 5,623 reports covering about 60 percent of employment in Federal establishments.

Table 2-D. Current (March 1992) and historical benchmark revisions
(Numbers in thousands)

Industry	March 1992 benchmark revision		10-year average mean percent revision ¹	
	Level	Percent	Actual	Absolute
Total	-59	-0.1	-0.1	0.2
Total private	-130	-.1	-.2	.3
Goods-producing	-263	-1.2	-.7	.7
Mining	-5	-.8	-2.5	2.5
Oil and gas extraction	-4	-1.1	-2.7	2.9
Construction	-109	-2.6	-.5	1.4
General building contractors	-36	-3.6	-.5	2.0
Manufacturing	-149	-.8	-.6	.7
Durable goods	-101	-1.0	-.6	.7
Lumber and wood products	-12	-1.8	-1.2	1.4
Furniture and fixtures	9	1.9	-.3	.9
Stone, clay, and glass products	-6	-1.2	-.4	1.0
Primary metal industries	-11	-1.6	-.7	1.0
Blast furnaces and basic steel products	-3	-1.2	-.1	1.5
Fabricated metal products	-12	-.9	-.7	.9
Industrial machinery and equipment	-23	-1.2	-1.0	1.2
Electronic and other electrical equipment	-22	-1.4	-1.1	1.2
Transportation equipment	-4	-.2	.3	1.1
Motor vehicles and equipment	-1	-.1	.7	1.3
Instruments and related products	-19	-2.0	-.5	1.7
Miscellaneous manufacturing	-2	-.6	-1.2	1.3
Nondurable goods	-48	-.6	-.6	.7
Food and kindred products	-16	-1.0	-.8	1.0
Tobacco products	0	0	-.3	3.8
Textile mill products	-7	-1.0	-.4	.6
Apparel and other textile products	-13	-1.3	-1.0	1.3
Paper and allied products	-1	-.1	-.2	.5
Printing and publishing	-17	-1.1	-.3	.9
Chemicals and allied products	11	1.0	-.4	.8
Petroleum and coal products	4	2.5	-.1	1.5
Rubber and miscellaneous plastics products	-5	-.6	-.7	1.6
Leather and leather products	-4	-3.4	-2.3	3.6
Service-producing	204	.2	0	.3
Transportation and public utilities	-33	-.6	-.5	.6
Transportation	-33	-1.0	-.8	1.2
Communications and public utilities	0	0	-.1	.7
Wholesale trade	44	.7	-.4	1.0
Durable goods	22	.6	-.7	1.1
Nondurable goods	22	.9	.1	.8
Retail trade	164	.9	.3	.6
General merchandise stores	85	3.6	.7	1.9
Food stores	0	0	-.7	1.2
Auto dealers and service stations	-39	-2.0	-.5	1.3
Eating and drinking places	115	1.8	.8	1.3
Finance, insurance, and real estate	-100	-1.5	-.5	.6
Finance	-75	-2.4	-.7	.8
Insurance	-7	-.3	0	.8
Real estate	-18	-1.4	-.5	1.4
Services	58	.2	.1	.5
Business services	2	(²)	.3	1.6
Health services	20	.2	-.5	.9
Government	71	.4	.1	.3
Federal	0	0	0	0
State	27	.6	.4	.7
Local	44	.4	0	.4

¹ Data relate to the 1983-92 benchmarks, as originally published. Benchmark levels for 1982-90 were subsequently corrected.

² Less than 0.05 percent.

Table 2-E. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

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

¹ Assuming 12-month intervals between benchmark revisions.

² Relative errors relate to 1982 data.

Table 2-F. Relative errors for average weekly hours and average hourly earnings by industry

(In percent)

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

¹ Relative errors relate to 1982 data.

The interpretation of these measures is parallel to the description above for revisions between final sample-based estimates and benchmarks (i.e., tables 2-C and 2-E).

