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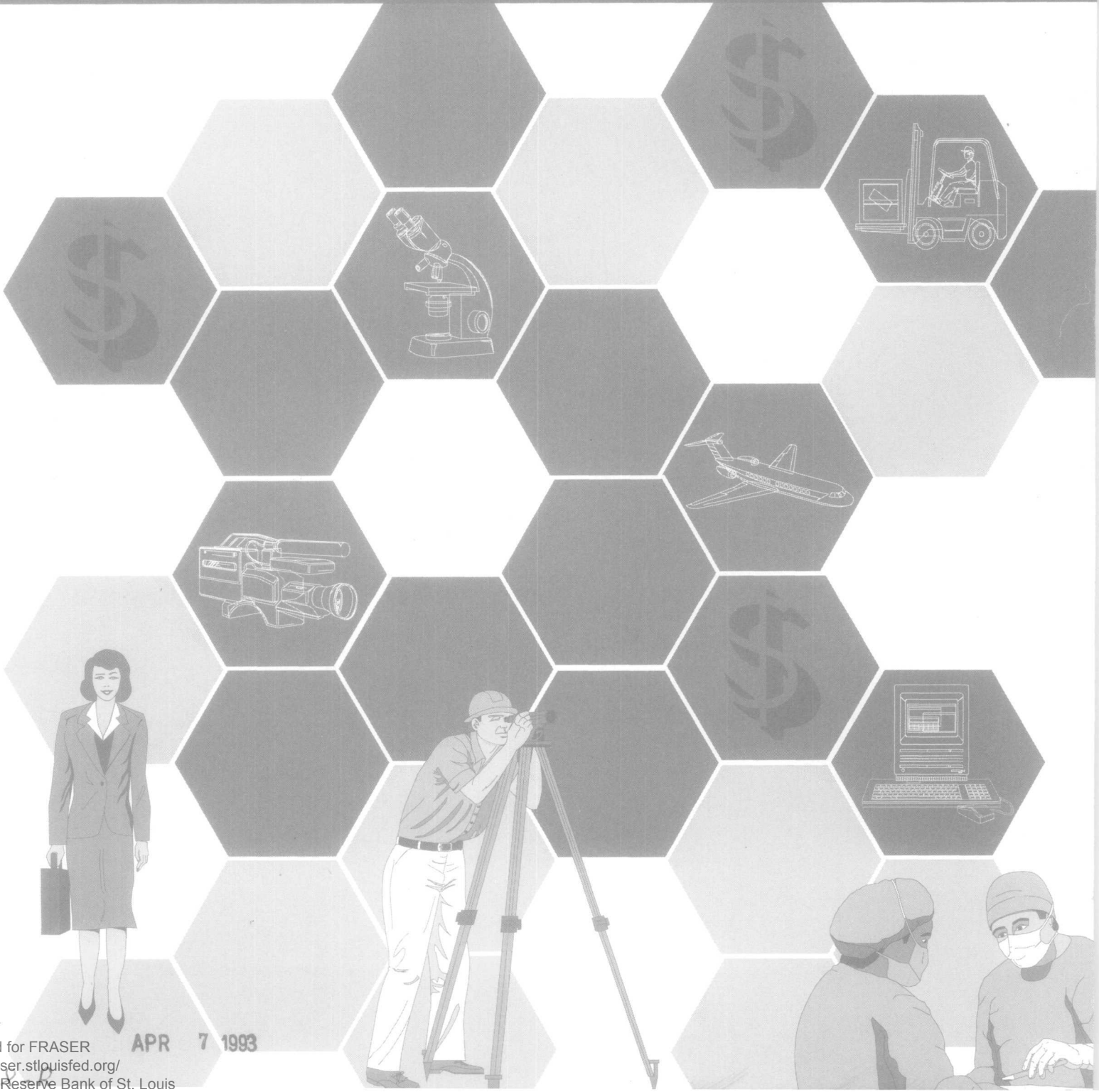
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EMPLOYMENT AND EARNINGS

U.S. Department of Labor
Bureau of Labor Statistics
January 1993

In this issue: 1992 annual averages
Revised seasonally adjusted
labor force series
Data on union affiliation
Median weekly earnings for
detailed occupations
Employee absences



APR 7 1993



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

BUREAU OF LABOR STATISTICS

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January 1993
Vol. 40 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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Annual averages	Jan.
Union affiliation	Jan.
Earnings by detailed occupation	Jan.
Employee absences	Jan.
Revised seasonally adjusted series	Jan., Feb.

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

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Industry divisions (preliminary)	Jan.
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 1992.

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 1992. 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 1988-92 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 1993.

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Employment and Unemployment Developments, December 1992

Employment edged up in December and unemployment was unchanged. The unemployment rate held at the revised November level of 7.3 percent, after falling from its June high of 7.7 percent.

Payroll employment, as measured by the survey of employers, rose marginally in December and has been slowly trending upward over the past year. Total employment, as estimated from the survey of households, showed some further improvement in December, after rising substantially in November.

Unemployment

Both the unemployment rate, 7.3 percent, and the number of unemployed persons, 9.3 million, were about unchanged in December, after seasonal adjustment. Although unemployment has shown modest improvement since its recent peak last June, the unemployment rate remains nearly 2 percentage points higher than it was in July 1990, when the recent recession began, and half a percentage point higher than in March 1991, when the recession officially ended. (See table A-33.)

Jobless rates for the major demographic groups, including adult men (6.8 percent), adult women (6.4 percent), teenagers (19.2 percent), whites (6.3 percent), blacks (14.2 percent), and Hispanics (11.7 percent) all showed little change in December. (See tables A-33 and A-34.)

The number of persons unemployed for fewer than 15 weeks edged down in December, but this decline was essentially offset by a small increase in long-term unemployment (15 weeks and over). The mean duration of unemployment rose to 19.2 weeks, a return to the October level. Over the past year, mean duration has risen by about 3-1/2 weeks. (See table A-40.)

The number of persons working part time for economic reasons—sometimes referred to as the “partially unemployed”—was 6.3 million in December, not materially different from November. This series has shown no clear trend over the past year. (See table A-35.)

Total employment and the labor force

Total employment was up slightly to 118.3 million in December (seasonally adjusted), following a sizable increase in the prior month. The employment-population ratio—the percentage of the working-age population that is employed—was 61.5 percent in December and has

shown little movement in the last year and a half. (See table A-33.)

The civilian labor force rose slightly in December to 127.6 million, seasonally adjusted, and the labor force participation rate inched up to 66.3 percent. The labor force has risen by 1.8 million over the past year, whereas it had grown by only half a million the year before that. (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 at 1.1 million in the fourth quarter of 1992. The discouraged worker total has held at about this level since the third quarter of 1991. (See table A-53.)

Industry payroll employment

The number of payroll jobs edged up by 64,000 in December, while private sector employment was up by 86,000. About 600,000 jobs have been added to total non-farm payrolls since January. (See table B-4.)

Manufacturing employment was virtually unchanged, following a modest gain in November. Prior to that, factory employment had fallen by about 200,000 in 3 months (August-October). December was characterized by generally small changes among the component industries. Employment in industrial machinery and electronic equipment has leveled off in recent months, whereas two defense-related industries, aircraft and instruments, have continued to lose jobs.

Employment in construction was about unchanged in December at 4.6 million, following a slight decline in November. Mining employment continued its protracted slide; roughly 40,000 jobs have been lost during the past year, largely in oil and gas extraction.

Employment in the services industry grew by 70,000, with the December increase led by a 32,000 gain in business services. Business services, which had been a major job producer in the 1980's, experienced a resurgence in 1992, adding 320,000 jobs. Employment also rose in health services. In retail trade, employment was about unchanged on a seasonally adjusted basis, as slower than normal holiday-related hiring, such as in department and clothing stores, was offset by gains elsewhere in the industry. Wholesale trade had a small job loss in December, fol-

lowing 2 months of gains. Finance employment rose slightly. The number of government jobs fell by 22,000, because an estimated 45,000 temporary election poll workers were no longer on local government payrolls.

Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls decreased by 0.3 hour in December to 34.3 hours, seasonally adjusted, returning weekly hours to a low point of a range they have stayed within for over a year. Part of this decline may have resulted from severe winter storms that hit the mid-Atlantic and Northeast areas of the country during the survey reference period. The workweek in manufacturing increased for the third consecutive month to a very high 41.3 hours, while factory overtime was unchanged at 3.9 hours. (See table C-5.)

As a result of the workweek decrease, the index of aggregate weekly hours of private production or nonsupervisory workers fell by 0.7 percent to 121.1 (1982=100) in December, seasonally adjusted. The index for manufacturing increased by 0.2 percent to 102.3, its highest level since last May. (See table C-6.)

Hourly and weekly earnings

Average hourly earnings of private production or nonsupervisory workers were about unchanged after seasonal adjustment, while average weekly earnings decreased by 1.0 percent because of the shorter workweek. Prior to seasonal adjustment, average hourly earnings were unchanged at \$10.72 and average weekly earnings fell by \$1.07 to \$369.84. Over the year, average hourly earnings increased by 2.2 percent and average weekly earnings by 1.6 percent. (See tables C-1 and C-7.)

Scheduled Release Dates			
Employment and unemployment data are scheduled for initial release on the following dates:			
<i>Reference month</i>	<i>Release date</i>	<i>Reference month</i>	<i>Release date</i>
January	February 5	April	May 7
February	March 5	May	June 4
March	April 2	June	July 2

Revision of Seasonally Adjusted Labor Force Series

Robert J. McIntire

Seasonal adjustment eliminates 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.

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.

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

At the end of each calendar year, therefore, 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 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 1992 and provide revised estimates for January 1988 through December 1992 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 1993 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 1993 will be estimated in early July, based on data through June 1993, and published in the July issue of this publication.

Table 1. Current seasonal adjustment factors for the 12 major civilian labor force components, January-June 1993

Procedure and series	January	February	March	April	May	June
Multiplicative Adjustment (Divide factor into original value)						
Agricultural employment:						
Men, 20 years and over .....	.886	.884	.924	.984	1.052	1.100
Women, 20 years and over .....	.871	.894	.917	.972	1.071	1.159
Men, 16 to 19 years .....	.611	.581	.716	.857	1.033	1.549
Women, 16 to 19 years .....	.640	.587	.893	.959	1.019	1.552
Nonagricultural employment:						
Men, 20 years and over .....	.985	.988	.992	.996	1.000	1.007
Women, 20 years and over .....	.997	.998	1.001	1.003	1.001	.998
Unemployment:						
Men, 20 years and over	1.208	1.200	1.116	1.025	.967	.958
Women, 20 years and over	1.028	1.027	.983	.937	.962	1.020
Additive Adjustment (Subtract factor from original value)						
Nonagricultural employment:						
Men, 16 to 19 years	-237	-274	-265	-206	-135	308
Women, 16 to 19 years	-235	-194	-193	-189	-154	307
Unemployment:						
Men, 16 to 19 years	-13	-5	8	-118	7	225
Women, 16 to 19 years	-60	-40	-57	-71	4	235

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 1992 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 6 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.

Table 2. Seasonally adjusted unemployment rates in 1992 and change due to revision

Month	As first computed	As revised	Change
January	7.1	7.1	0
February	7.3	7.3	0
March	7.3	7.3	0
April	7.2	7.3	0.1
May	7.5	7.4	-.1
June	7.8	7.7	-.1
July	7.7	7.6	-.1
August	7.6	7.6	0
September	7.5	7.5	0
October	7.4	7.4	0
November	7.2	7.3	.1
December	7.2	7.3	.1

¹ This rate reflects the use of seasonal factors projected for December 1992 as published in the July 1992 issue of *Employment and Earnings* and was subject to revision before regular publication of December data.

Adjustment methods and procedures

The official seasonal adjustment procedure for the labor force series is the X-11 ARIMA program. Statistics Canada developed X-11 ARIMA 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

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. 12-564E, 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).

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, because 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 observed values and the values forecast by the model for the observed period) which follow a random pattern. Acceptable ARIMA models have been identified and were used for 189 of the 215 labor force series which were directly adjusted at the end of 1992, including all 12

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).

major civilian labor force components, whose ARIMA models are shown in table 3. The models for two of those major components—nonagricultural employment for men and for women 20 years and over—are different from those used last year. 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.

Table 3. ARIMA models used in end-of-1992 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

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 1983 through December 1992, 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) at work on part-time schedules for noneconomic reasons and (2) usually work part time, both for all industries and nonagricultural industries and published monthly in seasonally adjusted form; (3) at work on full-time schedules, nonagricultural industries, a formerly published and still maintained 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 unemployment 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, and concurrently adjusted alternative estimates for major labor force series are available to interested users upon request.

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

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.

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

The principal reason for producing many of the major seasonally adjusted estimates for the labor force by aggregation rather than by direct adjustment is that this approach ensures that the major seasonally adjusted totals will be arithmetically consistent with at least one major set of components. If the totals were directly adjusted along with the components, such consistency would not, in all likelihood, occur, since the X-11 is not a sum-preserving procedure; that is, the sum of the result for two or more directly adjusted series will not generally be the same as the result of directly adjusting the sum of the unadjusted versions of the same series. Another factor is that it would generally be inappropriate to apply seasonal factors computed for an aggregate series to the components of the aggregate. The various labor force components tend to have significantly different patterns of seasonal variation;

for example, teenage unemployment tends to peak in June, while unemployment of adult men tends to peak in the winter months of January and February. In order to estimate properly these varying seasonal patterns, it is necessary to adjust the components directly. Of course, one of the implications of producing seasonally adjusted estimates for many major series by aggregation is that exact factors cannot be projected for those series. Implicit seasonal adjustment factors can be calculated after the fact, however, 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 1988-92 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 1992 issue for 1988-91 and the seasonally adjusted estimates for 1992 published during the past year. The seasonally adjusted data last published for 1987 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 1993 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 methodology 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 20212-0001.

**HOUSEHOLD DATA
HISTORICAL**

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 ¹	145,939	88,847	60.9	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091	
1973 ¹	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	160,669	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	1,837	117,914	3,186	114,728	6,874	5.4	63,262	
1991	191,329	126,857	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	
Monthly data, seasonally adjusted²												
1991:												
December	192,209	127,340	66.3	118,356	1,604	116,752	3,169	113,583	8,984	7.1	64,869	
1992:												
January	192,358	127,627	66.3	118,635	1,599	117,036	3,146	113,890	8,992	7.0	64,731	
February	192,469	127,770	66.4	118,547	1,565	116,962	3,213	113,749	9,223	7.2	64,699	
March	192,607	128,133	66.5	118,849	1,585	117,264	3,194	114,070	9,284	7.2	64,474	
April	192,745	128,320	66.6	119,095	1,577	117,518	3,206	114,312	9,225	7.2	64,425	
May	192,681	128,613	66.7	119,154	1,574	117,580	3,186	114,394	9,459	7.4	64,268	
June	193,025	128,868	66.8	119,080	1,570	117,510	3,244	114,266	9,788	7.6	64,157	
July	193,190	128,918	66.7	119,290	1,568	117,722	3,207	114,515	9,628	7.5	64,272	
August	193,356	128,970	66.7	119,346	1,566	117,780	3,218	114,562	9,624	7.5	64,386	
September	193,513	128,840	66.6	119,290	1,566	117,724	3,221	114,503	9,550	7.4	64,673	
October	193,683	128,618	66.4	119,239	1,552	117,687	3,169	114,518	9,379	7.3	65,065	
November	193,847	128,896	66.5	119,595	1,531	118,064	3,209	114,855	9,301	7.2	64,951	
December	194,026	129,108	66.5	119,828	1,517	118,311	3,262	115,049	9,280	7.2	64,918	

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 1992. Data for 1988-92 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	65,386	76.8	60,642	1,551	59,091	2,668	56,423	4,744	7.3	19,771	
1985	86,025	65,967	76.7	61,447	1,556	59,891	2,535	57,356	4,521	6.9	20,058	
1986 ¹	87,349	66,973	76.7	62,443	1,551	60,892	2,511	58,381	4,530	6.8	20,376	
1987	88,476	67,784	76.6	63,684	1,577	62,107	2,543	59,564	4,101	6.1	20,692	
1988	89,404	68,474	76.6	64,820	1,547	63,273	2,493	60,780	3,655	5.3	20,930	
1989	90,283	69,360	76.8	65,835	1,520	64,315	2,513	61,802	3,525	5.1	20,923	
1990	91,122	69,705	76.5	65,906	1,472	64,435	2,507	61,928	3,799	5.4	21,417	
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	7.6	22,356	
Monthly data, seasonally adjusted²												
1991:												
December	92,439	69,930	75.6	64,829	1,431	63,398	2,470	60,928	5,101	7.3	22,509	
1992:												
January	92,521	70,067	75.7	64,893	1,427	63,466	2,437	61,029	5,174	7.4	22,454	
February	92,578	70,089	75.7	64,765	1,414	63,351	2,506	60,845	5,324	7.6	22,489	
March	92,655	70,324	75.9	64,964	1,417	63,547	2,509	61,038	5,360	7.6	22,331	
April	92,733	70,460	76.0	65,194	1,417	63,777	2,514	61,263	5,266	7.5	22,273	
May	92,806	70,741	76.2	65,244	1,414	63,830	2,530	61,300	5,497	7.8	22,065	
June	92,882	70,827	76.3	65,161	1,410	63,751	2,539	61,212	5,666	8.0	22,055	
July	92,971	70,723	76.1	65,238	1,408	63,830	2,545	61,285	5,485	7.8	22,248	
August	93,061	70,840	76.1	65,309	1,408	63,901	2,547	61,354	5,531	7.7	22,221	
September	93,146	70,860	76.1	65,383	1,407	63,976	2,573	61,403	5,477	7.8	22,286	
October	93,238	70,728	75.9	65,318	1,394	63,924	2,550	61,374	5,410	7.6	22,510	
November	93,324	70,708	75.8	65,416	1,373	64,043	2,541	61,502	5,292	7.5	22,616	
December	93,420	70,754	75.7	65,554	1,360	64,194	2,593	61,601	5,200	7.3	22,666	
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	146	45,915	653	45,262	3,794	7.6	43,068	
1985	93,886	51,200	54.5	47,409	150	47,259	644	46,615	3,791	7.4	42,686	
1986	94,944	52,568	55.4	48,861	155	48,706	652	48,054	3,707	7.1	42,376	
1986 ¹	96,013	53,818	56.1	50,494	160	50,334	666	49,668	3,324	6.2	42,195	
1988	96,918	54,904	56.6	51,858	162	51,696	676	51,020	3,046	5.5	42,014	
1989	97,798	56,198	57.5	53,027	168	53,027	687	52,341	3,003	5.3	41,601	
1990	98,564	56,719	57.5	53,644	165	53,479	679	52,800	3,075	5.4	41,845	
1991	99,378	57,057	57.4	53,448	164	53,284	682	52,802	3,609	6.3	42,321	
1992	100,197	57,960	57.8	53,955	162	53,793	673	53,121	4,005	6.9	42,237	
Monthly data, seasonally adjusted²												
1991:												
December	99,770	57,410	57.5	53,527	173	53,354	699	52,655	3,883	6.8	42,360	
1992:												
January	99,837	57,560	57.7	53,742	172	53,570	709	52,861	3,818	6.6	42,277	
February	99,891	57,681	57.7	53,782	171	53,611	707	52,904	3,899	6.8	42,210	
March	99,951	57,809	57.8	53,885	168	53,717	685	53,032	3,924	6.8	42,142	
April	100,012	57,860	57.9	53,901	160	53,741	692	53,049	3,959	6.8	42,152	
May	100,075	57,872	57.8	53,910	160	53,750	656	53,094	3,962	6.8	42,203	
June	100,142	58,041	58.0	53,919	160	53,759	705	53,054	4,122	7.1	42,101	
July	100,220	58,195	58.1	54,052	160	53,892	662	53,230	4,143	7.1	42,025	
August	100,295	58,130	58.0	54,037	158	53,879	671	53,208	4,093	7.0	42,165	
September	100,367	57,980	57.8	53,907	159	53,748	648	53,100	4,073	7.0	42,387	
October	100,445	57,890	57.6	53,921	158	53,763	619	53,144	3,969	6.9	42,555	
November	100,523	58,188	57.9	54,179	158	54,021	668	53,353	4,009	6.9	42,335	
December	100,606	58,354	58.0	54,274	157	54,117	669	53,448	4,080	7.0	42,252	

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 1992. 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 ¹	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 ¹	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
Monthly data, seasonally adjusted ²								
1991:								
December	190,605	125,736	66.0	116,752	8,984	7.1	7.4	6.8
1992:								
January	190,759	126,028	66.1	117,036	8,992	7.1	7.5	6.7
February	190,884	126,185	66.1	116,962	9,223	7.3	7.8	6.8
March	191,022	126,548	66.2	117,264	9,284	7.3	7.8	6.8
April	191,168	126,743	66.3	117,518	9,225	7.3	7.6	6.9
May	191,307	127,039	66.4	117,580	9,459	7.4	7.9	6.9
June	191,455	127,298	66.5	117,510	9,788	7.7	8.2	7.1
July	191,622	127,350	66.5	117,722	9,628	7.6	7.9	7.1
August	191,790	127,404	66.4	117,780	9,624	7.6	8.0	7.1
September	191,947	127,274	66.3	117,724	9,550	7.5	7.9	7.0
October	192,131	127,066	66.1	117,687	9,379	7.4	7.8	6.9
November	192,316	127,365	66.2	118,064	9,301	7.3	7.6	6.9
December	192,509	127,591	66.3	118,311	9,280	7.3	7.5	7.0

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 1992. 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 1992										
	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											
18 years and over	192,509	126,902	65.9	118,073	8,829	7.0	65,607	24,454	9,397	3,838	27,918
18 to 19 years	13,181	6,396	48.5	5,260	1,136	17.8	6,785	455	5,860	23	446
18 to 17 years	6,646	2,512	37.8	2,007	505	20.1	4,134	72	3,891	8	182
18 to 19 years	8,535	3,884	59.4	3,253	631	18.2	2,651	383	1,969	15	284
20 to 24 years	17,735	13,545	76.4	12,110	1,435	10.6	4,190	1,283	2,171	91	645
25 to 54 years	109,631	91,639	83.6	86,029	5,809	6.1	17,993	11,057	1,305	1,663	3,969
25 to 34 years	41,600	34,829	83.7	32,328	2,501	7.2	6,771	4,259	848	391	1,273
25 to 29 years	19,437	16,263	83.7	15,042	1,221	7.5	3,173	1,877	529	141	626
30 to 34 years	22,164	18,568	83.8	17,286	1,280	6.9	3,598	2,382	319	249	647
35 to 44 years	39,839	33,889	85.1	31,875	2,014	5.9	5,950	3,753	326	574	1,297
35 to 39 years	21,117	17,823	84.4	16,667	1,155	6.5	3,295	2,171	199	294	631
40 to 44 years	18,722	16,066	85.8	15,208	859	5.3	2,656	1,582	127	280	667
45 to 54 years	28,192	22,920	81.3	21,826	1,094	4.8	5,272	3,044	131	698	1,398
45 to 49 years	15,607	13,067	83.7	12,460	607	4.6	2,541	1,485	77	358	620
50 to 54 years	12,584	9,853	78.3	9,366	487	4.9	2,731	1,559	53	340	778
55 to 64 years	21,052	11,796	56.0	11,252	544	4.6	9,256	3,783	43	899	4,532
55 to 59 years	10,659	7,114	66.7	6,792	322	4.5	3,545	1,846	35	476	1,388
60 to 64 years	10,393	4,682	45.0	4,460	222	4.7	5,711	2,137	8	422	3,144
65 years and over	30,910	3,527	11.4	3,422	105	3.0	27,383	7,877	19	1,162	18,326
65 to 89 years	10,065	2,128	21.1	2,065	83	3.0	7,936	2,412	8	284	5,233
70 to 74 years	8,470	902	10.7	875	27	3.0	7,567	2,149	2	236	5,180
75 years and over	12,375	496	4.0	481	15	3.0	11,880	3,316	9	642	7,912
Men											
16 years and over	92,060	68,867	74.8	63,809	5,058	7.3	23,193	608	4,662	2,107	15,817
16 to 19 years	6,692	3,358	50.2	2,683	675	20.1	3,334	30	3,050	17	237
16 to 17 years	3,415	1,290	37.8	1,001	289	22.4	2,125	13	2,031	4	77
18 to 19 years	3,276	2,068	63.1	1,682	386	18.7	1,209	17	1,019	13	160
20 to 24 years	8,697	7,129	82.0	6,320	809	11.4	1,568	35	1,134	60	339
25 to 54 years	53,706	49,733	92.8	48,570	3,163	6.4	3,973	315	463	1,062	2,133
25 to 34 years	20,478	19,105	93.3	17,721	1,384	7.2	1,373	111	311	265	685
25 to 29 years	9,545	8,806	92.3	8,132	675	7.7	739	61	229	103	347
30 to 34 years	10,933	10,299	94.2	9,589	710	6.9	634	50	83	162	338
35 to 44 years	19,565	18,279	93.4	17,159	1,120	6.1	1,286	117	122	384	664
35 to 39 years	10,410	9,774	93.9	9,108	666	6.8	636	68	76	184	309
40 to 44 years	9,154	8,505	92.9	8,050	455	5.3	649	48	46	200	355
45 to 54 years	13,663	12,348	90.4	11,890	658	5.3	1,315	87	30	414	784
45 to 49 years	7,591	6,988	92.1	6,631	357	5.1	603	40	22	221	321
50 to 54 years	6,072	5,361	88.3	5,059	301	5.6	712	47	9	193	463
55 to 64 years	9,988	6,624	66.3	6,260	364	5.5	3,364	69	11	518	2,766
55 to 59 years	5,120	3,970	77.5	3,759	211	5.3	1,149	34	8	269	839
60 to 64 years	4,869	2,654	54.5	2,502	152	5.7	2,215	35	3	249	1,926
65 years and over	12,978	2,023	15.6	1,976	48	2.4	10,954	159	4	449	10,342
65 to 89 years	4,604	1,193	25.9	1,159	33	2.8	3,411	44	2	154	3,211
70 to 74 years	3,708	542	14.6	536	6	1.1	3,166	56	-	86	3,024
75 years and over	4,666	289	6.2	280	8	2.9	4,377	58	2	210	4,107
Women											
16 years and over	100,449	58,035	57.8	54,264	3,771	6.5	42,414	23,846	4,735	1,731	12,101
16 to 19 years	6,489	3,038	46.8	2,577	461	15.2	3,451	425	2,810	6	210
16 to 17 years	3,231	1,222	37.8	1,006	216	17.7	2,009	59	1,861	4	85
18 to 19 years	3,258	1,816	55.7	1,571	245	13.5	1,443	366	950	3	125
20 to 24 years	9,038	6,416	71.0	5,791	625	9.7	2,622	1,248	1,037	31	306
25 to 54 years	55,925	41,906	74.9	39,459	2,446	5.8	14,020	10,742	841	600	1,836
25 to 34 years	21,122	15,724	74.4	14,607	1,117	7.1	5,399	4,148	537	126	589
25 to 29 years	9,891	7,457	75.4	6,910	547	7.3	2,435	1,816	300	39	279
30 to 34 years	11,231	8,267	73.6	7,697	570	6.9	2,964	2,331	236	87	309
35 to 44 years	20,275	15,610	77.0	14,716	894	5.7	4,665	3,636	204	190	634
35 to 39 years	10,707	8,049	75.2	7,559	490	6.1	2,658	2,102	123	110	322
40 to 44 years	9,568	7,562	79.0	7,157	404	5.3	2,006	1,534	81	80	311
45 to 54 years	14,528	10,572	72.8	10,136	436	4.1	3,956	2,958	100	284	614
45 to 49 years	8,016	6,079	75.8	5,829	250	4.1	1,937	1,445	56	137	299
50 to 54 years	6,512	4,493	69.0	4,307	186	4.1	2,019	1,512	44	147	315
55 to 64 years	11,084	5,172	46.7	4,992	180	3.5	5,892	3,714	32	381	1,765
55 to 59 years	5,539	3,144	56.8	3,033	111	3.5	2,396	1,612	27	208	549
60 to 64 years	5,525	2,028	36.7	1,959	69	3.4	3,497	2,102	5	173	1,216
65 years and over	17,932	1,503	8.4	1,446	57	3.8	16,429	7,718	15	713	7,984
65 to 69 years	5,461	936	17.1	906	30	3.2	4,525	2,368	6	130	2,022
70 to 74 years	4,762	360	7.6	339	21	5.8	4,401	2,092	2	151	2,156
75 years and over	7,709	207	2.7	200	7	3.2	7,502	3,258	7	432	3,805

**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 1992										
	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	163,259	108,390	66.4	101,847	6,543	6.0	54,869	20,804	7,059	2,917	24,088
16 to 19 years	10,517	5,436	51.7	4,640	796	14.8	5,080	349	4,416	22	293
16 to 17 years	5,301	2,187	41.2	1,822	364	16.7	3,114	53	2,941	7	113
18 to 19 years	5,216	3,250	62.3	2,818	432	13.3	1,966	296	1,475	15	180
20 to 24 years	14,452	11,309	78.3	10,389	940	8.3	3,142	992	1,852	57	441
25 to 54 years	92,454	78,167	84.5	73,918	4,251	5.4	14,287	9,085	932	1,235	3,035
25 to 34 years	34,591	29,386	85.0	27,525	1,861	6.3	5,205	3,415	599	278	912
25 to 29 years	16,085	13,687	85.1	12,780	907	6.6	2,398	1,477	371	108	442
30 to 34 years	18,506	15,699	84.8	14,746	954	6.1	2,807	1,939	228	170	470
35 to 44 years	33,702	26,953	85.9	27,431	1,522	5.3	4,749	3,100	234	429	985
35 to 39 years	17,821	15,164	85.2	14,302	881	5.8	2,637	1,800	141	209	487
40 to 44 years	15,881	13,769	86.7	13,129	640	4.7	2,112	1,300	93	221	498
45 to 54 years	24,162	19,828	82.1	18,960	868	4.4	4,334	2,570	98	528	1,138
45 to 49 years	13,452	11,372	84.5	10,889	483	4.2	2,080	1,243	58	286	493
50 to 54 years	10,710	8,456	79.0	8,071	385	4.6	2,254	1,327	40	242	645
55 to 64 years	18,202	10,287	56.5	9,826	461	4.5	7,915	3,263	42	689	3,922
55 to 59 years	9,159	6,180	67.5	5,900	280	4.5	2,979	1,415	34	353	1,177
60 to 64 years	9,043	4,107	45.4	3,926	181	4.4	4,936	1,848	8	336	2,745
65 years and over	27,634	3,190	11.5	3,095	95	3.0	24,444	7,115	18	914	16,397
65 to 69 years	8,873	1,908	21.5	1,853	56	2.9	6,965	2,157	8	207	4,593
70 to 74 years	7,536	827	11.0	802	24	3.0	8,709	1,914	2	178	4,616
75 years and over	11,225	455	4.1	440	15	3.2	10,770	3,044	8	530	7,188
Men											
16 years and over	78,705	59,562	75.7	55,714	3,848	6.5	19,143	406	3,515	1,619	13,603
16 to 19 years	5,333	2,827	53.0	2,355	472	18.7	2,506	20	2,307	15	164
16 to 17 years	2,717	1,102	40.6	901	201	18.2	1,614	10	1,545	4	55
18 to 19 years	2,616	1,724	65.9	1,453	271	15.7	892	10	762	12	108
20 to 24 years	7,130	5,967	83.7	5,411	556	9.3	1,163	24	887	37	215
25 to 54 years	45,920	43,074	93.8	40,611	2,463	5.7	2,846	189	306	798	1,553
25 to 34 years	17,265	18,347	94.7	15,295	1,052	6.4	917	63	197	183	473
25 to 29 years	8,004	7,500	93.7	8,990	510	6.8	505	32	150	75	248
30 to 34 years	9,260	8,647	93.5	8,305	542	8.1	413	31	48	109	225
35 to 44 years	16,784	15,868	94.5	14,991	877	5.5	918	75	89	295	457
35 to 39 years	8,905	8,452	94.9	7,943	510	6.0	453	51	52	130	219
40 to 44 years	7,879	7,415	94.1	7,048	367	5.0	464	23	37	165	238
45 to 54 years	11,872	10,860	91.5	10,325	534	4.9	1,012	52	19	319	622
45 to 49 years	6,631	6,171	93.1	5,882	289	4.7	460	23	14	182	241
50 to 54 years	5,240	4,689	89.5	4,443	245	5.2	552	28	5	137	382
55 to 64 years	8,704	5,645	67.1	5,530	315	5.4	2,860	51	11	408	2,389
55 to 59 years	4,415	3,481	78.8	3,296	185	5.3	934	24	8	205	697
60 to 64 years	4,289	2,363	55.1	2,234	129	5.5	1,926	27	3	204	1,692
65 years and over	11,617	1,850	15.9	1,807	42	2.3	9,767	121	5	360	9,282
65 to 69 years	4,059	1,074	26.5	1,046	28	2.6	2,985	36	2	115	2,832
70 to 74 years	3,332	502	15.1	496	6	1.2	2,830	42	-	67	2,721
75 years and over	4,226	273	6.5	265	8	3.0	3,952	43	2	178	3,729
Women											
16 years and over	84,555	48,828	57.7	46,133	2,695	5.5	35,726	20,398	3,545	1,298	10,485
16 to 19 years	5,184	2,610	50.3	2,285	324	12.4	2,574	329	2,109	6	129
16 to 17 years	2,584	1,084	41.9	921	163	15.1	1,500	43	1,396	4	58
18 to 19 years	2,599	1,526	58.7	1,365	161	10.8	1,074	286	713	3	71
20 to 24 years	7,321	5,342	73.0	4,958	384	7.2	1,979	968	785	20	226
25 to 54 years	46,534	35,093	75.4	33,305	1,786	5.1	11,441	8,896	626	437	1,482
25 to 34 years	17,328	13,039	75.3	12,230	809	6.2	4,287	3,352	402	95	439
25 to 29 years	8,080	6,187	76.6	5,790	397	6.4	1,893	1,444	222	33	194
30 to 34 years	9,246	6,852	74.1	8,440	412	6.0	2,394	1,908	180	62	245
35 to 44 years	16,918	13,085	77.3	12,440	645	4.9	3,832	3,026	145	134	528
35 to 39 years	8,916	6,731	75.5	6,360	372	5.5	2,184	1,749	89	78	268
40 to 44 years	8,002	8,354	79.4	6,081	273	4.3	1,648	1,277	56	56	259
45 to 54 years	12,290	8,969	73.0	8,634	334	3.7	3,322	2,518	79	209	516
45 to 49 years	6,821	5,201	76.3	5,007	194	3.7	1,620	1,219	44	103	252
50 to 54 years	5,469	3,768	68.9	3,628	140	3.7	1,702	1,299	35	105	263
55 to 64 years	9,496	4,443	46.8	4,296	146	3.3	5,055	3,212	31	280	1,533
55 to 59 years	4,744	2,699	56.9	2,604	95	3.5	2,044	1,391	25	148	480
60 to 64 years	4,754	1,744	36.7	1,692	51	2.9	3,011	1,821	5	132	1,053
65 years and over	16,017	1,341	8.4	1,288	53	3.9	14,877	8,994	13	554	7,115
65 to 69 years	4,815	835	17.3	807	28	3.3	3,980	2,121	6	92	1,761
70 to 74 years	4,203	324	7.7	306	18	5.6	3,879	1,872	2	111	1,894
75 years and over	7,000	182	2.6	175	7	3.6	6,818	3,001	6	352	3,459

**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 1992										
	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	22,131	13,852	62.6	11,959	1,893	13.7	8,279	2,752	1,633	831	3,062
16 to 19 years	2,081	742	35.7	461	281	37.8	1,339	96	1,102	1	140
16 to 17 years	1,058	254	24.0	142	112	44.2	804	18	744	-	41
18 to 19 years	1,023	488	47.7	320	168	34.5	535	77	358	1	99
20 to 24 years	2,500	1,723	68.9	1,301	422	24.5	777	246	326	32	172
25 to 54 years	12,743	10,016	78.6	8,892	1,124	11.2	2,727	1,399	204	382	742
25 to 34 years	5,317	4,168	78.4	3,616	552	13.2	1,149	611	137	100	301
25 to 29 years	2,575	2,003	77.8	1,724	279	13.9	572	314	82	26	150
30 to 34 years	2,742	2,165	79.0	1,892	273	12.6	577	297	55	74	151
35 to 44 years	4,529	3,828	80.1	3,230	398	11.0	901	488	52	129	251
35 to 39 years	2,486	1,965	79.9	1,751	234	11.8	501	266	35	76	124
40 to 44 years	2,043	1,643	80.4	1,479	164	10.0	400	202	18	53	127
45 to 54 years	2,897	2,220	78.6	2,046	174	7.9	677	320	15	153	190
45 to 49 years	1,543	1,212	78.6	1,125	87	7.2	331	161	11	61	99
50 to 54 years	1,354	1,008	74.4	920	68	6.7	346	159	4	92	91
55 to 64 years	2,158	1,119	51.9	1,060	59	5.3	1,038	378	1	186	474
55 to 59 years	1,134	689	59.0	648	23	3.4	466	181	2	112	171
60 to 64 years	1,023	450	44.0	414	36	8.0	573	197	-	74	303
65 years and over	2,650	252	9.5	245	7	2.9	2,398	633	-	230	1,534
65 to 69 years	950	161	17.0	156	5	3.2	789	214	-	70	505
70 to 74 years	743	59	7.9	56	3	(¹)	684	164	-	55	444
75 years and over	957	32	3.4	33	-	(¹)	925	235	-	105	586
Men											
16 years and over	9,978	6,823	68.4	5,838	985	14.4	3,155	172	767	433	1,783
16 to 19 years	1,036	403	38.9	239	164	40.7	633	9	556	1	87
16 to 17 years	536	142	26.6	78	64	45.3	393	2	372	-	16
18 to 19 years	500	260	52.1	161	100	38.2	240	7	163	1	49
20 to 24 years	1,163	877	75.4	671	207	23.5	286	12	147	22	105
25 to 54 years	5,718	4,841	84.7	4,264	577	11.9	676	109	64	239	464
25 to 34 years	2,411	2,074	86.0	1,791	283	13.6	337	41	47	72	178
25 to 29 years	1,166	999	85.6	854	145	14.5	188	26	32	23	85
30 to 34 years	1,245	1,076	86.4	938	138	12.8	170	13	15	49	94
35 to 44 years	2,034	1,725	84.8	1,527	198	11.5	309	39	16	82	172
35 to 39 years	1,120	965	86.1	834	131	13.5	155	16	10	51	78
40 to 44 years	914	760	83.2	693	68	6.9	154	23	6	30	94
45 to 54 years	1,271	1,041	81.9	945	98	9.2	230	29	1	85	114
45 to 49 years	683	574	84.0	522	51	8.9	110	13	1	32	83
50 to 54 years	588	468	79.6	423	45	9.8	120	15	-	53	51
55 to 64 years	985	577	58.6	543	35	6.0	408	12	-	91	305
55 to 59 years	535	352	65.8	335	17	4.9	183	8	-	54	121
60 to 64 years	450	225	50.0	207	18	7.6	225	4	-	36	185
65 years and over	1,077	125	11.6	122	3	2.1	952	30	-	60	842
65 to 69 years	427	83	19.4	80	3	3.9	344	5	-	35	305
70 to 74 years	300	31	10.5	31	-	(¹)	269	12	-	17	240
75 years and over	349	10	2.9	11	-	(¹)	339	14	-	28	297
Women											
16 years and over	12,153	7,030	57.6	6,122	908	12.9	5,124	2,580	866	398	1,279
16 to 19 years	1,045	339	32.5	223	116	34.3	706	67	546	-	73
16 to 17 years	522	112	21.4	64	48	42.6	410	16	372	-	23
18 to 19 years	523	227	43.5	159	69	30.2	296	71	174	-	50
20 to 24 years	1,336	846	63.3	630	215	25.5	491	235	179	10	67
25 to 54 years	7,026	5,175	73.7	4,628	547	10.6	1,851	1,280	140	143	276
25 to 34 years	2,906	2,094	72.1	1,825	269	12.8	812	570	90	26	123
25 to 29 years	1,409	1,005	71.3	870	134	13.4	404	285	50	3	65
30 to 34 years	1,497	1,089	72.6	955	135	12.4	408	285	40	25	57
35 to 44 years	2,495	1,903	76.3	1,703	200	10.5	592	429	36	48	79
35 to 39 years	1,366	1,021	74.7	917	104	10.2	346	250	25	25	46
40 to 44 years	1,128	682	78.2	766	96	10.9	246	179	11	23	33
45 to 54 years	1,626	1,178	72.5	1,100	78	6.6	448	291	14	67	76
45 to 49 years	860	638	74.3	603	35	5.6	221	147	9	28	36
50 to 54 years	766	540	70.5	497	43	7.9	226	144	4	39	39
55 to 64 years	1,172	542	46.2	516	24	4.5	630	366	1	95	168
55 to 59 years	599	316	52.8	311	6	1.6	283	173	2	57	50
60 to 64 years	573	225	39.3	207	19	8.3	348	193	-	37	116
65 years and over	1,573	128	8.1	123	5	3.8	1,445	603	-	150	692
65 to 69 years	523	78	14.9	76	2	2.6	445	210	-	36	200
70 to 74 years	442	27	6.2	25	3	(¹)	415	173	-	38	204
75 years and over	608	22	3.6	22	-	(¹)	586	220	-	76	289