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-8, B-9, and C-8)

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	Mean percent revision	
		Actual	Absolute
Total	78,200	0.0	0.1
Total private	55,500	0	0
Goods-producing industries	17,900	0	.1
Mining	2,600	0	.3
Oil and gas extraction	2,300	.1	.4
Construction	10,800	.1	.2
General building contractors	4,600	.1	.2
Manufacturing	12,500	0	.1
Durable goods	9,300	0	.1
Lumber and wood products	1,500	0	.2
Furniture and fixtures	1,400	0	.2
Stone, clay, and glass products	1,300	0	.2
Primary metal industries	1,800	-.1	.2
Blast furnaces and basic steel products	1,400	-.2	.4
Fabricated metal products	2,200	0	.1
Industrial machinery and equipment	3,000	0	.1
Electronic and other electrical equipment	3,300	0	.1
Transportation equipment	4,500	-.1	.2
Motor vehicles and equipment	3,800	0	.4
Aircraft and parts ¹	1,600	-.1	.2
Instruments and related products	1,900	0	.2
Miscellaneous manufacturing	1,500	0	.3
Nondurable goods	7,000	0	.1
Food and kindred products	4,300	0	.2
Tobacco products	600	.2	1.0
Textile mill products	1,800	0	.2
Apparel and other textile products	2,800	0	.2
Paper and allied products	1,500	0	.2
Printing and publishing	1,800	0	.1
Chemicals and allied products	1,800	0	.1
Petroleum and coal products	800	-.1	.4
Rubber and misc. plastics products	1,700	0	.2
Leather and leather products	900	-.1	.6
Service-producing industries	71,700	0	.1
Transportation and public utilities	9,100	0	.1
Transportation	7,400	0	.2
Trucking and warehousing ¹	5,300	0	.2
Transportation by air ¹	2,400	-.1	.3
Communications and public utilities	4,400	-.1	.1
Wholesale trade	6,300	0	.1
Durable goods	4,000	0	.1
Nondurable goods	4,000	0	.1
Retail trade	27,500	0	.1
General merchandise stores	13,800	0	.4
Food stores	6,200	0	.2
Automotive dealers and service stations	4,400	0	.1
Apparel and accessory stores ¹	6,800	0	.4
Eating and drinking places	8,000	0	.1
Finance, insurance, and real estate	7,400	0	.1
Finance	4,800	0	.1
Depository institutions ¹	3,700	-.1	.1
Insurance	3,200	0	.1
Real estate	4,000	1	.2
Services	32,900	0	.1
Agricultural services ¹	2,900	0	.5
Hotels and other lodging places ¹	6,300	0	.3
Personal services ¹	9,800	-.1	.6
Business services	14,500	.1	.2
Personnel supply services ¹	10,400	.3	.5

Table 2-G. Errors of preliminary employment estimates—Continued

industry	Root-mean-square error of monthly level	Mean percent revision	
		Actual	Absolute
Service-producing industries—Continued			
Auto repair, services, and parking ¹	2,900	-.1	.2
Miscellaneous repair services ¹	1,500	-.1	.3
Motion pictures ¹	4,700	0	1.0
Amusement and recreation services ¹	14,500	.7	1.1
Health services	8,100	0	.1
Hospitals ¹	3,700	0	.1
Legal services ¹	1,700	-.1	.1
Educational services ¹	11,500	0	.5
Social services ¹	7,300	0	.3
Museums and botanical and zoological gardens ¹	700	-.4	.8
Membership organizations ¹	4,300	0	.2
Engineering and management services ¹	3,400	0	.1
Government	47,000	0	.2
Federal	15,100	.1	.4
State	19,100	0	.3
Local	30,000	0	.2

¹ Data based on differences from January 1990 through December 1992.

NOTE: Errors are based on differences from January 1988 through

December 1992. Data used in the computations for several industries are not strictly comparable due to changes in the industrial classification system, unless otherwise noted.

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

COLLECTION

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

CONCEPTS

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

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

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

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

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

Unit nonlabor payments include profits, capital consumption allowances, interest, rental income of persons,

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

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

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

NOTES ON THE DATA

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

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

Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics. Historical statistics for most productivity measures appear in *Trends in Multifactor Productivity, 1948-81*, BLS Bulletin 2178. Additional information may be obtained from the Office of Productivity and Technology (202-606-5606).

Regional, State, and Area Labor Force Data (Tables D-1 through D-3)

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 and Partnership Act, the Economic Dislocation and Worker Adjustment Assistance Act, and the Urban Development Action Grant program.

Annual average data for the States and areas shown in table D-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 2,600 labor market areas. The estimation methods are described below for States (and the District of Columbia) and for sub-State areas. A more detailed description of the estimation procedure is contained in the BLS document, *Manual for Developing Local Area Unemployment Statistics*.

Estimates for States

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

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

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

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

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

In both the employment and unemployment rate models, an important feature is the use of a technique that allows the equations to adjust automatically to structural changes that occur. The models are termed "variable coefficient models" because they include a built-in tuning mechanism, known as the Kalman Filter, which revises a model's coefficients when the new data that become available each month indicate that changes in the data relationships have taken place. Once the estimates are developed from the models, the unemployment level and labor force estimates are calculated.