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 1992								
	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	
TOTAL									
16 years and over	29,250	18,512	63.3	16,226	198	16,028	2,286	12.3	10,738
16 to 19 years	2,664	960	36.0	620	9	611	340	35.4	1,705
16 to 17 years	1,345	326	24.2	185	4	181	141	43.3	1,019
18 to 19 years	1,319	634	48.0	435	5	430	199	31.4	685
20 to 24 years	3,283	2,236	68.1	1,741	10	1,731	494	22.1	1,047
25 to 54 years	17,177	13,471	78.4	12,113	134	11,979	1,358	10.1	3,706
25 to 34 years	7,009	5,443	77.7	4,803	60	4,743	641	11.8	1,566
25 to 29 years	3,352	2,576	76.9	2,262	24	2,238	314	12.2	776
30 to 34 years	3,657	2,867	78.4	2,541	36	2,504	326	11.4	791
35 to 44 years	6,138	4,936	80.4	4,444	29	4,415	492	10.0	1,202
35 to 39 years	3,297	2,639	80.1	2,365	18	2,347	274	10.4	657
40 to 44 years	2,841	2,297	80.9	2,079	11	2,068	218	9.5	544
45 to 54 years	4,030	3,092	76.7	2,866	44	2,822	225	7.3	938
45 to 49 years	2,155	1,695	78.6	1,571	21	1,551	123	7.3	460
50 to 54 years	1,875	1,397	74.5	1,295	24	1,271	102	7.3	477
55 to 64 years	2,850	1,509	52.9	1,426	33	1,393	83	5.5	1,341
55 to 59 years	1,500	934	62.2	892	15	876	42	4.5	566
60 to 64 years	1,350	575	42.6	534	18	516	41	7.1	775
65 years and over	3,276	336	10.3	326	12	314	10	3.0	2,939
65 to 69 years	1,192	220	18.5	213	1	212	7	3.4	972
70 to 74 years	934	76	8.1	73	11	62	3	3.5	858
75 years and over	1,150	41	3.5	40	-	41	-	(¹)	1,109
Men									
16 years and over	13,356	9,305	69.7	8,095	169	7,925	1,211	13.0	4,051
16 to 19 years	1,359	531	39.1	328	9	319	203	38.2	827
16 to 17 years	699	188	26.9	100	4	96	88	46.8	511
18 to 19 years	660	344	52.1	228	5	223	115	33.5	317
20 to 24 years	1,566	1,162	74.2	909	8	901	253	21.8	404
25 to 54 years	7,786	6,658	85.5	5,959	116	5,842	700	10.5	1,127
25 to 34 years	3,213	2,758	85.8	2,426	50	2,376	332	12.0	455
25 to 29 years	1,541	1,307	84.8	1,142	21	1,122	164	12.6	234
30 to 34 years	1,673	1,452	86.8	1,284	30	1,254	168	11.6	221
35 to 44 years	2,781	2,411	86.7	2,168	23	2,145	244	10.1	369
35 to 39 years	1,506	1,322	87.8	1,166	12	1,154	156	11.8	184
40 to 44 years	1,275	1,089	85.4	1,002	11	991	87	8.0	186
45 to 54 years	1,792	1,489	83.1	1,365	43	1,322	124	8.3	303
45 to 49 years	960	817	85.1	749	20	729	68	8.3	143
50 to 54 years	832	672	80.8	616	23	593	56	8.3	160
55 to 64 years	1,284	779	60.7	730	29	702	49	6.3	505
55 to 59 years	704	489	69.4	463	15	447	26	5.3	215
60 to 64 years	580	291	50.1	268	13	254	23	7.9	289
65 years and over	1,361	174	12.8	168	7	161	5	3.2	1,187
65 to 69 years	545	119	21.8	113	1	113	5	4.5	426
70 to 74 years	376	40	10.6	40	6	33	-	(¹)	336
75 years and over	440	15	3.5	15	-	15	-	(¹)	425
Women									
16 years and over	15,894	9,207	57.9	8,131	28	8,103	1,075	11.7	6,688
16 to 19 years	1,305	428	32.8	291	-	292	137	32.0	877
16 to 17 years	646	138	21.3	85	-	85	53	38.6	508
18 to 19 years	659	290	44.0	206	-	206	84	28.9	369
20 to 24 years	1,717	1,074	62.5	832	2	830	241	22.5	643
25 to 54 years	9,391	6,813	72.5	6,154	17	6,137	659	9.7	2,578
25 to 34 years	3,796	2,685	70.7	2,376	10	2,367	308	11.5	1,111
25 to 29 years	1,811	1,270	70.1	1,120	3	1,116	150	11.8	541
30 to 34 years	1,985	1,415	71.3	1,257	7	1,250	158	11.2	570
35 to 44 years	3,357	2,525	75.2	2,276	6	2,270	249	9.8	832
35 to 39 years	1,791	1,317	73.5	1,199	6	1,194	118	8.9	474
40 to 44 years	1,566	1,208	77.1	1,077	-	1,077	131	10.8	358
45 to 54 years	2,238	1,603	71.6	1,502	1	1,500	102	6.3	635
45 to 49 years	1,195	878	73.4	822	-	822	55	6.3	317
50 to 54 years	1,043	725	69.6	679	1	678	46	6.4	318
55 to 64 years	1,566	729	46.6	695	4	691	34	4.6	837
55 to 59 years	796	445	55.9	429	-	429	16	3.6	351
60 to 64 years	770	285	36.9	267	4	262	18	6.3	486
65 years and over	1,915	163	8.5	158	5	153	5	2.9	1,752
65 to 69 years	647	101	15.7	99	-	99	2	2.0	545
70 to 74 years	558	36	6.5	33	4	29	3	(¹)	522
75 years and over	710	25	3.6	25	-	25	-	(¹)	684

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. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992
TOTAL								
Civilian noninstitutional population	190,605	192,509	84,367	85,369	93,032	93,960	13,206	13,181
Civilian labor force	125,108	126,902	84,793	85,509	53,962	54,997	6,352	6,396
Percent of population	65.6	65.9	76.8	76.7	58.0	58.5	48.1	48.5
Employed	116,549	118,073	60,467	61,126	50,896	51,688	5,186	5,260
Agriculture	2,862	2,931	2,134	2,184	597	552	131	195
Nonagricultural industries	113,687	115,142	58,334	58,942	50,299	51,136	5,054	5,064
Unemployed	8,559	8,829	4,326	4,383	3,066	3,309	1,166	1,136
Unemployment rate	6.8	7.0	6.7	6.7	5.7	6.0	18.4	17.8
Not in labor force	65,498	65,607	19,574	19,860	39,070	38,963	6,854	6,785
White								
Civilian noninstitutional population	162,047	163,259	72,644	73,372	78,824	79,371	10,579	10,517
Civilian labor force	107,172	108,390	56,126	56,735	45,542	46,218	5,504	5,436
Percent of population	66.1	66.4	77.3	77.3	57.8	58.2	52.0	51.7
Employed	100,625	101,847	52,723	53,359	43,298	43,847	4,603	4,640
Agriculture	2,855	2,733	1,962	2,023	568	523	124	187
Nonagricultural industries	97,970	99,114	50,761	51,336	42,730	43,324	4,479	4,454
Unemployed	6,547	6,543	3,403	3,376	2,244	2,371	901	796
Unemployment rate	6.1	6.0	6.1	6.0	4.9	5.1	16.4	14.8
Not in labor force	54,875	54,869	16,518	16,636	33,282	33,152	5,075	5,080
Black								
Civilian noninstitutional population	21,774	22,131	8,785	8,942	10,927	11,108	2,081	2,081
Civilian labor force	13,549	13,852	6,393	6,420	6,497	6,690	660	742
Percent of population	62.2	62.6	72.9	71.8	59.5	60.2	31.7	35.7
Employed	11,871	11,959	5,654	5,599	5,786	5,899	431	461
Agriculture	160	138	140	116	17	16	3	6
Nonagricultural industries	11,711	11,821	5,514	5,483	5,769	5,883	428	455
Unemployed	1,678	1,893	739	821	711	791	229	281
Unemployment rate	12.4	13.7	11.6	12.8	10.9	11.8	34.7	37.8
Not in labor force	8,225	8,279	2,373	2,522	4,431	4,418	1,421	1,339

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)

Employment status, educational attainment, race, and Hispanic origin	December 1992									
	Civilian noninstitutional population	Civilian labor force								Percent of 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		
TOTAL ENROLLED										
Total, 16 to 24 years	15,848	7,830	48.1	6,699	1,191	5,509	931	148	783	12.2
16 to 19 years	10,333	4,351	42.1	3,662	293	3,369	689	59	631	15.8
20 to 24 years	5,515	3,279	59.5	3,038	898	2,140	242	89	152	7.4
High school	7,760	3,011	38.8	2,447	109	2,338	564	53	510	18.7
College	8,088	4,820	57.1	4,252	1,082	3,171	367	95	273	8.0
Full-time students	6,975	3,828	52.0	3,305	517	2,788	323	73	250	8.9
Part-time students	1,113	992	89.1	947	565	383	45	22	22	4.5
Men, 16 to 24 years	8,099	3,819	47.2	3,278	648	2,630	541	80	461	14.2
16 to 19 years	5,358	2,245	41.9	1,828	173	1,656	417	36	381	18.6
20 to 24 years	2,742	1,574	57.4	1,450	476	975	123	44	79	7.8
High school	4,149	1,611	38.8	1,277	71	1,206	334	28	305	20.7
College	3,950	2,208	55.9	2,001	577	1,424	207	52	155	9.4
Full-time students	3,411	1,718	50.4	1,534	297	1,237	184	42	142	10.7
Part-time students	540	490	90.8	468	280	188	23	9	13	4.6
Women, 16 to 24 years	7,749	3,611	49.2	3,421	542	2,878	390	68	322	10.2
16 to 19 years	4,975	2,106	42.3	1,833	120	1,713	272	23	249	12.9
20 to 24 years	2,774	1,706	61.5	1,588	422	1,165	118	45	73	6.9
High school	3,811	1,400	36.8	1,170	38	1,132	230	25	205	16.4
College	4,138	2,412	58.3	2,251	505	1,746	161	43	117	6.7
Full-time students	3,564	1,910	53.8	1,771	220	1,551	139	30	108	7.3
Part-time students	573	502	87.6	480	285	195	22	13	9	4.4
White										
Total, 16 to 24 years	12,789	6,550	51.2	5,892	1,044	4,848	658	90	568	10.0
16 to 19 years	8,276	3,757	45.4	3,256	271	2,984	501	35	466	13.3
20 to 24 years	4,513	2,793	61.9	2,636	773	1,863	157	55	101	5.6
Men	6,538	3,269	50.0	2,886	580	2,306	383	47	336	11.7
Women	6,252	3,281	52.5	3,006	464	2,542	275	43	232	8.4
High school	6,086	2,567	42.2	2,169	96	2,073	398	26	372	15.5
College	6,703	3,983	59.4	3,723	948	2,775	260	65	195	6.5
Full-time students	5,774	3,152	54.6	2,914	455	2,458	238	54	184	7.6
Part-time students	929	832	89.5	810	493	316	22	11	11	2.6
Black										
Total, 16 to 24 years	2,202	752	34.1	540	101	440	211	55	157	28.1
16 to 19 years	1,572	448	28.5	296	13	283	152	24	128	34.0
20 to 24 years	630	304	48.2	245	88	157	59	31	29	19.5
Men	1,096	369	33.7	257	47	211	112	30	82	30.3
Women	1,106	382	34.6	283	54	229	99	25	74	25.9
High school	1,331	358	26.9	216	11	205	142	28	115	39.8
College	871	393	45.2	325	90	235	69	27	42	17.5
Full-time students	755	293	38.8	237	43	194	56	16	40	19.0
Part-time students	116	101	86.6	88	47	41	13	11	2	13.1
Hispanic origin										
Total, 16 to 24 years	1,399	590	42.2	468	95	373	122	30	92	20.7
16 to 19 years	1,018	355	34.9	256	29	226	100	12	88	28.1
20 to 24 years	381	235	61.7	213	65	147	22	18	4	9.5
Men	721	304	42.2	238	49	188	66	12	54	21.7
Women	678	286	42.2	230	45	185	56	18	38	19.6
High school	853	247	29.0	162	15	147	85	10	75	34.4
College	546	343	62.8	306	79	227	37	20	17	10.8
Full-time students	401	223	55.7	199	25	174	24	16	8	11.0
Part-time students	146	120	82.3	107	54	53	13	4	9	10.6

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)

Employment status, educational attainment, race, and Hispanic origin	December 1992									
	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	15,067	12,310	81.7	10,671	8,794	1,877	1,840	1,482	158	13.3
16 to 19 years	2,848	2,045	71.8	1,598	1,060	538	447	390	57	21.8
20 to 24 years	12,219	10,266	84.0	9,072	7,734	1,339	1,193	1,093	100	11.6
Less than a high school diploma	3,567	2,281	63.9	1,679	1,297	382	602	526	76	26.4
High school graduates, no college	6,800	5,679	83.5	4,927	4,007	920	752	690	62	13.2
Less than a bachelors degree	3,354	3,057	91.1	2,830	2,364	466	228	211	17	7.4
College graduates	1,346	1,293	96.1	1,235	1,126	109	58	55	3	4.5
Men, 16 to 24 years	7,289	6,668	91.5	5,724	4,939	785	944	904	40	14.2
16 to 19 years	1,334	1,113	83.4	855	614	241	258	235	23	23.2
20 to 24 years	5,955	5,555	93.3	4,869	4,326	544	686	669	17	12.3
Less than a high school diploma	1,814	1,518	83.7	1,147	941	206	370	348	22	24.4
High school graduates, no college	3,369	3,118	92.5	2,682	2,293	389	436	422	14	14.0
Less than a bachelors degree	1,542	1,488	96.5	1,377	1,229	149	110	106	4	7.4
College graduates	565	545	96.5	518	476	41	27	27	-	5.0
Women, 16 to 24 years	7,778	5,643	72.5	4,946	3,855	1,092	696	579	118	12.3
16 to 19 years	1,514	932	61.6	743	446	297	189	155	34	20.3
20 to 24 years	6,264	4,710	75.2	4,203	3,408	795	507	424	83	10.8
Less than a high school diploma	1,754	763	43.5	532	356	176	231	178	53	30.3
High school graduates, no college	3,431	2,561	74.7	2,245	1,714	531	317	288	49	12.4
Less than a bachelors degree	1,813	1,570	86.6	1,452	1,135	317	117	105	13	7.5
College graduates	781	748	95.8	717	650	67	31	28	3	4.2
White										
Total, 16 to 24 years	12,179	10,195	83.7	9,117	7,604	1,513	1,079	979	99	10.6
16 to 19 years	2,240	1,679	74.9	1,384	939	445	295	260	35	17.6
20 to 24 years	9,938	8,516	85.7	7,732	6,664	1,068	784	720	64	9.2
Men	5,925	5,524	93.2	4,879	4,268	611	645	619	26	11.7
Women	6,253	4,671	74.7	4,238	3,335	902	433	360	73	9.3
Less than a high school diploma	2,822	1,895	67.1	1,462	1,138	324	433	388	45	22.8
High school graduates, no college	5,355	4,557	85.1	4,106	3,398	709	450	411	40	9.9
Less than a bachelors degree	2,788	2,573	92.3	2,426	2,041	385	148	137	11	5.7
College graduates	1,213	1,171	96.5	1,123	1,027	95	48	44	4	4.1
Black										
Total, 16 to 24 years	2,379	1,713	72.0	1,222	932	290	491	440	51	28.7
16 to 19 years	509	294	57.8	186	95	71	128	108	20	43.7
20 to 24 years	1,869	1,419	75.9	1,056	837	219	363	332	31	25.6
Men	1,103	911	82.5	652	509	143	258	247	12	28.4
Women	1,276	803	62.9	570	423	147	233	193	40	29.0
Less than a high school diploma	609	293	48.1	148	108	40	145	116	29	49.4
High school graduates, no college	1,225	950	77.6	680	500	179	271	252	19	28.5
Less than a bachelors degree	465	393	84.7	323	262	61	70	67	4	17.9
College graduates	81	77	94.9	71	63	9	5	5	-	6.8
Hispanic origin										
Total, 16 to 24 years	2,118	1,575	74.4	1,333	1,108	226	242	227	15	15.4
16 to 19 years	488	308	63.2	236	165	71	73	66	6	23.5
20 to 24 years	1,631	1,267	77.7	1,098	943	155	169	160	9	13.4
Men	1,064	989	93.0	846	728	118	143	141	2	14.4
Women	1,054	586	55.6	487	380	107	99	85	14	16.9
Less than a high school diploma	1,131	756	66.8	599	506	93	157	149	8	20.7
High school graduates, no college	696	560	80.5	492	401	91	68	60	8	12.2
Less than a bachelors degree	258	227	87.9	213	173	40	14	14	-	6.1
College graduates	33	33	(²)	30	28	1	3	3	-	(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, were 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. 1991	Dec. 1992	Total		Employed		Unemployed			
			Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Number		Percent of labor force	
							Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,823	7,890	7,013	7,006	6,652	6,590	360	416	5.1	5.9
35 to 49 years	6,390	6,126	5,927	5,665	5,620	5,309	308	356	5.2	6.3
35 to 39 years	1,053	842	961	766	888	691	73	75	7.6	9.8
40 to 44 years	2,918	2,487	2,693	2,283	2,553	2,129	140	154	5.2	6.8
45 to 49 years	2,419	2,797	2,273	2,616	2,178	2,490	95	127	4.2	4.8
50 years and over	1,433	1,764	1,086	1,341	1,033	1,280	53	61	4.9	4.5
NONVETERANS										
Total, 35 to 49 years	18,896	19,849	17,625	18,508	16,659	17,463	967	1,045	5.5	5.6
35 to 39 years	8,596	8,871	8,113	8,382	7,638	7,825	475	537	5.9	6.4
40 to 44 years	5,964	6,495	5,543	6,060	5,254	5,769	289	290	5.2	4.8
45 to 49 years	4,336	4,483	3,969	4,087	3,767	3,869	203	218	5.1	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; published data

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Sex, age, and race	December 1992							
	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	96,845	94,847	1,998	21,228	17,011	4,218	7,233	1,596
16 to 19 years	1,353	1,291	62	3,907	3,536	370	448	688
16 to 17 years	140	134	6	1,867	1,826	41	68	437
18 to 19 years	1,213	1,158	55	2,040	1,710	329	380	251
20 years and over	95,492	93,556	1,936	17,322	13,474	3,847	6,784	909
20 to 24 years	8,632	8,369	263	3,478	2,759	719	1,182	253
25 years and over	86,860	85,187	1,673	13,843	10,715	3,128	5,602	656
25 to 54 years	76,041	74,574	1,467	9,988	7,353	2,636	5,091	518
55 years and over	10,819	10,613	206	3,855	3,363	492	511	138
Men, 16 years and over	56,532	55,294	1,238	7,277	5,451	1,826	4,389	669
16 to 19 years	786	751	36	1,897	1,717	180	271	404
20 years and over	55,745	54,543	1,202	5,380	3,734	1,646	4,119	265
20 to 24 years	4,801	4,637	164	1,518	1,164	354	713	96
25 years and over	50,944	49,906	1,038	3,862	2,570	1,293	3,406	169
25 to 54 years	44,298	43,391	907	2,272	1,176	1,096	3,045	118
55 years and over	6,645	6,515	131	1,591	1,394	197	361	50
Women, 16 years and over	40,313	39,554	759	13,951	11,560	2,391	2,843	927
16 to 19 years	567	541	26	2,010	1,820	190	178	284
20 years and over	39,746	39,013	734	11,941	9,740	2,201	2,666	644
20 to 24 years	3,830	3,732	98	1,960	1,595	366	469	156
25 years and over	35,916	35,281	635	9,981	8,146	1,835	2,197	487
25 to 54 years	31,742	31,182	560	7,717	6,177	1,540	2,046	400
55 years and over	4,174	4,099	75	2,264	1,969	295	150	87
White								
Men, 16 years and over	49,512	48,442	1,070	6,202	4,761	1,441	3,352	496
16 to 19 years	713	678	34	1,642	1,499	143	170	302
20 years and over	48,799	47,764	1,036	4,560	3,263	1,297	3,182	194
20 to 24 years	4,136	3,992	144	1,275	1,015	260	496	60
25 years and over	44,663	43,772	891	3,286	2,248	1,038	2,686	134
25 to 54 years	38,778	37,995	784	1,833	954	879	2,377	86
55 years and over	5,885	5,777	108	1,452	1,294	158	309	48
Women, 16 years and over	33,797	33,197	600	12,336	10,440	1,896	1,986	709
16 to 19 years	498	472	26	1,787	1,638	149	125	199
20 years and over	33,299	32,725	574	10,548	8,801	1,747	1,861	510
20 to 24 years	3,301	3,224	78	1,657	1,367	290	279	105
25 years and over	29,998	29,501	497	8,891	7,435	1,457	1,582	405
25 to 54 years	26,453	26,011	442	6,852	5,641	1,211	1,452	335
55 years and over	3,545	3,490	55	2,040	1,794	246	130	69
Black								
Men, 16 years and over	5,078	4,942	135	760	454	306	865	120
16 to 19 years	47	45	2	192	158	34	88	76
20 years and over	5,031	4,897	134	568	296	272	777	44
20 to 24 years	509	493	16	162	83	79	188	18
25 years and over	4,522	4,404	118	407	213	193	588	26
25 to 54 years	3,967	3,866	101	297	140	157	551	26
55 years and over	555	539	17	109	73	37	37	-
Women, 16 years and over	4,962	4,839	123	1,159	772	387	733	175
16 to 19 years	61	61	-	162	126	35	44	72
20 years and over	4,901	4,778	123	998	646	352	689	102
20 to 24 years	416	404	12	214	151	64	174	41
25 years and over	4,485	4,375	111	783	495	288	515	61
25 to 54 years	4,011	3,915	97	617	362	255	499	48
55 years and over	474	460	14	166	133	33	16	13

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 1992									
	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	100,939	66.4	93,984	6,955	6.9	51,095	19,826	8,422	2,733	20,114
Husbands	40,193	77.2	38,357	1,836	4.6	11,851	238	184	1,017	10,412
With employed wife	27,102	91.0	25,973	1,129	4.2	2,686	119	112	446	2,009
With unemployed wife	1,274	93.0	1,110	165	12.9	96	4	4	24	65
With wife not in labor force	11,816	56.6	11,274	542	4.6	9,069	115	68	547	8,338
Wives	31,159	59.9	29,788	1,371	4.4	20,885	15,069	436	458	4,922
With employed husband	27,083	70.6	25,973	1,110	4.1	11,274	9,584	370	160	1,160
With unemployed husband	1,294	70.5	1,129	165	12.7	542	433	22	21	66
With husband not in labor force	2,782	23.5	2,686	96	3.5	9,069	5,052	44	277	3,696
Relatives in married-couple families	12,429	61.1	10,913	1,517	12.2	7,926	683	5,407	391	1,444
16 to 19 years	4,051	48.2	3,500	551	13.6	4,348	99	4,021	17	211
20 to 24 years	4,621	73.5	4,131	490	10.6	1,667	153	1,235	35	244
25 years and over	3,758	66.3	3,282	476	12.7	1,911	431	151	339	989
Women who maintain families	7,330	62.5	6,625	704	9.6	4,389	2,665	247	281	1,196
Relatives in families maintained by women	5,630	57.5	4,600	1,029	18.3	4,159	780	1,773	383	1,224
16 to 19 years	1,252	44.0	896	356	28.4	1,597	95	1,340	5	157
20 to 24 years	1,566	70.7	1,284	282	18.0	650	137	326	31	156
25 years and over	2,811	59.5	2,420	391	13.9	1,912	548	107	347	911
Men who maintain families	2,419	75.9	2,175	245	10.1	769	43	65	94	567
Relatives in families maintained by men	1,779	61.5	1,526	253	14.2	1,116	348	310	109	350
16 to 19 years	286	54.7	215	71	25.0	237	24	192	1	20
20 to 24 years	449	75.9	384	64	14.3	143	30	88	2	23
25 years and over	1,045	58.7	927	118	11.3	736	294	30	106	307

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. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992
Total, 16 years and over	4,983	5,058	7.3	7.3	3,576	3,771	6.3	6.5
Married, spouse present	2,062	2,061	4.9	4.8	1,449	1,498	4.6	4.7
Widowed, divorced, or separated	689	746	9.4	10.0	831	887	7.2	7.6
Single (never married)	2,232	2,252	12.2	12.1	1,295	1,386	9.2	9.7
White, 16 years and over	3,908	3,848	6.6	6.5	2,640	2,695	5.5	5.5
Married, spouse present	1,763	1,692	4.7	4.4	1,227	1,228	4.4	4.3
Widowed, divorced, or separated	544	598	8.9	9.6	617	660	6.6	7.1
Single (never married)	1,601	1,558	10.6	10.3	795	808	7.2	7.3
Black, 16 years and over	865	985	12.8	14.4	813	908	12.0	12.9
Married, spouse present	204	273	6.4	8.6	179	191	7.6	8.0
Widowed, divorced, or separated	125	125	12.1	12.8	185	196	9.3	9.9
Single (never married)	536	587	21.4	22.1	448	521	18.3	19.6
Total, 25 years and over	3,473	3,574	6.0	6.1	2,430	2,684	5.1	5.5
Married, spouse present	1,934	1,961	4.7	4.7	1,249	1,327	4.2	4.4
Widowed, divorced, or separated	658	718	9.2	9.9	737	845	6.6	7.5
Single (never married)	880	896	9.2	9.3	444	512	6.5	7.3
White, 25 years and over	2,787	2,820	5.6	5.6	1,826	1,987	4.5	4.9
Married, spouse present	1,649	1,603	4.5	4.3	1,059	1,090	4.0	4.1
Widowed, divorced, or separated	520	571	8.8	9.4	540	630	6.0	7.0
Single (never married)	618	645	7.9	8.3	228	266	4.5	5.2
Black, 25 years and over	540	614	9.7	11.1	527	576	9.2	9.9
Married, spouse present	191	265	6.1	8.6	154	161	6.9	7.1
Widowed, divorced, or separated	120	125	11.8	13.0	169	185	8.8	9.5
Single (never married)	229	224	15.9	15.2	203	230	13.2	14.0

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992
Total, 16 years and over	8,559	8,829	6.8	7.0	7.3	7.3	6.3	6.5
Managerial and professional specialty	865	964	2.6	3.0	2.7	3.0	2.6	2.9
Executive, administrative, and managerial	507	557	3.2	3.6	3.0	3.5	3.5	3.8
Professional specialty	358	407	2.1	2.4	2.3	2.4	1.9	2.4
Technical, sales, and administrative support	1,950	2,112	5.2	5.4	4.8	5.1	5.4	5.6
Technicians and related support	136	175	3.6	4.1	4.1	4.8	3.1	3.5
Sales occupations	814	894	5.6	5.9	4.5	4.2	6.6	7.6
Administrative support, including clerical	1,000	1,042	5.2	5.4	5.7	7.0	5.1	4.9
Service occupations	1,388	1,343	8.0	7.6	8.6	7.3	7.6	7.9
Private household	46	91	5.8	9.2	(¹)	(¹)	5.7	9.0
Protective service	95	79	4.5	3.6	4.4	2.9	4.9	7.4
Service, except private household and protective	1,248	1,173	8.6	8.2	10.0	8.8	7.8	7.8
Precision production, craft, and repair	1,169	1,255	8.3	8.7	8.5	8.6	6.7	9.0
Mechanics and repairers	260	316	5.6	6.6	5.6	6.7	3.7	1.8
Construction trades	674	662	12.8	12.1	12.8	12.1	15.4	12.3
Other precision production, craft, and repair	235	277	5.7	6.5	5.4	5.5	6.5	9.6
Operators, fabricators, and laborers	2,089	1,872	10.9	9.9	10.9	9.9	11.0	9.9
Machine operators, assemblers, and inspectors	867	777	10.2	9.3	9.4	8.8	11.5	10.2
Transportation and material moving occupations	446	394	8.4	7.5	8.5	7.7	7.2	5.2
Handlers, equipment cleaners, helpers, and laborers	776	702	14.6	13.2	15.3	13.6	11.3	11.1
Construction laborers	264	198	28.0	25.3	27.5	25.0	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	513	503	11.7	11.1	12.2	11.3	10.1	10.4
Farming, forestry, and fishing	287	356	8.8	10.4	8.8	9.7	9.2	14.1
No previous work experience	759	873	-	-	-	-	-	-
16 to 19 years	509	556	-	-	-	-	-	-
20 to 24 years	148	158	-	-	-	-	-	-
25 years and over	101	160	-	-	-	-	-	-

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

NOTE: Data for 1992 are not fully comparable with data for prior years

because of the introduction of the occupational classification system used in the 1990 census.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-13. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992
Total, 16 years and over	8,559	8,829	6.8	7.0	7.3	7.3	6.3	6.5
Nonagricultural private wage and salary workers	6,700	6,858	7.2	7.2	7.8	7.6	6.5	6.8
Mining	56	34	7.7	5.2	9.1	5.9	.2	1.0
Construction	1,029	980	17.5	16.7	17.8	17.2	13.2	10.0
Manufacturing	1,534	1,464	7.3	7.1	6.6	6.6	8.5	8.2
Durable goods	890	874	7.3	7.3	7.0	6.9	8.0	8.5
Lumber and wood products	69	61	9.8	9.2	10.3	8.7	6.6	12.0
Furniture and fixtures	48	49	7.5	7.1	8.2	5.9	5.5	9.8
Stone, clay, and glass products	56	49	8.7	8.5	9.7	7.2	5.0	14.7
Primary metal industries	40	49	4.8	6.3	4.2	6.1	9.0	7.3
Fabricated metal products	126	109	10.1	9.1	10.6	9.2	8.3	8.5
Machinery and computing equipment	150	135	6.1	5.7	5.2	5.6	9.3	6.1
Electrical machinery, equipment, and supplies	132	150	6.6	8.0	6.3	7.7	6.8	8.4
Transportation equipment	166	168	6.7	7.0	6.2	6.3	8.6	9.4
Automobiles	84	55	7.1	4.6	6.3	4.9	10.1	3.6
Other transportation equipment	82	113	6.3	9.3	6.1	7.7	7.1	15.5
Professional and photographic equipment	29	36	3.8	4.7	2.4	4.3	5.8	5.2
Other durable goods industries	74	68	15.2	11.5	15.4	10.7	16.4	12.3
Nondurable goods	644	590	7.2	6.8	6.0	6.1	8.9	7.8
Food and kindred products	175	149	9.4	8.8	7.6	7.0	12.6	12.7
Textile mill products	52	35	7.2	4.8	5.3	2.9	9.0	6.8
Apparel and other textile products	119	115	10.4	10.0	14.3	10.3	9.1	9.9
Paper and allied products	45	36	5.3	4.7	4.6	5.2	7.5	3.5
Printing and publishing	94	101	5.2	5.7	4.3	6.3	6.4	4.9
Chemicals and allied products	63	47	4.6	3.6	4.4	3.2	5.2	4.3
Rubber and miscellaneous plastics products	62	70	7.8	7.8	5.1	7.6	12.3	8.2
Other nondurable goods industries	35	37	8.8	10.4	7.1	9.3	11.9	12.1
Transportation and public utilities	402	342	5.9	5.0	6.1	5.5	5.5	3.9
Transportation	304	261	7.7	6.6	7.7	7.0	7.7	5.2
Communications and other public utilities	98	81	3.4	2.9	3.4	3.0	3.5	2.7
Wholesale and retail trade	1,793	1,839	7.5	7.4	7.1	6.5	7.9	8.5
Wholesale trade	214	313	5.0	6.7	4.6	5.9	5.9	8.7
Retail trade	1,579	1,525	8.0	7.6	7.9	6.7	8.1	8.4
Finance, insurance, and real estate	276	306	3.9	4.3	4.1	3.9	3.7	4.5
Service industries	1,610	1,894	5.9	6.6	6.6	7.4	5.4	6.0
Professional services	552	654	3.5	3.6	3.4	3.7	3.5	3.8
Other service industries	1,058	1,240	9.1	10.7	9.1	10.6	9.1	10.8
Agricultural wage and salary workers	225	260	13.2	14.2	13.3	13.3	13.0	17.2
Government, self-employed, and unpaid family workers	875	837	3.0	2.8	3.2	3.3	2.8	2.4
No previous work experience	759	873	-	-	-	-	-	-

NOTE: Data for 1992 are not fully comparable with data for prior years because of the introduction of the industrial classification system used in the 1990 census.

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. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992
NUMBER OF UNEMPLOYED												
Total unemployed	8,559	8,829	4,326	4,383	3,066	3,309	1,166	1,136	6,547	6,543	1,678	1,893
Job losers	5,091	5,142	3,241	3,183	1,565	1,727	285	232	3,955	3,949	968	1,002
On layoff	1,343	1,276	951	878	334	367	57	31	1,107	1,063	198	177
Other job losers	3,748	3,866	2,290	2,305	1,230	1,360	228	201	2,848	2,886	769	825
Job leavers	837	880	333	381	365	372	139	127	723	700	90	138
Reentrants	1,942	2,007	643	710	1,027	1,033	272	264	1,420	1,421	437	497
New entrants	688	801	109	110	110	177	470	514	450	473	183	256
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	59.5	58.2	74.9	72.6	51.0	52.2	24.4	20.4	60.4	60.4	57.7	52.9
On layoff	15.7	14.5	22.0	20.0	10.9	11.1	4.9	2.7	16.9	16.2	11.8	9.3
Other job losers	43.8	43.8	52.9	52.6	40.1	41.1	19.6	17.7	43.5	44.1	45.9	43.6
Job leavers	9.8	10.0	7.7	8.7	11.9	11.2	11.9	11.2	11.0	10.7	5.4	7.3
Reentrants	22.7	22.7	14.9	16.2	33.5	31.2	23.3	23.2	21.7	21.7	26.1	26.3
New entrants	8.0	9.1	2.5	2.5	3.6	5.4	40.3	45.2	6.9	7.2	10.9	13.5
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	4.1	4.1	5.0	4.9	2.9	3.1	4.5	3.6	3.7	3.6	7.1	7.2
Job leavers .....	.7	.7	.5	.6	.7	.7	2.2	2.0	.7	.6	.7	1.0
Reentrants	1.6	1.6	1.0	1.1	1.9	1.9	4.3	4.1	1.3	1.3	3.2	3.6
New entrants .....	.6	.6	.2	.2	.2	.3	7.4	8.0	.4	.4	1.4	1.8

**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 1992						
	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	8,829	100.0	31.2	31.0	37.8	16.2	21.5
Job losers	5,142	100.0	27.5	29.0	43.5	17.7	25.8
On layoff	1,276	100.0	47.0	32.0	21.0	9.9	11.0
Other job losers	3,866	100.0	21.1	28.0	51.0	20.2	30.7
Job leavers	880	100.0	35.8	33.5	30.8	14.2	16.5
Reentrants	2,007	100.0	36.5	33.6	29.8	13.5	16.3
New entrants	801	100.0	36.8	34.6	28.6	16.0	12.6
Men, 20 years and over	4,383	100.0	26.3	30.4	43.3	16.6	26.7
Job losers	3,183	100.0	25.7	29.9	44.5	16.8	27.7
On layoff	878	100.0	44.1	33.9	22.0	9.7	12.3
Other job losers	2,305	100.0	18.6	28.3	53.0	19.5	33.5
Job leavers	381	100.0	25.7	33.5	40.8	15.6	25.2
Reentrants	710	100.0	30.2	31.1	38.6	13.9	24.7
New entrants	110	100.0	21.4	30.7	47.9	29.2	18.7
Women, 20 years and over	3,309	100.0	33.2	30.4	36.4	17.0	19.4
Job losers	1,727	100.0	28.0	27.0	45.0	20.1	24.9
On layoff	367	100.0	50.7	28.8	20.5	11.5	9.0
Other job losers	1,360	100.0	21.9	26.6	51.6	22.4	29.2
Job leavers	372	100.0	41.3	32.7	26.0	13.8	12.2
Reentrants	1,033	100.0	37.8	36.0	26.2	13.5	12.7
New entrants	177	100.0	39.8	26.1	34.0	14.5	19.6
Both sexes, 16 to 19 years	1,136	100.0	44.6	35.0	20.5	12.9	7.6
Job losers	232	100.0	49.2	31.2	19.7	12.0	7.6
On layoff	31	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Other job losers	201	100.0	43.6	33.3	23.0	14.2	8.8
Job leavers	127	100.0	49.9	35.6	14.4	11.4	3.1
Reentrants	264	100.0	48.7	31.2	20.1	12.7	7.4
New entrants	514	100.0	39.0	38.4	22.6	13.7	8.9

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. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992
Total, 16 years and over	8,559	8,829	100.0	100.0	7,132	7,233	100.0	100.0
Less than 5 weeks	3,053	2,757	35.7	31.2	2,329	1,975	32.7	27.3
5 to 14 weeks	2,827	2,736	33.0	31.0	2,345	2,245	32.9	31.0
5 to 10 weeks	1,945	1,949	22.7	22.1	1,599	1,612	22.4	22.3
11 to 14 weeks	882	788	10.3	8.9	746	632	10.5	8.7
15 weeks and over	2,678	3,336	31.3	37.8	2,457	3,013	34.5	41.7
15 to 26 weeks	1,284	1,434	15.0	16.2	1,141	1,266	16.0	17.5
27 weeks and over	1,394	1,901	16.3	21.5	1,316	1,747	18.5	24.1
27 to 51 weeks	694	749	8.1	8.5	653	693	9.2	9.6
52 weeks and over	700	1,152	8.2	13.1	663	1,053	9.3	14.6
Average (mean) duration, in weeks	15.6	19.2	-	-	16.9	20.9	-	-
Median duration, in weeks	8.1	9.5	-	-	9.1	10.7	-	-

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. 1991	Dec. 1992	Dec. 1991	Dec. 1992
	December 1992										
Total, 16 years and over	8,829	2,757	2,736	1,434	1,901	19.2	9.5	35.7	31.2	31.3	37.8
16 to 19 years	1,136	506	397	146	87	11.0	5.6	45.4	44.6	15.3	20.5
20 to 24 years	1,435	542	479	255	158	13.4	7.2	44.0	37.8	20.8	28.8
25 to 34 years	2,501	766	809	400	526	18.7	9.4	34.7	30.6	32.8	37.0
35 to 44 years	2,014	544	584	350	536	22.4	12.1	29.8	27.0	36.7	44.0
45 to 54 years	1,094	247	311	172	365	25.4	14.0	28.7	22.6	42.7	49.0
55 to 64 years	544	116	135	100	193	28.1	17.0	29.3	21.3	45.3	53.8
65 years and over	105	36	21	11	37	28.4	13.2	28.1	34.2	49.3	45.9
Men, 16 years and over	5,058	1,458	1,566	805	1,229	21.0	10.2	34.5	28.8	32.7	40.2
16 to 19 years	675	305	233	80	57	11.3	5.6	46.7	45.3	14.9	20.2
20 to 24 years	809	282	290	141	97	14.3	7.9	40.4	34.8	21.4	29.4
25 to 34 years	1,384	393	445	226	320	20.4	9.9	31.7	28.4	35.4	39.5
35 to 44 years	1,120	255	332	179	355	25.4	13.6	28.9	22.7	38.5	47.6
45 to 54 years	658	136	176	103	243	27.4	16.5	30.1	20.7	45.6	52.6
55 to 64 years	364	65	84	73	141	30.7	19.8	34.1	18.0	41.1	58.8
65 years and over	48	22	6	4	16	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,771	1,299	1,170	629	672	16.8	8.5	37.3	34.5	29.3	34.5
16 to 19 years	461	201	164	67	30	10.5	5.5	43.7	43.5	15.8	21.0
20 to 24 years	625	261	189	114	61	12.3	6.3	48.9	41.7	20.0	28.1
25 to 34 years	1,117	374	363	174	206	16.6	8.5	38.9	33.4	29.2	34.0
35 to 44 years	894	289	253	172	181	18.7	10.3	31.0	32.3	34.0	39.4
45 to 54 years	436	111	135	69	121	22.3	11.7	26.7	25.4	38.8	43.6
55 to 64 years	180	50	51	27	52	23.0	12.0	21.0	27.9	52.7	43.7
65 years and over	57	14	15	7	22	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,543	2,145	2,028	1,012	1,357	18.7	9.1	36.0	32.8	30.7	36.2
Men	3,848	1,157	1,176	589	925	20.9	10.0	35.0	30.1	32.3	39.4
Women	2,695	988	853	423	432	15.6	7.7	37.4	36.7	28.2	31.7
Black, 16 years and over	1,893	501	587	341	464	20.9	11.1	35.6	26.5	33.0	42.5
Men	985	245	314	166	260	22.1	10.9	32.8	24.9	34.3	43.2
Women	908	256	273	175	204	19.7	11.2	38.6	28.2	31.7	41.8
Men, 16 years and over:											
Married, spouse present	2,061	489	615	322	635	24.6	12.7	32.9	23.7	37.9	46.4
Widowed, divorced, or separated	746	210	210	139	186	22.8	11.9	31.2	28.2	36.4	43.7
Single (never married)	2,252	759	741	344	408	17.1	8.5	37.1	33.7	26.8	33.4
Women, 16 years and over:											
Married, spouse present	1,498	520	485	245	247	16.3	8.0	38.0	34.7	30.4	32.8
Widowed, divorced, or separated	887	265	274	150	197	19.1	10.2	32.9	29.9	35.4	39.1
Single (never married)	1,386	513	410	234	228	16.0	7.8	39.4	37.0	24.2	33.4

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	
	December 1992							Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992
OCCUPATION											
Managerial and professional specialty	964	211	243	198	312	24.9	16.2	24.6	21.9	44.2	52.9
Technical, sales, and administrative support	2,112	620	676	340	476	19.5	10.1	31.6	29.4	35.5	38.6
Service occupations	1,343	514	384	200	246	17.0	8.1	39.0	38.3	26.8	33.1
Precision production, craft, and repair	1,255	375	383	184	313	21.0	9.8	33.8	29.9	33.4	39.6
Operators, fabricators, and laborers	1,872	572	587	307	407	19.9	9.5	38.3	30.6	29.7	38.1
Farming, forestry, and fishing	356	135	149	50	22	11.6	6.5	43.2	37.9	15.0	20.2
INDUSTRY¹											
Agriculture	260	94	115	41	10	10.3	7.1	44.4	36.2	12.9	20.0
Construction	1,004	362	322	119	199	17.6	8.0	40.0	36.1	27.1	31.8
Manufacturing	1,464	362	415	281	406	23.7	12.6	33.4	24.7	36.0	46.9
Durable goods	876	200	248	163	266	25.7	13.9	32.0	22.8	38.3	48.9
Nondurable goods	588	162	167	118	141	20.7	10.4	35.4	27.6	32.8	44.0
Transportation and public utilities	412	93	133	70	116	21.9	12.0	32.3	22.6	35.4	45.1
Wholesale and retail trade	1,844	595	577	299	372	18.4	9.4	35.8	32.3	28.8	36.4
Finance and service industries	2,489	793	724	400	572	19.9	10.2	32.0	31.9	34.4	39.1
Public administration	156	43	64	24	24	16.3	8.8	27.4	27.6	49.8	31.4
No previous work experience	873	322	303	137	112	14.4	7.0	45.5	36.9	22.4	28.5

¹ Includes wage and salary workers only.