Benchmark correction procedures. Once each year, monthly estimates for the 39 non-direct-use States and the District of Columbia are adjusted, or benchmarked, by

BLS to the annual average CPS estimates. The benchmarking technique employs a procedure (called the Denton method) which adjusts the annual average of the models to equal the CPS annual average, while preserving, as much as possible, the original monthly seasonal pattern of the model estimates.

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

Estimates for sub-State areas

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

Preliminary estimate—employment. The total civilian employment estimates are based on CES data. These “place-of-work” estimates must be adjusted to refer to place of residence as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for several categories of employment on the basis of employment relationships at the time of the 1980 decennial census. These factors are applied to the CES estimates for the current period to obtain adjusted employment esti-

mates, 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 three categories: (1) Persons who were previously employed in industries covered by State UI laws; (2) those previously employed in industries not covered by these laws; and (3) those who were entering the civilian labor force for the first time or reentering after a period of separation.

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

Benchmark correction. At the end of each year, sub-State estimates are revised. The revisions incorporate any changes in the inputs, such as revisions in the CES-based employment figures, corrections in claims counts, and updated historical relationships. The corrected estimates are then readjusted to add to the revised (benchmarked) State estimates of employment and unemployment.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting the statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, 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*.

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

At the beginning of each calendar year, projected seasonal adjustment factors are calculated for use during the January-June period. In July of each year, BLS calculates and publishes in *Employment and Earnings* projected seasonal adjustment factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years are made only at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (men and women under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. The seasonally adjusted figure for the labor force is a sum of eight seasonally adjusted civilian employment components, plus the resident Armed Forces total (not adjusted for seasonality), and four seasonally adjusted unemployment

components. The total for unemployment is the sum of the four unemployment components, and the overall unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the labor force. Because of the independent seasonal adjustment of various series, components will not necessarily add to totals.

In each January issue, *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. Revised seasonally adjusted data covering the revision period for a broader range of labor force series are published in the February issue of this publication.

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 D-1 and D-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 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.

Since the early 1980's, BLS has also used the X-11 ARIMA procedure to seasonally adjust establishment-based employment, hours, and earnings data. The X-11 ARIMA program had been run once each year after benchmarking and seasonal adjustment factors had been projected and published for 12 months ahead (April-March). Beginning in June 1989, with the introduction of the March 1988 benchmarks, the Bureau modified this procedure to parallel that used in seasonally adjusting household survey data. Projected seasonal adjustment factors are calculated and published twice a year. Revisions of historical data will continue to be made once a year, coincident with benchmark revisions.

All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. For employment, seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for hours and earnings series are obtained by taking a weighted average of the seasonally adjusted data for the component series.

Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, season-

ally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1982 annual average base. For total private, total goods-producing, total private service-producing, and major industry divisions, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1982 annual average base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. These failed or unsatisfactory seasonally adjusted series, however, are used in the aggregation to broader level seasonally adjusted series.

Seasonal adjustment factors for Federal Government employment are derived from unadjusted data which include Christmas temporary workers employed by the Postal Service. The number of temporary census workers

for the decennial census, however, are removed prior to the calculation of seasonal adjustment factors.

BLS has developed an extension of X-11 ARIMA to allow it to adjust more adequately for the effects of the presence or absence of religious holidays in the April survey reference period and of Labor Day in the September reference period. This extension was applied for the first time at the end of 1989 to three persons-at-work labor force series which tested as having significant and well-defined effects in their April data associated with the timing of Easter. This extension was also used for the seasonal adjustment of many of the establishment-based series on average weekly hours and manufacturing over-time hours, starting with the computation of the projected factors for the period beginning in April 1990.

Revised seasonally adjusted establishment-based series based on the experience through March 1993, new seasonal adjustment factors for May-October 1993, and a description of the current seasonal adjustment procedure appear in the June 1993 issue of *Employment and Earnings*.

**U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics**

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	Current Employment Statistics (CES) and State and Local Area Unemployment Statistics (LAUS) Programs	
	BLS Region	BLS Region
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REGION II—NEW YORK Room 808 201 Varick Street New York, NY 10014 Phone: (212) 337-2400	X ALASKA Department of Labor, Research and Analysis Section, 1111 West 8th St., Juneau 99802-5501	VII NEBRASKA Department of Labor, P.O. Box 94600, Lincoln 68509-4600
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