NOTE: Data on occupations and industries for 1992 are not fully

comparable with data for prior years because of the introduction of the classification systems used in the 1990 census.

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

Sex, age, and race	December 1992								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over	8,829	7,488	23.0	9.4	73.7	43.1	23.8	6.0	1.79
16 to 19 years	1,136	1,099	8.8	4.5	80.9	32.1	17.7	4.0	1.48
20 to 24 years	1,435	1,280	23.6	6.0	73.8	43.4	24.2	4.9	1.76
25 to 34 years	2,501	2,094	27.5	9.3	76.3	44.4	22.8	3.9	1.84
35 to 44 years	2,014	1,664	26.6	13.8	71.0	45.7	26.0	7.7	1.91
45 to 54 years	1,094	844	27.0	13.1	69.7	46.8	28.4	11.2	1.96
55 to 64 years	544	423	17.5	6.8	65.3	48.0	24.6	6.7	1.69
65 years and over	105	84	8.1	16.4	52.7	38.6	25.3	14.8	1.56
Men, 16 years and over	5,058	4,122	26.1	10.2	74.3	43.7	26.2	6.4	1.87
16 to 19 years	675	649	8.7	4.8	82.7	31.3	19.0	4.1	1.51
20 to 24 years	809	711	26.5	6.8	72.6	47.4	29.5	5.1	1.88
25 to 34 years	1,384	1,100	31.1	9.9	78.0	43.4	26.2	3.9	1.92
35 to 44 years	1,120	852	32.6	17.2	68.2	46.9	27.9	8.0	2.01
45 to 54 years	658	504	30.5	11.9	71.8	47.4	29.2	12.9	2.04
55 to 64 years	364	277	19.6	7.9	70.9	47.8	22.3	8.7	1.77
65 years and over	48	29	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,771	3,366	19.3	8.5	73.1	42.4	20.8	5.5	1.70
16 to 19 years	461	450	9.0	4.1	78.4	33.2	15.9	3.9	1.44
20 to 24 years	625	569	20.0	5.0	75.3	38.3	17.5	4.6	1.61
25 to 34 years	1,117	994	23.6	8.7	74.4	45.5	19.0	3.9	1.75
35 to 44 years	894	812	20.3	10.4	73.9	44.5	24.0	7.3	1.80
45 to 54 years	436	340	21.7	15.0	66.6	46.0	27.3	8.7	1.85
55 to 64 years	180	146	13.6	4.5	54.5	48.2	29.1	2.7	1.53
65 years and over	57	54	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,543	5,424	21.8	8.9	73.7	44.7	23.7	6.2	1.79
Men	3,848	3,061	25.4	9.9	74.9	45.0	26.1	6.6	1.88
Women	2,695	2,363	17.0	7.7	72.2	44.3	20.7	5.8	1.68
Black, 16 years and over	1,893	1,712	27.7	11.4	74.0	36.5	22.7	5.3	1.78
Men	985	857	30.7	11.8	72.4	38.7	27.1	5.9	1.87
Women	908	855	24.7	10.9	75.6	34.3	18.3	4.8	1.69

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 1992								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over	8,829	7,488	23.0	9.4	73.7	43.1	23.8	6.0	1.79
Job losers ¹	5,142	3,849	29.6	11.8	73.8	46.9	27.5	5.5	1.95
Job leavers	880	864	24.5	7.0	75.2	46.9	17.7	2.8	1.74
Reentrants	2,007	1,979	14.8	7.8	72.5	38.7	20.3	8.6	1.63
New entrants	801	797	10.5	4.3	75.0	31.7	20.8	5.9	1.48
Men, 16 years and over	5,058	4,122	26.1	10.2	74.3	43.7	26.2	6.4	1.87
Job losers ¹	3,327	2,415	32.2	12.0	74.5	47.2	29.0	5.6	2.00
Job leavers	455	446	28.4	7.2	74.8	46.7	19.4	3.7	1.80
Reentrants	869	856	15.6	9.5	70.8	38.3	23.9	9.9	1.68
New entrants	408	405	9.4	4.1	79.6	31.2	21.7	7.5	1.53
Women, 16 years and over	3,771	3,366	19.3	8.5	73.1	42.4	20.8	5.5	1.70
Job losers ¹	1,815	1,434	25.2	11.6	72.6	46.5	25.0	5.3	1.86
Job leavers	425	418	20.4	6.7	75.5	47.2	15.8	1.8	1.67
Reentrants	1,137	1,123	14.1	6.6	73.7	38.9	17.6	7.7	1.59
New entrants	393	391	11.8	4.6	70.2	32.2	19.8	4.3	1.43

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. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992
All industries	116,549	118,073	63,025	63,809	53,524	54,264
16 to 19 years	5,186	5,260	2,557	2,683	2,628	2,577
16 to 17 years	1,945	2,007	930	1,001	1,015	1,006
18 to 19 years	3,240	3,253	1,627	1,682	1,613	1,571
20 to 24 years	12,024	12,110	6,265	6,320	5,759	5,791
25 to 54 years	84,800	86,029	46,009	46,570	38,791	39,459
25 to 34 years	32,731	32,328	18,010	17,721	14,720	14,607
35 to 44 years	31,530	31,875	16,887	17,159	14,643	14,716
45 to 54 years	20,539	21,826	11,112	11,690	9,428	10,136
55 to 64 years	11,264	11,252	6,350	6,260	4,913	4,992
55 to 59 years	6,741	6,792	3,770	3,759	2,970	3,033
60 to 64 years	4,523	4,460	2,580	2,502	1,943	1,959
65 years and over	3,276	3,422	1,843	1,976	1,432	1,446
Agriculture	2,862	2,931	2,239	2,339	623	592
16 to 19 years	131	195	106	155	26	40
16 to 17 years	64	76	44	67	20	9
18 to 19 years	67	119	61	88	6	31
20 to 24 years	275	296	233	245	42	51
25 to 54 years	1,743	1,777	1,320	1,371	423	406
25 to 34 years	709	741	548	579	161	163
35 to 44 years	587	592	439	466	148	125
45 to 54 years	447	444	333	326	114	118
55 to 64 years	461	401	366	342	95	59
55 to 59 years	251	201	187	168	65	33
60 to 64 years	209	200	179	175	30	25
65 years and over	252	262	214	225	38	37
Nonagricultural industries	113,687	115,142	60,785	61,470	52,901	53,672
16 to 19 years	5,054	5,064	2,452	2,528	2,602	2,537
16 to 17 years	1,881	1,931	886	934	995	997
18 to 19 years	3,173	3,133	1,566	1,594	1,607	1,540
20 to 24 years	11,749	11,814	6,032	6,074	5,718	5,740
25 to 54 years	83,057	84,252	44,688	45,199	38,368	39,053
25 to 34 years	32,021	31,586	17,463	17,142	14,559	14,444
35 to 44 years	30,943	31,283	16,447	16,692	14,495	14,591
45 to 54 years	20,093	21,382	10,778	11,364	9,314	10,018
55 to 64 years	10,803	10,851	5,984	5,918	4,819	4,933
55 to 59 years	6,489	6,591	3,583	3,591	2,906	3,000
60 to 64 years	4,314	4,261	2,401	2,327	1,913	1,934
65 years and over	3,024	3,160	1,629	1,751	1,394	1,409

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Occupation	Total		Men				Women			
	16 years and over		16 years and over		20 years and over		16 years and over		20 years and over	
	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992
Total	116,549	118,073	63,025	63,809	60,467	61,126	53,524	54,264	50,896	51,688
Managerial and professional specialty	31,865	31,679	17,123	16,523	17,032	16,451	14,742	15,156	14,602	15,041
Executive, administrative, and managerial	15,282	14,811	9,204	8,615	9,169	8,589	6,078	6,195	6,035	6,159
Officials and administrators, public administration	643	647	387	384	387	384	256	263	256	263
Other executive, administrative, and managerial	10,676	10,278	6,866	6,391	6,833	6,368	3,810	3,887	3,780	3,855
Management-related occupations	3,963	3,886	1,951	1,841	1,949	1,837	2,042	2,045	1,999	2,041
Professional specialty	16,583	16,869	7,919	7,908	7,864	7,862	8,664	8,961	8,567	8,882
Engineers	1,761	1,641	1,621	1,499	1,615	1,498	141	142	141	142
Mathematical and computer scientists	899	942	586	653	586	653	313	289	313	289
Natural scientists	456	485	336	357	333	357	120	128	120	128
Health diagnosing occupations	948	996	778	815	778	815	170	181	170	181
Health assessment and treating occupations	2,462	2,565	332	356	330	355	2,130	2,209	2,124	2,207
Teachers, college and university	857	773	496	423	493	420	361	350	351	341
Teachers, except college and university	4,274	4,560	1,099	1,138	1,086	1,127	3,175	3,423	3,130	3,389
Lawyers and judges	792	802	621	623	621	623	171	179	171	179
Other professional specialty occupations	4,133	4,106	2,050	2,045	2,021	2,014	2,083	2,061	2,046	2,026
Technical, sales, and administrative support	35,774	36,846	12,589	13,185	11,995	12,553	23,185	23,661	21,793	22,337
Technicians and related support	3,662	4,069	1,862	2,032	1,838	1,998	1,800	2,036	1,783	2,009
Health technologists and technicians	1,344	1,499	245	273	241	267	1,098	1,225	1,089	1,208
Engineering and science technicians	1,111	1,122	885	875	867	855	226	247	223	240
Technicians, except health, engineering, and science	1,207	1,447	732	884	730	875	475	564	470	562
Sales occupations	13,851	14,351	6,969	7,397	6,572	6,991	6,882	6,954	5,985	6,092
Supervisors and proprietors	3,577	3,865	2,281	2,506	2,249	2,483	1,296	1,359	1,277	1,334
Sales representatives, finance and business services	2,242	2,232	1,295	1,314	1,279	1,300	947	919	922	913
Sales representatives, commodities, except retail	1,528	1,685	1,188	1,322	1,170	1,299	340	363	340	354
Sales workers, retail and personal services	6,449	6,466	2,192	2,218	1,860	1,875	4,257	4,248	3,406	3,433
Sales-related occupations	55	103	14	38	14	35	41	65	41	58
Administrative support, including clerical	18,261	18,426	3,758	3,755	3,584	3,563	14,503	14,670	14,025	14,235
Supervisors	749	783	320	344	321	343	429	438	426	438
Computer equipment operators	744	583	229	206	226	204	514	377	498	374
Secretaries, stenographers, and typists	4,453	4,245	94	62	93	58	4,359	4,184	4,281	4,077
Financial records processing	2,315	2,256	215	208	213	202	2,100	2,048	2,071	2,035
Mail and message distributing	926	954	578	561	563	531	347	393	337	380
Other administrative support, including clerical	9,074	9,605	2,321	2,375	2,168	2,226	6,754	7,230	6,412	6,931
Service occupations	16,026	16,220	6,312	6,645	5,522	5,801	9,714	9,574	8,818	8,649
Private household	753	904	23	39	20	26	730	865	623	746
Protective service	2,008	2,121	1,702	1,807	1,673	1,780	306	315	287	301
Service, except private household and protective	13,265	13,194	4,587	4,800	3,829	3,994	8,678	8,395	7,909	7,602
Food service	5,442	5,567	2,192	2,347	1,622	1,702	3,249	3,220	2,711	2,698
Health service	2,218	2,077	241	247	232	228	1,977	1,830	1,900	1,766
Cleaning and building service	2,999	2,950	1,677	1,704	1,571	1,607	1,322	1,246	1,284	1,170
Personal service	2,606	2,600	476	501	405	457	2,130	2,099	2,013	1,969
Precision production, craft, and repair	12,903	13,223	11,805	12,080	11,626	11,875	1,098	1,143	1,072	1,122
Mechanics and repairers	4,399	4,465	4,256	4,335	4,203	4,256	144	130	142	126
Construction trades	4,597	4,800	4,532	4,725	4,449	4,634	65	75	65	75
Other precision production, craft, and repair	3,906	3,959	3,017	3,020	2,973	2,985	889	939	865	921
Operators, fabricators, and laborers	17,018	17,031	12,705	12,778	11,910	12,022	4,313	4,253	4,164	4,103
Machine operators, assemblers, and inspectors	7,618	7,540	4,623	4,589	4,467	4,448	2,995	2,970	2,926	2,905
Manufacturing industries	6,167	6,088	3,693	3,620	3,601	3,530	2,474	2,468	2,424	2,424
Durable goods	3,366	3,353	2,364	2,313	2,307	2,247	1,002	1,041	984	1,031
Nondurable goods	2,801	2,734	1,329	1,307	1,294	1,283	1,472	1,427	1,439	1,393
Nonmanufacturing industries	1,451	1,452	930	949	866	918	521	503	502	481
Transportation and material moving occupations	4,861	4,874	4,380	4,419	4,275	4,364	481	455	478	450
Motor vehicle operators	3,721	3,713	3,285	3,293	3,195	3,247	435	420	433	415
Other transportation and material moving occupations	1,141	1,161	1,095	1,126	1,080	1,117	46	35	46	35
Handlers, equipment cleaners, helpers, and laborers	4,538	4,618	3,701	3,790	3,169	3,210	837	827	760	748
Construction laborers	680	587	656	568	634	533	24	19	24	18
Other handlers, equipment cleaners, helpers, and laborers	3,859	4,031	3,046	3,222	2,535	2,677	812	808	736	730
Farming, forestry, and fishing	2,964	3,074	2,491	2,597	2,382	2,424	473	477	447	435
Farm operators and managers	1,129	1,133	938	956	931	949	191	176	190	176
Other farming, forestry, and fishing occupations	1,834	1,941	1,553	1,640	1,451	1,475	281	301	256	259

NOTE: Data for 1992 are not fully comparable with data for prior years because of the introduction of the occupational classification system used in the 1990 census.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992
TOTAL						
Total, 16 years and over (thousands)	116,549	118,073	63,025	63,809	53,524	54,264
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	27.3	26.8	27.2	25.9	27.5	27.9
Executive, administrative, and managerial	13.1	12.5	14.6	13.5	11.4	11.4
Professional specialty	14.2	14.3	12.6	12.4	16.2	16.5
Technical, sales, and administrative support	30.7	31.2	20.0	20.7	43.3	43.6
Technicians and related support	3.1	3.4	3.0	3.2	3.4	3.8
Sales occupations	11.9	12.2	11.1	11.6	12.9	12.8
Administrative support, including clerical	15.7	15.6	6.0	5.9	27.1	27.0
Service occupations	13.8	13.7	10.0	10.4	18.1	17.6
Private household .....	.6	.8	-	.1	1.4	1.6
Protective service	1.7	1.8	2.7	2.8	.6	.6
Service, except private household and protective	11.4	11.2	7.3	7.5	16.2	15.5
Precision production, craft, and repair	11.1	11.2	18.7	18.9	2.1	2.1
Operators, fabricators, and laborers	14.6	14.4	20.2	20.0	8.1	7.8
Machine operators, assemblers, and inspectors	6.5	6.4	7.3	7.2	5.6	5.5
Transportation and material moving occupations	4.2	4.1	6.9	6.9	.9	.8
Handlers, equipment cleaners, helpers, and laborers	3.9	3.9	5.9	5.9	1.6	1.5
Farming, forestry, and fishing	2.5	2.6	4.0	4.1	.9	.9
White						
Total, 16 years and over (thousands)	100,625	101,847	55,001	55,714	45,624	46,133
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	28.6	27.8	28.4	27.0	28.8	28.9
Executive, administrative, and managerial	13.9	13.2	15.4	14.2	12.0	11.9
Professional specialty	14.7	14.7	13.0	12.8	16.7	17.0
Technical, sales, and administrative support	31.0	31.6	20.1	20.9	44.1	44.5
Technicians and related support	3.2	3.4	3.0	3.1	3.4	3.7
Sales occupations	12.3	12.7	11.5	12.2	13.3	13.3
Administrative support, including clerical	15.5	15.5	5.8	5.6	27.4	27.6
Service occupations	12.5	12.5	9.0	9.3	16.7	16.5
Private household .....	.6	.7	-	.1	1.2	1.5
Protective service	1.6	1.6	2.5	2.6	.5	.5
Service, except private household and protective	10.3	10.2	6.4	6.6	15.1	14.5
Precision production, craft, and repair	11.5	11.6	19.3	19.6	2.0	2.0
Operators, fabricators, and laborers	13.8	13.7	19.1	19.1	7.4	7.2
Machine operators, assemblers, and inspectors	6.1	6.0	7.0	6.9	5.0	4.8
Transportation and material moving occupations	4.0	4.0	6.6	6.6	.9	.8
Handlers, equipment cleaners, helpers, and laborers	3.7	3.7	5.6	5.6	1.5	1.5
Farming, forestry, and fishing	2.7	2.8	4.1	4.3	1.0	1.0
Black						
Total, 16 years and over (thousands)	11,871	11,959	5,884	5,838	5,986	6,122
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	16.4	17.3	14.5	13.8	18.2	20.7
Executive, administrative, and managerial	7.2	7.5	7.9	7.4	6.5	7.7
Professional specialty	9.2	9.8	6.6	6.5	11.8	13.0
Technical, sales, and administrative support	28.2	28.1	16.9	17.9	39.2	37.8
Technicians and related support	2.5	3.6	2.0	3.5	3.0	3.7
Sales occupations	7.7	8.1	6.4	6.5	9.1	9.7
Administrative support, including clerical	17.9	16.3	8.5	8.0	27.1	24.3
Service occupations	23.4	23.3	18.6	19.8	28.0	26.6
Private household	1.2	1.4	-	.1	2.5	2.8
Protective service	2.9	3.2	4.5	5.3	1.3	1.2
Service, except private household and protective	19.2	18.6	14.1	14.3	24.2	22.6
Precision production, craft, and repair	8.8	8.6	15.5	15.2	2.3	2.4
Operators, fabricators, and laborers	21.5	21.2	31.1	30.5	12.0	12.3
Machine operators, assemblers, and inspectors	9.6	9.3	10.4	9.1	8.9	9.4
Transportation and material moving occupations	6.2	6.2	11.4	11.3	1.1	1.3
Handlers, equipment cleaners, helpers, and laborers	5.6	5.7	9.3	10.0	2.0	1.6
Farming, forestry, and fishing	1.8	1.5	3.4	2.9	.3	.3

NOTE: Data for 1992 are not fully comparable with data for prior years because of the introduction of the occupational classification

system used in the 1990 census.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	December 1992								
	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	106,221	1,067	18,334	86,820	8,715	206	1,572	1,279	80
16 to 19 years	4,986	146	219	4,621	67	12	161	10	24
16 to 17 years	1,905	103	53	1,748	18	8	57	5	14
18 to 19 years	3,081	43	166	2,873	48	4	105	5	10
20 to 24 years	11,551	155	1,108	10,289	255	9	250	45	2
25 to 34 years	29,803	187	4,169	25,448	1,748	36	499	229	14
35 to 44 years	28,562	205	5,700	22,657	2,663	58	318	269	5
45 to 54 years	19,153	135	4,688	14,331	2,172	57	174	257	13
55 to 64 years	9,607	148	2,040	7,418	1,217	27	122	270	9
55 to 59 years	5,879	81	1,307	4,491	699	13	76	120	5
60 to 64 years	3,728	68	733	2,927	519	14	46	149	4
65 years and over	2,559	92	411	2,056	593	7	49	200	13
Men, 16 years and over	55,754	120	8,194	47,439	5,673	43	1,229	1,079	31
16 to 19 years	2,492	25	97	2,370	28	8	127	10	18
16 to 17 years	923	22	16	884	6	6	49	5	13
18 to 19 years	1,569	3	80	1,486	23	2	78	5	5
20 to 24 years	5,915	33	488	5,393	154	6	205	41	-
25 to 34 years	15,978	22	1,946	14,010	1,154	11	389	185	5
35 to 44 years	14,982	17	2,401	12,564	1,701	9	248	217	1
45 to 54 years	9,950	11	2,134	7,806	1,411	3	122	201	3
55 to 64 years	5,081	8	933	4,140	835	2	100	243	-
55 to 59 years	3,113	2	565	2,546	477	1	63	105	-
60 to 64 years	1,968	5	368	1,595	358	1	37	138	-
65 years and over	1,357	6	195	1,156	390	4	38	182	5
Women, 16 years and over	50,467	947	10,140	39,381	3,042	163	344	200	49
16 to 19 years	2,494	121	122	2,251	38	4	34	-	6
16 to 17 years	982	81	37	864	13	2	8	-	1
18 to 19 years	1,512	40	85	1,386	26	2	27	-	4
20 to 24 years	5,636	121	620	4,895	101	3	45	3	2
25 to 34 years	13,825	165	2,222	11,438	593	25	110	44	9
35 to 44 years	13,580	188	3,299	10,094	962	49	70	51	4
45 to 54 years	9,203	124	2,554	6,525	762	53	51	57	10
55 to 64 years	4,526	141	1,107	3,278	382	25	22	27	10
55 to 59 years	2,766	79	742	1,945	222	12	13	15	5
60 to 64 years	1,760	62	365	1,332	161	13	9	12	5
65 years and over	1,202	86	217	900	203	4	11	18	8

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-25. Employed civilians by industry and occupation

(In thousands)

Industry	December 1992												
	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	2,931	92	63	39	14	123	-	6	52	6	42	16	2,478
Mining	640	104	60	24	9	72	-	10	191	23	93	56	-
Construction	6,869	942	132	40	64	377	-	21	4,062	95	451	670	14
Manufacturing	19,711	2,319	1,636	673	827	2,181	-	325	3,874	6,088	696	1,004	87
Durable goods	11,414	1,351	1,068	454	333	1,197	-	167	2,584	3,353	346	477	85
Nondurable goods	8,297	968	568	219	494	984	-	159	1,290	2,734	350	528	2
Transportation and public utilities	8,288	965	478	385	223	2,252	-	266	1,244	114	1,892	460	9
Wholesale and retail trade	24,925	2,085	423	159	10,348	2,394	-	4,737	1,410	343	1,007	1,978	41
Wholesale trade	4,683	521	75	32	1,888	831	-	37	285	122	472	398	24
Retail trade	20,242	1,564	348	128	8,461	1,563	-	4,700	1,125	220	535	1,580	18
Finance, insurance, and real estate	7,690	1,970	261	147	1,908	2,843	-	299	169	15	9	7	61
Services	41,358	5,071	12,964	2,330	936	6,814	904	8,176	1,998	820	604	378	361
Private households	1,085	5	3	12	2	13	904	75	14	1	15	13	27
Other service industries	40,273	5,066	12,961	2,318	934	6,801	-	8,102	1,983	819	590	365	334
Professional services	28,413	3,280	11,633	1,952	185	5,120	-	5,086	400	207	363	105	83
Public administration	5,662	1,264	851	272	22	1,369	-	1,475	225	36	80	48	22

¹ Includes protective service, not shown separately.

NOTE: Data for 1992 are not fully comparable with data for prior years

because of the introduction of the occupational and industrial classification systems used in the 1990 census.

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. 1991	Dec. 1992	Total		Wage and salary workers ¹			
			Dec. 1991	Dec. 1992	Paid absences		Unpaid absences	
					Dec. 1991	Dec. 1992	Dec. 1991	Dec. 1992
Total, 16 years and over	4,162	4,006	4,001	3,854	1,809	1,576	1,604	1,716
Vacation	1,521	1,239	1,485	1,202	1,055	808	284	247
Illness	1,301	1,290	1,264	1,269	514	511	633	627
Bad weather	122	198	98	150	(²)	(²)	(²)	(²)
Industrial dispute	20	14	20	14	(²)	(²)	(²)	(²)
All other reasons	1,198	1,265	1,133	1,219	240	257	687	842
Men, 16 years and over	2,218	2,046	2,078	1,924	985	804	745	795
Vacation	924	701	891	677	663	482	155	121
Illness	620	590	593	574	233	227	292	275
All other reasons ³	674	755	593	673	89	95	298	398
Women, 16 years and over	1,943	1,960	1,923	1,930	824	772	859	922
Vacation	596	538	594	525	393	326	129	126
Illness	681	700	672	694	280	283	341	352
All other reasons ³	666	722	658	710	151	163	389	445

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 1992					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	114,067	2,779	111,288	100.0	100.0	100.0
1 to 34 hours	28,588	974	27,614	25.1	35.0	24.8
1 to 4 hours	963	44	919	.8	1.6	.8
5 to 14 hours	4,809	259	4,550	4.2	9.3	4.1
15 to 29 hours	14,423	470	13,953	12.6	16.9	12.5
30 to 34 hours	8,394	202	8,192	7.4	7.3	7.4
35 hours and over	85,479	1,805	83,674	74.9	64.9	75.2
35 to 39 hours	7,416	141	7,275	6.5	5.1	6.5
40 hours	43,174	563	42,611	37.8	20.3	38.3
41 hours and over	34,889	1,101	33,788	30.6	39.6	30.4
41 to 48 hours	12,037	214	11,823	10.6	7.7	10.6
49 to 59 hours	13,233	349	12,883	11.6	12.6	11.6
60 hours and over	9,619	538	9,081	8.4	19.4	8.2
Average hours, total at work	39.2	39.8	39.2	-	-	-
Average hours, workers on full-time schedules	43.9	46.5	43.8	-	-	-

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

(Numbers in thousands)

Reason for working less than 35 hours	December 1992					
	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	28,588	8,395	20,194	27,614	7,921	19,694
Economic reasons	6,215	1,998	4,218	5,935	1,850	4,085
Slack work	3,313	1,793	1,520	3,095	1,656	1,439
Material shortages or repairs to plant and equipment	28	28	-	25	25	-
New job started during week	124	124	-	118	118	-
Job terminated during week	52	52	-	51	51	-
Could find only part-time work	2,697	-	2,697	2,646	-	2,646
Other reasons	22,373	6,397	15,976	21,679	6,070	15,609
Does not want, or unavailable for, full-time work	13,184	-	13,184	12,925	-	12,925
Vacation	1,384	1,384	-	1,370	1,370	-
Illness	1,912	1,730	182	1,880	1,713	167
Bad weather	1,596	1,596	-	1,365	1,365	-
Industrial dispute	1	1	-	1	1	-
Legal or religious holiday	129	129	-	126	126	-
Full time for this job	1,682	-	1,682	1,642	-	1,642
All other reasons	2,486	1,557	929	2,369	1,495	874
Average hours:						
Economic reasons	22.1	24.0	21.2	22.2	24.3	21.3
Other reasons	21.3	26.3	19.3	21.4	26.6	19.3
Worked 30 to 34 hours:						
Economic reasons	1,949	851	1,098	1,903	822	1,081
Other reasons	6,445	3,427	3,018	6,290	3,331	2,959

**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 1992								
	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	111,288	5,935	15,609	89,744	55,956	11,823	21,965	39.2	43.8
Wage and salary workers	102,885	5,143	14,208	83,534	53,163	11,221	19,150	39.1	43.5
Mining	604	13	15	575	271	96	209	46.3	47.6
Construction	5,068	416	236	4,417	2,951	554	912	39.5	42.3
Manufacturing	18,611	473	606	17,533	10,710	2,968	3,855	42.4	43.6
Durable goods	10,813	181	256	10,376	6,249	1,740	2,388	43.0	43.8
Nondurable goods	7,798	292	350	7,156	4,461	1,228	1,467	41.6	43.4
Transportation and public utilities	7,664	253	435	6,976	4,077	1,045	1,854	42.7	44.8
Wholesale and retail trade	22,381	1,735	5,341	15,304	8,949	2,228	4,128	36.9	44.3
Finance, insurance, and real estate	6,903	173	612	6,118	4,081	710	1,326	40.2	42.8
Service industries	36,175	2,009	6,678	27,488	18,436	3,074	5,977	37.4	43.0
Private households	1,036	208	433	398	278	18	100	26.4	44.7
All other industries	35,138	1,801	6,245	27,092	18,158	3,056	5,877	37.8	43.0
Public administration	5,479	70	286	5,122	3,687	546	889	40.9	42.4
Self-employed workers	8,199	789	1,329	6,081	2,707	596	2,778	40.3	48.0
Unpaid family workers	206	3	71	131	88	6	37	35.3	43.8

NOTE: Data for 1992 are not fully comparable with data for prior years because of the introduction of the industrial classification system used in the 1990 census.

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 1992							
	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	111,288	5,935	15,609	89,744	55,956	33,788	39.2	43.8
16 to 19 years	4,953	418	3,344	1,191	915	276	22.6	39.7
16 to 17 years	1,886	43	1,725	119	105	14	16.2	35.9
18 to 19 years	3,067	375	1,620	1,072	810	262	26.5	40.1
20 years and over	106,335	5,518	12,264	88,553	55,041	33,512	40.0	43.8
20 to 24 years	11,492	942	2,608	7,942	5,512	2,430	35.4	42.1
25 years and over	94,843	4,576	9,656	80,611	49,529	31,082	40.5	44.0
25 to 44 years	60,916	3,043	5,073	52,800	31,965	20,835	41.1	44.1
45 to 64 years	30,957	1,399	3,126	26,432	16,619	9,813	40.6	43.9
65 years and over	2,971	134	1,459	1,378	943	435	28.9	42.1
Men, 16 years and over	59,546	2,842	4,860	51,843	28,626	23,217	42.0	45.3
16 to 19 years	2,468	205	1,587	676	521	156	23.5	39.2
16 to 17 years	906	20	815	71	65	6	16.8	(¹)
18 to 19 years	1,562	186	771	605	455	150	27.4	39.7
20 years and over	57,077	2,637	3,273	51,167	28,106	23,061	42.8	45.4
20 to 24 years	5,924	480	1,107	4,338	2,824	1,514	37.0	43.0
25 years and over	51,153	2,158	2,166	46,829	25,282	21,548	43.5	45.6
25 to 44 years	32,941	1,489	732	30,720	16,190	14,530	44.1	45.7
45 to 64 years	16,578	619	689	15,270	8,527	6,743	43.5	45.5
65 years and over	1,635	49	745	841	567	273	30.4	42.3
Women, 16 years and over	51,742	3,093	10,749	37,901	27,330	10,571	36.0	41.7
16 to 19 years	2,485	212	1,757	515	394	121	21.7	40.4
16 to 17 years	979	23	909	47	39	8	15.6	(¹)
18 to 19 years	1,505	190	848	467	355	112	25.6	40.7
20 years and over	49,258	2,880	8,991	37,386	26,936	10,451	36.7	41.7
20 to 24 years	5,568	462	1,501	3,605	2,688	917	33.6	41.0
25 years and over	43,690	2,418	7,490	33,782	24,248	9,534	37.1	41.8
25 to 44 years	27,975	1,554	4,340	22,081	15,778	6,303	37.5	41.9
45 to 64 years	14,379	779	2,435	11,165	8,097	3,068	37.2	41.7
65 years and over	1,336	85	714	537	376	161	27.2	41.8
RACE								
White, 16 years and over	95,831	4,755	13,941	77,135	46,492	30,643	39.3	44.0
Men	51,901	2,313	4,240	45,349	24,063	21,286	42.3	45.6
Women	43,930	2,442	9,702	31,787	22,429	9,357	35.8	41.8
Black, 16 years and over	11,394	927	1,123	9,344	7,224	2,120	38.2	41.9
Men	5,499	420	403	4,676	3,404	1,272	39.6	42.9
Women	5,895	507	720	4,668	3,820	848	36.8	40.9
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	38,113	1,293	1,551	35,269	18,542	16,727	44.0	45.9
Widowed, divorced, or separated	6,243	416	280	5,548	3,180	2,368	42.1	44.8
Single (never married)	15,190	1,134	3,029	11,026	6,904	4,122	37.1	43.7
Women, 16 years and over:								
Married, spouse present	28,937	1,540	6,039	21,358	15,738	5,619	36.0	41.4
Widowed, divorced, or separated	10,275	874	1,288	8,313	5,801	2,511	38.3	42.2
Single (never married)	12,530	878	3,421	8,231	5,790	2,441	34.1	42.0

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 1992								Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules						
				Total	40 hours or less	41 to 48 hours	49 hours or more			
Total, 16 years and over¹	111,156	5,905	15,631	89,619	55,836	11,834	21,950	39.2	43.8	
Managerial and professional specialty	30,772	685	2,968	27,120	14,831	3,468	8,821	42.1	45.1	
Executive, administrative, and managerial	14,478	236	802	13,439	6,744	1,776	4,919	44.1	45.9	
Professional specialty	16,295	449	2,165	13,681	8,087	1,692	3,902	40.3	44.3	
Technical, sales, and administrative support	35,795	1,573	6,508	27,715	18,366	3,547	5,802	37.9	43.0	
Technicians and related support	3,943	69	512	3,362	2,303	488	572	39.6	42.6	
Sales occupations	13,808	859	2,964	10,086	5,107	1,336	3,643	39.0	46.0	
Administrative support, including clerical	17,944	646	3,031	14,267	10,956	1,724	1,587	36.7	40.9	
Service occupations	15,644	1,727	4,234	9,684	6,945	995	1,743	33.9	42.8	
Private household	879	151	388	340	237	15	89	26.3	44.5	
Protective service	2,040	41	163	1,837	1,110	228	498	43.1	45.9	
Service, except private household and protective	12,725	1,534	3,684	7,507	5,598	753	1,156	33.0	42.0	
Precision production, craft, and repair	12,688	644	372	11,471	7,042	1,726	2,704	41.6	43.8	
Operators, fabricators, and laborers	16,256	1,077	1,549	13,630	8,652	2,098	2,880	39.8	43.4	
Machine operators, assemblers, and inspectors	7,205	378	312	6,515	4,368	1,055	1,092	40.7	42.7	
Transportation and material moving occupations	4,626	267	400	3,959	2,047	561	1,350	42.6	46.1	
Handlers, equipment cleaners, helpers, and laborers	4,425	432	837	3,156	2,237	481	438	35.4	41.5	
Men, 16 years and over¹	59,312	2,807	4,838	51,667	28,466	7,259	15,942	42.0	45.3	
Managerial and professional specialty	16,168	287	804	15,077	7,026	1,912	6,139	45.1	47.0	
Executive, administrative, and managerial	8,469	143	242	8,084	3,410	1,032	3,643	46.5	47.7	
Professional specialty	7,700	145	562	6,993	3,616	881	2,496	43.7	46.2	
Technical, sales, and administrative support	12,860	432	1,408	11,040	5,695	1,573	3,772	42.3	46.0	
Technicians and related support	1,983	37	98	1,848	1,183	266	399	42.3	43.9	
Sales occupations	7,237	274	808	6,154	2,540	841	2,773	43.9	48.0	
Administrative support, including clerical	3,660	120	502	3,038	1,971	466	600	39.0	43.2	
Service occupations	6,460	563	1,269	4,627	3,136	554	937	36.9	43.8	
Private household	39	9	17	13	11	2	-	(²)	(²)	
Protective service	1,738	34	102	1,602	937	200	465	44.3	46.5	
Service, except private household and protective	4,683	520	1,150	3,013	2,168	353	472	34.2	42.3	
Precision production, craft, and repair	11,590	795	303	10,493	6,357	1,576	2,560	41.7	43.9	
Operators, fabricators, and laborers	12,213	729	1,055	10,429	6,252	1,643	2,534	40.7	44.1	
Machine operators, assemblers, and inspectors	4,379	156	140	4,083	2,534	709	840	42.1	43.6	
Transportation and material moving occupations	4,190	224	267	3,699	1,870	532	1,296	43.4	46.4	
Handlers, equipment cleaners, helpers, and laborers	3,645	350	647	2,648	1,848	402	398	35.8	41.7	
Women, 16 years and over¹	51,844	3,098	10,793	37,953	27,370	4,575	6,008	36.0	41.7	
Managerial and professional specialty	14,604	397	2,164	12,043	7,805	1,555	2,683	38.8	42.7	
Executive, administrative, and managerial	6,009	93	560	5,356	3,335	744	1,277	40.9	43.2	
Professional specialty	8,595	304	1,604	6,687	4,470	811	1,406	37.3	42.3	
Technical, sales, and administrative support	22,916	1,141	5,100	16,675	12,671	1,974	2,029	35.5	41.0	
Technicians and related support	1,960	31	414	1,514	1,119	222	173	36.8	41.1	
Sales occupations	6,671	584	2,156	3,931	2,567	495	870	33.7	42.9	
Administrative support, including clerical	14,285	528	2,530	11,229	8,985	1,257	987	36.1	40.3	
Service occupations	9,164	1,163	2,965	5,056	3,809	441	806	31.8	41.9	
Private household	840	142	371	327	226	13	89	26.6	44.7	
Protective service	302	7	61	235	173	28	34	35.6	41.8	
Service, except private household and protective	8,041	1,014	2,533	4,494	3,410	400	684	32.2	41.7	
Precision production, craft, and repair	1,097	49	69	979	685	151	143	39.8	42.3	
Operators, fabricators, and laborers	4,042	347	495	3,200	2,399	454	347	37.2	41.1	
Machine operators, assemblers, and inspectors	2,826	222	172	2,432	1,834	346	252	38.6	41.1	
Transportation and material moving occupations	436	43	133	260	177	29	54	34.4	42.6	
Handlers, equipment cleaners, helpers, and laborers	781	82	190	508	389	79	40	33.6	40.7	

¹ Excludes farming, forestry, and fishing occupations.

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

NOTE: Data for 1992 are not fully comparable with data for prior years

because of the introduction of the occupational classification system used in the 1990 census.

**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	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL													
Noninstitutional population ¹	192,209	192,358	192,469	192,607	192,745	192,881	193,025	193,190	193,356	193,513	193,683	193,847	194,026
Labor force ¹	127,340	127,627	127,770	128,133	128,320	128,613	128,868	128,918	128,970	128,840	128,618	128,896	129,108
Percent of population ²	66.3	66.3	66.4	66.5	66.6	66.7	66.8	66.7	66.7	66.6	66.4	66.5	66.5
Total employed ¹	118,356	118,635	118,547	118,849	119,095	119,154	119,080	119,290	119,346	119,290	119,239	119,595	119,828
Employment-population ratio ³	61.6	61.7	61.6	61.7	61.8	61.8	61.7	61.7	61.7	61.6	61.6	61.7	61.8
Resident Armed Forces	1,604	1,599	1,585	1,585	1,577	1,574	1,570	1,568	1,566	1,566	1,552	1,531	1,517
Civilian employed	116,752	117,036	116,962	117,264	117,518	117,580	117,510	117,722	117,780	117,724	117,687	118,064	118,311
Agriculture	3,169	3,146	3,213	3,194	3,206	3,186	3,244	3,207	3,218	3,221	3,169	3,209	3,262
Nonagricultural industries	113,583	113,890	113,749	114,070	114,312	114,394	114,266	114,515	114,562	114,503	114,518	114,855	115,049
Unemployed	8,984	8,992	9,223	9,284	9,225	9,459	9,788	9,628	9,624	9,550	9,379	9,301	9,280
Unemployment rate ⁴	7.1	7.0	7.2	7.2	7.2	7.4	7.6	7.5	7.5	7.4	7.3	7.2	7.2
Not in labor force	64,869	64,731	64,699	64,474	64,425	64,268	64,157	64,272	64,386	64,673	65,065	64,951	64,918
Men													
Noninstitutional population ¹	92,439	92,521	92,578	92,655	92,733	92,806	92,882	92,971	93,061	93,146	93,238	93,324	93,420
Labor force ¹	69,930	70,067	70,089	70,324	70,460	70,741	70,827	70,723	70,840	70,860	70,728	70,708	70,754
Percent of population ²	75.6	75.7	75.7	75.9	76.0	76.2	76.3	76.1	76.1	76.1	75.9	75.8	75.7
Total employed ¹	64,829	64,893	64,765	64,964	65,194	65,244	65,161	65,238	65,309	65,383	65,318	65,416	65,554
Employment-population ratio ³	70.1	70.1	70.0	70.1	70.3	70.3	70.2	70.2	70.2	70.2	70.1	70.1	70.2
Resident Armed Forces	1,431	1,427	1,414	1,417	1,417	1,414	1,410	1,408	1,408	1,407	1,394	1,373	1,360
Civilian employed	63,398	63,466	63,351	63,547	63,777	63,830	63,751	63,830	63,901	63,976	63,924	64,043	64,194
Unemployed	5,101	5,174	5,324	5,360	5,266	5,497	5,666	5,485	5,531	5,477	5,410	5,292	5,200
Unemployment rate ⁴	7.3	7.4	7.6	7.6	7.5	7.8	8.0	7.8	7.8	7.7	7.6	7.5	7.3
Not in labor force	22,509	22,454	22,489	22,331	22,273	22,065	22,055	22,248	22,221	22,286	22,510	22,616	22,666
Women													
Noninstitutional population ¹	99,770	99,837	99,891	99,951	100,012	100,075	100,142	100,220	100,295	100,367	100,445	100,523	100,606
Labor force ¹	57,410	57,560	57,681	57,809	57,860	57,872	58,041	58,195	58,130	57,980	57,890	58,188	58,354
Percent of population ²	57.5	57.7	57.7	57.8	57.9	57.8	58.0	58.1	58.0	57.8	57.6	57.9	58.0
Total employed ¹	53,527	53,742	53,782	53,885	53,901	53,910	53,919	54,052	54,037	53,907	53,921	54,179	54,274
Employment-population ratio ³	53.7	53.8	53.8	53.9	53.9	53.9	53.8	53.9	53.9	53.7	53.7	53.9	53.9
Resident Armed Forces	173	172	171	168	160	160	160	160	158	159	158	158	157
Civilian employed	53,354	53,570	53,611	53,717	53,741	53,750	53,759	53,892	53,879	53,748	53,763	54,021	54,117
Unemployed	3,883	3,818	3,899	3,924	3,959	3,962	4,122	4,143	4,093	4,073	3,969	4,009	4,080
Unemployment rate ⁴	6.8	6.6	6.8	6.8	6.8	6.8	7.1	7.1	7.0	7.0	6.9	6.9	7.0
Not in labor force	42,360	42,277	42,210	42,142	42,152	42,203	42,101	42,025	42,165	42,387	42,555	42,335	42,252

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 1992. 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	1991		1992										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
WHITE													
Civilian noninstitutional population ¹	162,047	162,144	162,219	162,305	162,398	162,483	162,575	162,682	162,791	162,891	163,013	163,132	163,259
Civilian labor force	107,711	107,992	108,071	108,405	108,412	108,551	108,671	108,783	108,707	108,606	108,483	108,723	108,946
Percent of population	66.5	66.6	66.6	66.8	66.8	66.8	66.8	66.9	66.8	66.7	66.5	66.6	66.7
Employed	100,821	101,172	101,085	101,340	101,479	101,530	101,307	101,558	101,524	101,412	101,458	101,816	102,043
Employment-population ratio ²	62.2	62.4	62.3	62.4	62.5	62.5	62.3	62.4	62.4	62.3	62.2	62.4	62.5
Unemployed	6,890	6,820	6,986	7,065	6,933	7,021	7,364	7,225	7,183	7,194	7,025	6,907	6,903
Unemployment rate	6.4	6.3	6.5	6.5	6.4	6.5	6.8	6.6	6.6	6.6	6.5	6.4	6.3
Men, 20 years and over													
Civilian labor force	56,307	56,480	56,501	56,678	56,779	56,944	56,921	56,927	56,926	56,902	56,910	56,858	56,937
Percent of population	77.5	77.7	77.7	77.8	77.9	78.1	78.0	77.9	77.9	77.8	77.7	77.6	77.6
Employed	52,903	52,973	52,945	53,127	53,244	53,290	53,221	53,310	53,300	53,279	53,305	53,369	53,543
Employment-population ratio ²	72.8	72.9	72.8	73.0	73.1	73.1	72.9	73.0	72.9	72.8	72.8	72.8	73.0
Unemployed	3,404	3,507	3,556	3,551	3,535	3,654	3,700	3,617	3,626	3,623	3,605	3,489	3,394
Unemployment rate	6.0	6.2	6.3	6.3	6.2	6.4	6.5	6.4	6.4	6.4	6.3	6.1	6.0
Women, 20 years and over													
Civilian labor force	45,555	45,718	45,771	45,984	45,948	45,864	46,028	46,162	46,055	45,888	45,905	46,095	46,240
Percent of population	57.8	58.0	58.0	58.2	58.2	58.0	58.2	58.3	58.2	57.9	57.9	58.1	58.3
Employed	43,107	43,343	43,349	43,510	43,486	43,458	43,504	43,557	43,468	43,326	43,365	43,661	43,667
Employment-population ratio ²	54.7	55.0	54.9	55.1	55.0	55.0	55.0	54.9	54.9	54.7	54.7	55.0	55.0
Unemployed	2,448	2,375	2,422	2,474	2,462	2,406	2,524	2,605	2,587	2,562	2,540	2,434	2,573
Unemployment rate	5.4	5.2	5.3	5.4	5.4	5.2	5.5	5.6	5.6	5.6	5.5	5.3	5.6
Both sexes, 16 to 19 years													
Civilian labor force	5,849	5,794	5,799	5,743	5,685	5,743	5,722	5,694	5,726	5,816	5,668	5,770	5,769
Percent of population	55.3	54.9	55.0	54.5	54.1	54.7	54.6	54.4	54.6	55.4	54.0	54.9	54.9
Employed	4,811	4,856	4,791	4,703	4,749	4,782	4,582	4,691	4,756	4,807	4,788	4,786	4,833
Employment-population ratio ²	45.5	46.0	45.4	44.7	45.2	45.6	43.7	44.9	45.4	45.8	45.6	45.5	46.0
Unemployed	1,038	938	1,008	1,040	936	961	1,140	1,003	970	1,009	880	984	936
Unemployment rate	17.7	16.2	17.4	18.1	16.5	16.7	19.9	17.6	16.9	17.3	15.5	17.1	16.2
Men	18.5	17.3	19.0	20.0	17.8	18.4	21.2	18.8	18.5	18.7	15.9	17.7	17.2
Women	17.0	14.9	15.6	16.0	15.0	14.9	18.4	16.3	15.2	15.8	15.1	16.4	15.1
BLACK													
Civilian noninstitutional population ¹	21,774	21,803	21,828	21,854	21,882	21,909	21,937	21,966	21,997	22,027	22,061	22,096	22,131
Civilian labor force	13,620	13,742	13,715	13,729	13,756	13,869	14,001	13,995	14,106	13,981	13,948	13,894	13,935
Percent of population	62.6	63.0	62.8	62.8	62.9	63.3	63.8	63.7	64.1	63.5	63.2	62.9	63.0
Employed	11,868	11,860	11,818	11,814	11,857	11,858	11,971	11,979	12,098	12,033	11,984	11,948	11,960
Employment-population ratio ²	54.5	54.4	54.1	54.1	54.2	54.1	54.6	54.5	55.0	54.6	54.3	54.1	54.0
Unemployed	1,752	1,882	1,897	1,915	1,899	2,011	2,030	2,016	2,008	1,948	1,964	1,946	1,975
Unemployment rate	12.9	13.7	13.8	13.9	13.8	14.5	14.5	14.4	14.2	13.9	14.1	14.0	14.2
Men, 20 years and over													
Civilian labor force	6,418	6,443	6,407	6,450	6,424	6,487	6,512	6,481	6,534	6,495	6,499	6,481	6,450
Percent of population	73.2	73.4	72.8	73.2	72.8	73.4	73.6	73.1	73.6	73.1	73.0	72.6	72.1
Employed	5,648	5,591	5,554	5,557	5,601	5,595	5,626	5,602	5,634	5,620	5,611	5,640	5,589
Employment-population ratio ²	64.4	63.7	63.1	63.1	63.5	63.3	63.6	63.2	63.5	63.2	63.0	63.2	62.5
Unemployed	770	852	853	893	823	892	886	879	900	875	888	841	861
Unemployment rate	12.0	13.2	13.3	13.8	12.8	13.8	13.6	13.6	13.8	13.5	13.7	13.0	13.3
Women, 20 years and over													
Civilian labor force	6,490	6,489	6,506	6,540	6,581	6,599	6,694	6,716	6,757	6,675	6,682	6,639	6,687
Percent of population	59.4	59.3	59.4	59.6	59.9	60.0	60.8	60.9	61.2	60.3	60.3	59.9	60.2
Employed	5,771	5,747	5,767	5,794	5,802	5,813	5,876	5,902	5,954	5,944	5,930	5,854	5,889
Employment-population ratio ²	52.8	52.5	52.6	52.8	52.8	52.8	53.3	53.5	53.9	53.7	53.5	52.8	53.0
Unemployed	719	742	739	746	779	786	818	814	803	731	752	785	798
Unemployment rate	11.1	11.4	11.4	11.4	11.8	11.9	12.2	12.1	11.9	11.0	11.3	11.8	11.9

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	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	712	810	802	739	751	783	795	798	815	811	767	774	798
Percent of population	34.2	39.0	38.6	35.6	36.2	37.8	38.4	38.6	39.3	39.1	36.9	37.2	38.3
Employed	449	522	497	463	454	450	469	475	510	469	443	454	482
Employment-population ratio ²	21.6	25.1	23.9	22.3	21.9	21.7	22.7	23.0	24.6	22.6	21.3	21.8	23.2
Unemployed	263	288	305	276	297	333	326	323	305	342	324	320	316
Unemployment rate	36.9	35.6	38.0	37.3	39.5	42.5	41.0	40.5	37.4	42.2	42.2	41.3	39.6
Men	37.2	36.1	38.7	38.3	43.2	43.0	45.1	42.3	42.7	44.3	44.2	44.8	42.2
Women	36.6	34.9	37.2	36.1	35.7	42.1	36.4	38.4	31.8	39.8	39.8	37.5	36.5
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	14,987	15,027	15,066	15,106	15,145	15,184	15,224	15,263	15,303	15,342	15,382	15,421	15,461
Civilian labor force	9,916	9,950	10,024	10,116	10,032	10,092	10,126	10,150	10,116	10,213	10,210	10,211	10,351
Percent of population	66.2	66.2	66.5	67.0	66.2	66.5	66.5	66.5	66.1	66.6	66.4	66.2	66.9
Employed	8,894	8,840	8,885	8,973	8,987	8,951	8,927	8,955	8,969	9,028	9,011	8,990	9,145
Employment-population ratio ²	59.3	58.8	59.0	59.4	59.3	59.0	58.6	58.7	58.6	58.8	58.6	58.3	59.1
Unemployed	1,022	1,110	1,139	1,143	1,045	1,141	1,199	1,195	1,147	1,185	1,199	1,221	1,206
Unemployment rate	10.3	11.2	11.4	11.3	10.4	11.3	11.8	11.8	11.3	11.6	11.7	12.0	11.7

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 1992. See the article in this issue for additional information.

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

(In thousands)

Category	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
CHARACTERISTIC													
Total	116,752	117,036	116,962	117,264	117,518	117,580	117,510	117,722	117,780	117,724	117,687	118,064	118,311
Married men, spouse present	40,174	40,125	39,926	40,163	40,317	40,408	40,345	40,252	40,318	40,292	40,324	40,487	40,639
Married women, spouse present	29,801	29,874	29,886	30,096	30,052	30,160	30,303	30,269	30,212	30,108	30,030	30,244	30,403
Women who maintain families	6,546	6,575	6,563	6,552	6,549	6,565	6,579	6,565	6,641	6,639	6,626	6,585	6,548
OCCUPATION													
Managerial and professional specialty	31,708	31,102	31,029	30,927	31,071	30,997	31,011	30,995	31,198	31,174	31,289	31,529	31,485
Technical, sales, and administrative support	35,693	36,541	36,891	36,617	36,837	37,090	36,890	36,988	36,867	36,700	36,538	36,804	36,799
Service occupations	16,035	16,030	16,130	16,164	16,044	16,123	16,062	16,017	16,007	16,274	16,076	15,999	16,226
Precision production, craft, and repair	12,948	13,034	12,793	12,761	13,063	13,110	13,074	13,275	13,255	13,318	13,328	13,203	13,271
Operators, fabricators, and laborers	16,931	17,000	16,841	17,060	16,885	16,942	17,053	16,993	16,962	16,829	16,907	17,030	16,959
Farming, forestry, and fishing	3,398	3,408	3,441	3,410	3,405	3,369	3,409	3,452	3,489	3,509	3,547	3,507	3,525
INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,831	1,596	1,702	1,730	1,747	1,682	1,701	1,712	1,698	1,694	1,656	1,685	1,735
Self-employed workers	1,420	1,455	1,420	1,371	1,366	1,400	1,396	1,392	1,417	1,397	1,405	1,370	1,397
Unpaid family workers	111	103	109	96	100	101	128	111	103	108	118	163	106
Nonagricultural industries:													
Wage and salary workers	104,423	105,195	104,928	105,154	105,494	105,634	105,365	105,619	105,697	105,643	105,863	105,913	105,978
Government	17,878	17,850	17,737	17,817	17,699	17,934	18,184	18,275	18,378	18,505	18,371	18,216	18,065
Private industries	86,545	87,345	87,191	87,337	87,795	87,700	87,181	87,344	87,319	87,138	87,492	87,697	87,913
Private households	969	1,028	1,127	1,071	1,102	1,085	1,139	1,232	1,116	1,158	1,102	1,109	1,091
Other industries	85,576	86,317	86,064	86,266	86,693	86,615	86,042	86,112	86,203	85,980	86,390	86,588	86,822
Self-employed workers	8,746	8,507	8,683	8,663	8,491	8,586	8,595	8,663	8,642	8,662	8,558	6,700	8,668
Unpaid family workers	227	225	230	240	247	245	253	250	242	217	189	220	221
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	6,358	6,516	6,442	6,436	6,343	6,486	6,100	6,342	6,352	6,362	6,434	6,493	6,349
Slack work	3,225	3,212	3,248	3,216	3,115	3,314	3,289	3,283	3,254	3,171	3,160	3,161	3,206
Could only find part-time work	2,777	3,011	2,881	2,912	2,865	2,863	2,592	2,740	2,849	2,879	2,988	3,060	2,865
Voluntary part time	14,832	14,781	14,393	14,501	14,853	14,589	15,223	14,945	15,082	14,805	14,726	14,834	14,895
Nonagricultural industries:													
Part time for economic reasons	6,092	6,261	6,166	6,142	6,030	6,181	5,921	6,069	6,099	6,096	6,151	6,230	6,063
Slack work	3,061	3,020	3,076	3,005	2,852	3,107	3,138	3,123	3,121	3,001	2,993	2,984	3,024
Could only find part-time work	2,696	2,943	2,788	2,853	2,782	2,783	2,519	2,659	2,756	2,826	2,905	2,998	2,793
Voluntary part time	14,391	14,340	13,972	14,008	14,432	14,135	14,819	14,491	14,721	14,358	14,324	14,413	14,476

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 on occupations and industries for 1992 are not fully comparable with data for prior years because of the introduction of the

classification systems used in the 1990 census. Data have been revised based on the experience through December 1992. 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	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	116,752	117,036	116,962	117,264	117,518	117,580	117,510	117,722	117,780	117,724	117,687	118,064	118,311
16 to 24 years	17,518	17,584	17,536	17,513	17,537	17,535	17,390	17,552	17,609	17,603	17,488	17,606	17,690
16 to 19 years	5,401	5,483	5,431	5,307	5,349	5,389	5,250	5,345	5,429	5,458	5,417	5,423	5,491
16 to 17 years	2,039	2,075	2,087	1,990	2,040	2,032	1,999	2,035	2,112	2,083	2,024	2,028	2,093
18 to 19 years	3,370	3,434	3,391	3,329	3,310	3,344	3,216	3,296	3,319	3,384	3,401	3,384	3,379
20 to 24 years	12,117	12,101	12,105	12,206	12,188	12,146	12,140	12,207	12,180	12,145	12,071	12,183	12,199
25 years and over	99,216	99,422	99,495	99,775	99,920	100,059	100,096	100,202	100,197	100,128	100,206	100,419	100,603
25 to 54 years	84,695	84,748	84,711	84,941	85,160	85,291	85,440	85,526	85,557	85,539	85,588	85,726	85,942
55 years and over	14,492	14,700	14,764	14,818	14,776	14,678	14,700	14,685	14,651	14,607	14,598	14,729	14,643
Men, 16 years and over	63,398	63,466	63,351	63,547	63,777	63,830	63,751	63,830	63,901	63,976	63,924	64,043	64,194
16 to 24 years	9,089	9,102	9,048	8,986	9,070	9,054	9,059	9,116	9,210	9,278	9,236	9,241	9,275
16 to 19 years	2,729	2,802	2,745	2,704	2,744	2,743	2,724	2,760	2,797	2,851	2,836	2,837	2,868
16 to 17 years	1,034	1,056	1,035	1,008	1,053	1,020	1,013	1,034	1,066	1,111	1,068	1,064	1,099
18 to 19 years	1,702	1,776	1,741	1,711	1,700	1,713	1,678	1,717	1,710	1,755	1,773	1,769	1,757
20 to 24 years	6,360	6,300	6,303	6,282	6,326	6,311	6,335	6,356	6,413	6,427	6,400	6,404	6,407
25 years and over	54,311	54,346	54,355	54,545	54,674	54,781	54,677	54,732	54,693	54,694	54,690	54,808	54,918
25 to 54 years	46,062	46,047	45,953	46,136	46,252	46,335	46,365	46,478	46,430	46,455	46,478	46,495	46,624
55 years and over	8,219	8,336	8,407	8,408	8,413	8,415	8,302	8,273	8,269	8,243	8,214	8,328	8,270
Women, 16 years and over	53,354	53,570	53,611	53,717	53,741	53,750	53,759	53,892	53,879	53,748	53,763	54,021	54,117
16 to 24 years	8,429	8,482	8,488	8,527	8,467	8,481	8,331	8,436	8,399	8,325	8,252	8,365	8,415
16 to 19 years	2,672	2,681	2,686	2,603	2,605	2,646	2,526	2,585	2,632	2,607	2,581	2,586	2,623
16 to 17 years	1,005	1,019	1,052	982	987	1,012	986	1,001	1,046	972	956	964	994
18 to 19 years	1,668	1,658	1,650	1,618	1,610	1,631	1,538	1,579	1,609	1,629	1,628	1,615	1,622
20 to 24 years	5,757	5,801	5,802	5,924	5,862	5,835	5,805	5,851	5,767	5,718	5,671	5,779	5,792
25 years and over	44,905	45,076	45,140	45,230	45,246	45,278	45,419	45,470	45,504	45,434	45,516	45,611	45,685
25 to 54 years	38,633	38,701	38,758	38,805	38,908	38,956	39,075	39,048	39,127	39,084	39,110	39,231	39,318
55 years and over	6,273	6,364	6,357	6,410	6,363	6,263	6,398	6,412	6,382	6,364	6,384	6,401	6,373

NOTE: Data have been revised based on the experience through December 1992. See the article in this issue for additional information.

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

(In thousands)

Sex and age	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	8,984	8,992	9,223	9,284	9,225	9,459	9,788	9,628	9,624	9,550	9,379	9,301	9,280
16 to 24 years	2,947	2,825	2,896	2,856	2,797	2,925	3,086	2,985	2,928	2,961	2,753	2,884	2,854
16 to 19 years	1,330	1,281	1,354	1,347	1,288	1,338	1,553	1,389	1,345	1,400	1,260	1,370	1,305
16 to 17 years	632	571	587	600	593	627	717	628	579	650	575	634	585
18 to 19 years	712	682	757	757	697	731	833	760	751	757	689	737	733
20 to 24 years	1,617	1,544	1,542	1,509	1,509	1,587	1,533	1,596	1,583	1,561	1,493	1,514	1,549
25 years and over	6,044	6,208	6,317	6,385	6,416	6,506	6,753	6,631	6,679	6,607	6,622	6,428	6,432
25 to 54 years	5,406	5,532	5,656	5,688	5,667	5,744	5,894	5,840	5,889	5,849	5,863	5,719	5,756
55 years and over	671	675	673	682	721	745	812	820	803	769	760	723	699
Men, 16 years and over	5,101	5,174	5,324	5,360	5,266	5,497	5,666	5,485	5,531	5,477	5,410	5,292	5,200
16 to 24 years	1,625	1,624	1,664	1,664	1,608	1,667	1,743	1,670	1,655	1,647	1,549	1,645	1,601
16 to 19 years	720	717	769	767	727	740	880	773	778	797	687	758	741
16 to 17 years	308	308	327	344	330	350	404	342	331	360	311	356	320
18 to 19 years	410	394	441	433	396	406	476	429	437	436	383	402	419
20 to 24 years	905	907	895	897	881	927	863	897	877	850	862	887	860
25 years and over	3,480	3,604	3,663	3,665	3,669	3,794	3,936	3,807	3,862	3,829	3,855	3,656	3,604
25 to 54 years	3,089	3,180	3,251	3,201	3,196	3,337	3,378	3,328	3,388	3,374	3,390	3,246	3,173
55 years and over	406	435	419	439	453	463	509	489	479	466	474	437	440
Women, 16 years and over	3,883	3,818	3,899	3,924	3,959	3,962	4,122	4,143	4,093	4,073	3,969	4,009	4,080
16 to 24 years	1,322	1,201	1,232	1,192	1,189	1,258	1,343	1,315	1,273	1,314	1,204	1,239	1,253
16 to 19 years	610	564	585	580	561	598	673	616	567	603	573	612	564
16 to 17 years	324	263	260	256	263	277	313	286	248	290	264	278	265
18 to 19 years	302	288	316	324	301	325	357	331	314	321	306	335	314
20 to 24 years	712	637	647	612	628	660	670	699	706	711	631	627	689
25 years and over	2,564	2,604	2,654	2,720	2,747	2,712	2,817	2,824	2,817	2,778	2,767	2,772	2,828
25 to 54 years	2,317	2,352	2,405	2,487	2,471	2,407	2,516	2,512	2,501	2,475	2,473	2,473	2,583
55 years and over	265	240	254	243	268	282	303	331	324	303	286	286	259

NOTE: Data have been revised based on the experience through December 1992. See the article in this issue for additional information.

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

(Civilian workers)

Sex and age	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	7.1	7.1	7.3	7.3	7.3	7.4	7.7	7.6	7.6	7.5	7.4	7.3	7.3
16 to 24 years	14.4	13.8	14.2	14.0	13.8	14.3	15.1	14.5	14.3	14.4	13.6	14.1	13.9
16 to 19 years	19.8	18.9	20.0	20.2	19.4	19.9	22.8	20.6	19.9	20.4	18.9	20.2	19.2
16 to 17 years	23.7	21.6	22.0	23.2	22.5	23.6	26.4	23.6	21.5	23.8	22.1	23.8	21.8
18 to 19 years	17.4	16.6	18.2	18.5	17.4	17.9	20.6	18.7	18.5	18.3	16.8	17.9	17.8
20 to 24 years	11.8	11.3	11.3	11.0	11.0	11.6	11.2	11.6	11.5	11.4	11.0	11.1	11.3
25 years and over	5.7	5.9	6.0	6.0	6.0	6.1	6.3	6.2	6.2	6.2	6.2	6.0	6.0
25 to 54 years	6.0	6.1	6.3	6.3	6.2	6.3	6.5	6.4	6.4	6.4	6.4	6.3	6.3
55 years and over	4.4	4.4	4.4	4.4	4.7	4.8	5.2	5.3	5.2	5.0	4.9	4.7	4.6
Men, 16 years and over	7.4	7.5	7.8	7.8	7.6	7.9	8.2	7.9	8.0	7.9	7.8	7.6	7.5
16 to 24 years	15.2	15.1	15.5	15.6	15.1	15.5	16.1	15.5	15.2	15.1	14.4	15.1	14.7
16 to 19 years	20.9	20.4	21.9	22.1	20.9	21.2	24.4	21.9	21.8	21.8	19.5	21.1	20.5
16 to 17 years	23.0	22.6	24.0	25.4	23.9	25.5	28.5	24.9	23.7	24.5	22.6	25.1	22.6
18 to 19 years	19.4	18.2	20.2	20.2	18.9	19.2	22.1	20.0	20.4	19.9	17.8	18.5	19.3
20 to 24 years	12.5	12.6	12.4	12.5	12.2	12.8	12.0	12.4	12.0	11.7	11.9	12.2	11.8
25 years and over	6.0	6.2	6.3	6.3	6.3	6.5	6.7	6.5	6.6	6.5	6.6	6.3	6.2
25 to 54 years	6.3	6.5	6.6	6.5	6.5	6.7	6.8	6.7	6.8	6.8	6.8	6.5	6.4
55 years and over	4.7	5.0	4.7	5.0	5.1	5.2	5.8	5.6	5.5	5.4	5.5	5.0	5.1
Women, 16 years and over	6.8	6.7	6.8	6.8	6.9	6.9	7.1	7.1	7.1	7.0	6.9	6.9	7.0
16 to 24 years	13.6	12.4	12.7	12.3	12.3	12.9	13.9	13.5	13.2	13.6	12.7	12.9	13.0
16 to 19 years	18.6	17.4	17.9	18.2	17.7	18.4	21.0	19.2	17.7	18.8	18.2	19.1	17.7
16 to 17 years	24.4	20.5	19.8	20.7	21.0	21.5	24.1	22.2	19.2	23.0	21.6	22.4	21.0
18 to 19 years	15.3	14.8	16.1	16.7	15.8	16.6	18.8	17.3	16.3	16.5	15.8	17.2	16.2
20 to 24 years	11.0	9.9	10.0	9.4	9.7	10.2	10.3	10.7	10.9	11.1	10.0	9.8	10.6
25 years and over	5.4	5.5	5.6	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.7	5.7	5.8
25 to 54 years	5.7	5.7	5.8	6.0	6.0	5.8	6.0	6.0	6.0	6.0	5.9	5.9	6.2
55 years and over	4.1	3.6	3.8	3.7	4.0	4.3	4.5	4.9	4.8	4.5	4.3	4.3	3.9

NOTE: Data have been revised based on the experience through December 1992. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-39. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
CHARACTERISTIC													
Total (all civilian workers)	7.1	7.1	7.3	7.3	7.3	7.4	7.7	7.6	7.6	7.5	7.4	7.3	7.3
Men, 20 years and over	6.7	6.8	7.0	7.0	6.9	7.2	7.3	7.2	7.2	7.1	7.2	6.9	6.8
Women, 20 years and over	6.1	8.0	6.1	6.1	8.2	6.2	6.3	6.4	6.4	6.4	6.2	6.2	6.4
Both sexes, 16 to 19 years	19.8	18.9	20.0	20.2	19.4	19.9	22.8	20.6	19.9	20.4	18.9	20.2	19.2
White	8.4	8.3	8.5	8.5	6.4	8.5	8.8	8.6	6.6	6.6	8.5	6.4	8.3
Black and other	11.7	12.5	12.3	12.3	12.4	12.9	13.1	13.0	12.9	12.6	12.5	12.8	12.8
Black	12.9	13.7	13.8	13.9	13.8	14.5	14.5	14.4	14.2	13.9	14.1	14.0	14.2
Hispanic origin	10.3	11.2	11.4	11.3	10.4	11.3	11.8	11.8	11.3	11.8	11.7	12.0	11.7
Married men, spouse present	4.8	4.8	5.0	4.9	4.8	5.0	5.1	5.2	5.3	5.2	5.1	4.9	4.8
Married women, spouse present	4.9	4.8	4.8	4.9	5.0	5.0	5.2	5.2	5.0	5.0	5.1	5.0	5.0
Women who maintain families	9.2	9.1	9.5	9.9	10.0	9.9	10.1	10.3	10.3	9.1	9.3	10.4	10.3
Full-time workers	8.9	8.8	7.0	7.0	7.0	7.1	7.4	7.3	7.3	7.2	7.1	7.0	8.9
Part-time workers	8.7	9.0	8.9	9.0	8.9	9.3	9.3	9.2	9.1	9.5	9.2	9.2	9.7
Unemployed 15 weeks and over ¹	2.3	2.4	2.5	2.5	2.4	2.8	2.7	2.8	2.8	2.8	2.8	2.7	2.8
Labor force time lost ²	8.1	8.1	8.2	8.3	8.2	8.3	8.4	8.4	8.4	8.3	8.3	8.3	8.1
OCCUPATION³													
Managerial and professional specialty	2.9	2.9	3.1	3.1	3.1	3.2	3.1	3.1	3.2	3.2	3.2	3.1	3.2
Technical, sales, and administrative support	5.6	5.5	5.7	5.7	5.6	5.7	6.0	6.0	6.0	5.9	6.0	5.7	5.8
Precision production, craft, and repair	8.4	9.0	9.2	9.6	8.7	8.7	9.0	8.8	8.8	8.8	8.6	8.6	8.8
Operators, fabricators, and laborers	11.0	10.9	11.4	11.0	11.0	11.2	11.3	11.4	11.1	11.1	11.0	10.8	10.0
Farming, forestry, and fishing	7.4	8.0	7.8	7.1	7.2	8.0	8.2	8.5	7.9	8.9	7.9	8.8	8.7
INDUSTRY													
Nonagricultural private wage and salary workers	7.5	7.4	7.6	7.7	7.8	7.7	7.9	7.8	7.9	7.8	7.8	7.5	7.5
Goods-producing industries	9.3	9.3	9.6	9.5	9.8	9.7	10.1	10.1	10.0	10.1	9.9	9.3	9.0
Mining	8.2	6.7	8.6	7.7	7.3	8.5	9.0	9.9	10.6	7.2	8.3	5.3	5.5
Construction	18.5	18.9	17.1	17.3	16.6	16.9	17.4	17.0	17.0	17.4	18.1	14.5	15.7
Manufacturing	7.3	7.2	7.6	7.4	7.6	7.7	8.1	8.2	8.0	8.1	8.2	8.0	7.2
Durable goods	7.4	7.3	7.7	7.5	7.6	7.8	8.1	8.4	8.3	8.4	8.9	8.5	7.5
Nondurable goods	7.3	7.2	7.5	7.2	7.8	7.6	8.1	8.0	7.4	7.7	7.3	7.3	8.9
Service-producing industries	6.7	6.7	6.7	6.9	6.7	6.9	7.0	8.9	7.1	6.9	7.0	6.7	6.9
Transportation and public utilities	6.6	5.5	5.3	5.7	4.7	5.1	5.5	5.7	5.4	5.7	5.8	6.1	5.6
Wholesale and retail trade	7.9	8.2	8.3	8.5	8.3	8.4	8.6	8.5	9.0	8.5	8.1	7.9	8.0
Finance and service industries	5.8	5.9	5.9	6.1	8.0	6.2	6.1	8.0	6.1	6.0	6.4	8.1	6.5
Government workers	3.6	3.8	3.8	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.0	3.8	3.8
Agricultural wage and salary workers	11.4	11.3	11.7	10.5	10.9	13.3	12.8	13.8	11.4	14.3	12.5	13.5	12.2

¹ Unemployment as a percent of the civilian labor force.

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

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

sufficient precision.

NOTE: Data on occupations and industries for 1992 are not fully comparable with data for prior years because of the introduction of the classification systems used in the 1990 census. Data have been revised based on the experience through December 1992. 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	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
DURATION													
Less than 5 weeks	3,359	3,332	3,105	3,291	3,269	3,362	3,512	3,373	3,289	3,281	3,192	3,120	3,042
5 to 14 weeks	2,771	2,701	2,882	2,698	2,706	2,663	2,783	2,776	2,846	2,847	2,666	2,835	2,688
15 weeks and over	2,889	3,049	3,172	3,185	3,072	3,349	3,432	3,547	3,547	3,522	3,564	3,446	3,605
15 to 26 weeks	1,381	1,455	1,452	1,417	1,303	1,405	1,363	1,459	1,502	1,427	1,475	1,438	1,540
27 weeks and over	1,508	1,594	1,720	1,768	1,769	1,944	2,069	2,088	2,045	2,095	2,089	2,008	2,065
Average (mean) duration, in weeks	15.5	16.3	16.8	17.0	17.2	17.9	18.2	18.3	18.3	18.5	19.2	18.4	19.2
Median duration, in weeks	8.0	8.1	8.2	8.1	8.6	8.8	8.7	8.6	8.9	9.3	9.3	9.4	9.4
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	37.2	36.7	33.9	35.9	36.1	35.9	36.1	34.8	34.0	34.0	33.9	33.2	32.6
5 to 14 weeks	30.7	29.7	31.5	29.4	29.9	28.4	28.6	28.6	29.4	29.5	28.3	30.2	28.8
15 weeks and over	32.0	33.6	34.6	34.7	34.0	35.7	35.3	36.6	36.6	36.5	37.8	36.7	38.6
15 to 26 weeks	15.3	16.0	15.9	15.4	14.4	15.0	14.0	15.0	15.5	14.8	15.7	15.3	16.5
27 weeks and over	16.7	17.6	18.8	19.3	19.6	20.7	21.3	21.5	21.1	21.7	22.2	21.4	22.1

NOTE: Data have been revised based on the experience through December 1992. 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	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
NUMBER OF UNEMPLOYED													
Job losers	5,066	4,884	5,226	5,269	5,219	5,430	5,535	5,462	5,414	5,438	5,492	5,207	5,138
On layoff	1,264	1,213	1,261	1,235	1,227	1,211	1,312	1,296	1,255	1,335	1,265	1,195	1,204
Other job losers	3,802	3,671	3,965	4,034	3,992	4,219	4,223	4,166	4,159	4,103	4,227	4,012	3,934
Job leavers	918	971	927	947	1,009	992	1,017	1,003	1,009	963	913	977	972
Reentrants	2,174	2,316	2,169	2,203	2,137	2,194	2,266	2,273	2,246	2,274	2,206	2,194	2,237
New entrants	816	810	838	832	853	863	999	958	941	944	784	930	930
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	56.5	54.4	57.1	57.0	56.6	57.3	56.4	56.3	56.3	56.5	58.5	55.9	55.4
On layoff	14.1	13.5	13.8	13.3	13.3	12.8	13.4	13.4	13.1	13.9	13.5	12.8	13.0
Other job losers	42.4	40.9	43.3	43.6	43.3	44.5	43.0	43.0	43.3	42.7	45.0	43.1	42.4
Job leavers	10.2	10.8	10.1	10.2	10.9	10.5	10.4	10.3	10.5	10.0	9.7	10.5	10.5
Reentrants	24.2	25.8	23.7	23.8	23.2	23.1	23.4	23.4	23.4	23.6	23.5	23.6	24.1
New entrants	9.1	9.0	9.1	9.0	9.3	9.1	10.2	9.9	9.8	9.8	8.3	10.0	10.0
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	4.0	3.9	4.1	4.2	4.1	4.3	4.3	4.3	4.2	4.3	4.3	4.1	4.0
On layoff .....	.7	.8	.7	.7	.8	.8	.8	.8	.8	.8	.7	.8	.8
Other job losers	1.7	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.8
Job leavers .....	.6	.6	.7	.7	.7	.7	.8	.8	.7	.7	.6	.7	.7

NOTE: Data have been revised based on the experience through December 1992. 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	1989	1990				1991				1992			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
TOTAL													
Noninstitutional population ¹	188,722	189,093	189,466	189,889	190,297	190,671	190,996	191,593	192,056	192,478	192,884	193,353	193,852
Labor force ²	126,191	126,325	126,413	126,410	126,639	126,551	126,863	126,834	127,279	127,843	128,600	128,909	128,874
Percent of population ²	66.9	66.8	66.7	66.6	66.5	66.4	66.4	66.2	66.3	66.4	66.7	66.7	66.5
Total employed ³	119,509	119,768	119,848	119,461	119,144	118,421	118,430	118,395	118,496	118,677	119,110	119,309	119,554
Employment-population ratio ³	63.3	63.3	63.3	62.9	62.6	62.1	62.0	61.8	61.7	61.7	61.8	61.7	61.7
Resident Armed Forces	1,704	1,681	1,642	1,623	1,601	1,559	1,473	1,615	1,608	1,590	1,574	1,567	1,533
Civilian employed	117,805	118,087	118,206	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021
Agriculture	3,185	3,165	3,236	3,137	3,211	3,175	3,244	3,262	3,226	3,184	3,212	3,215	3,213
Nonagricultural industries	114,620	114,922	114,970	114,701	114,332	113,687	113,713	113,519	113,662	113,903	114,324	114,527	114,807
Unemployed	6,682	6,557	6,566	6,948	7,494	8,130	8,433	8,439	8,783	9,166	9,491	9,601	9,320
Unemployment rate ⁴	5.3	5.2	5.2	5.5	5.9	6.4	6.6	6.7	6.9	7.2	7.4	7.4	7.2
Not in labor force	62,531	62,767	63,053	63,479	63,658	64,120	64,133	64,759	64,778	64,634	64,283	64,443	64,978
Men													
Noninstitutional population ¹	90,606	90,823	91,014	91,226	91,425	91,609	91,737	92,103	92,355	92,585	92,807	93,059	93,328
Labor force ²	69,618	69,668	69,674	69,626	69,915	69,710	69,758	69,872	69,931	70,160	70,676	70,808	70,730
Percent of population ²	76.8	76.7	76.6	76.3	76.5	76.1	76.0	75.9	75.7	75.8	76.2	76.1	75.8
Total employed ³	65,972	66,105	66,061	65,773	65,684	65,078	64,922	64,970	64,966	64,874	65,200	65,310	65,429
Employment-population ratio ³	72.8	72.8	72.6	72.1	71.8	71.0	70.8	70.5	70.3	70.1	70.3	70.2	70.1
Resident Armed Forces	1,529	1,509	1,479	1,459	1,440	1,402	1,319	1,441	1,434	1,419	1,414	1,408	1,376
Civilian employed	64,443	64,596	64,582	64,314	64,244	63,676	63,603	63,529	63,532	63,455	63,786	63,902	64,054
Unemployed	3,646	3,563	3,613	3,853	4,231	4,632	4,836	4,902	4,965	5,286	5,476	5,498	5,301
Unemployment rate ⁴	5.2	5.1	5.2	5.5	6.1	6.6	6.9	7.0	7.1	7.5	7.7	7.8	7.5
Not in labor force	20,988	21,155	21,341	21,600	21,510	21,899	21,980	22,230	22,424	22,424	22,131	22,252	22,598
Women													
Noninstitutional population ¹	98,116	98,270	98,452	98,663	98,872	99,062	99,259	99,490	99,701	99,893	100,077	100,294	100,525
Labor force ²	56,574	56,658	56,740	56,783	56,723	56,842	57,105	56,962	57,348	57,683	57,924	58,102	58,144
Percent of population ²	57.7	57.7	57.6	57.6	57.4	57.4	57.5	57.3	57.5	57.7	57.9	57.9	57.8
Total employed ³	53,538	53,664	53,787	53,667	53,459	53,343	53,508	53,425	53,530	53,803	53,910	53,999	54,125
Employment-population ratio ³	54.6	54.6	54.6	54.4	54.1	53.8	53.9	53.7	53.7	53.9	53.9	53.8	53.8
Resident Armed Forces	175	173	163	163	160	157	154	174	173	170	160	159	158
Civilian employed	53,363	53,491	53,624	53,504	53,299	53,186	53,354	53,251	53,356	53,633	53,750	53,840	53,967
Unemployed	3,036	2,993	2,953	3,095	3,263	3,499	3,598	3,537	3,618	3,880	4,014	4,103	4,019
Unemployment rate ⁴	5.4	5.3	5.2	5.5	5.8	6.2	6.3	6.2	6.7	6.7	6.9	7.1	6.9
Not in labor force	41,541	41,612	41,712	41,879	42,148	42,220	42,154	42,528	42,354	42,210	42,153	42,192	42,381

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 1992. 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	1989	1990				1991				1992			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
TOTAL													
Civilian noninstitutional population ¹	187,018	187,411	187,824	188,266	188,696	189,112	189,523	189,978	190,449	190,888	191,310	191,786	192,319
Civilian labor force	124,487	124,644	124,771	124,787	125,038	124,992	125,390	125,219	125,671	126,254	127,027	127,343	127,341
Percent of population	66.6	66.5	66.4	66.3	66.3	66.1	66.2	65.9	66.0	66.1	66.4	66.4	66.2
Employed	117,805	118,087	118,206	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021
Employment-population ratio ²	63.0	63.0	62.9	62.6	62.3	61.8	61.7	61.5	61.4	61.3	61.4	61.4	61.4
Unemployed	6,682	6,557	6,586	6,948	7,494	8,130	8,433	8,439	8,783	9,166	9,491	9,601	9,320
Unemployment rate	5.4	5.3	5.3	5.6	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3
Men, 16 years and over													
Civilian noninstitutional population ¹	89,077	89,314	89,536	89,767	89,985	90,207	90,418	90,662	90,921	91,165	91,393	91,652	91,952
Civilian labor force	68,089	68,159	68,195	68,167	68,475	68,308	68,438	68,432	68,497	68,741	69,262	69,400	69,354
Percent of population	76.4	76.3	76.2	75.9	76.1	75.7	75.7	75.5	75.3	75.4	75.8	75.7	75.4
Employed	64,443	64,596	64,582	64,314	64,244	63,676	63,630	63,529	63,532	63,455	63,786	63,902	64,054
Employment-population ratio ²	72.3	72.3	72.1	71.6	71.4	70.6	70.3	70.1	69.9	69.6	69.8	69.7	69.7
Agriculture	2,503	2,503	2,521	2,473	2,536	2,503	2,577	2,573	2,530	2,484	2,528	2,555	2,561
Nonagricultural industries	61,939	62,093	62,060	61,841	61,708	61,173	61,025	60,957	61,002	60,971	61,258	61,347	61,492
Unemployed	3,646	3,563	3,613	3,853	4,231	4,632	4,836	4,902	4,965	5,286	5,476	5,498	5,301
Unemployment rate	5.4	5.2	5.3	5.7	6.2	6.8	7.1	7.2	7.2	7.7	7.9	7.9	7.6
Not in labor force	20,988	21,155	21,341	21,600	21,510	21,899	21,980	22,230	22,424	22,424	22,131	22,252	22,598
Men, 20 years and over													
Civilian noninstitutional population ¹	81,976	82,264	82,581	82,864	83,105	83,376	83,650	83,943	84,254	84,535	84,756	85,010	85,262
Civilian labor force	63,967	64,156	64,265	64,404	64,699	64,601	64,823	64,907	65,004	65,239	65,743	65,815	65,779
Percent of population	78.0	78.0	77.8	77.7	77.9	77.5	77.5	77.3	77.2	77.2	77.6	77.4	77.1
Employed	61,002	61,201	61,259	61,183	61,138	60,668	60,718	60,704	60,746	60,704	61,049	61,100	61,207
Employment-population ratio ²	74.4	74.4	74.2	73.8	73.6	72.8	72.6	72.3	72.1	71.8	72.0	71.9	71.8
Agriculture	2,298	2,281	2,335	2,267	2,325	2,305	2,371	2,380	2,366	2,329	2,361	2,368	2,358
Nonagricultural industries	58,704	58,920	58,923	58,915	58,813	58,363	58,346	58,325	58,380	58,376	58,688	58,732	58,848
Unemployed	2,965	2,954	3,006	3,222	3,561	3,932	4,105	4,203	4,258	4,535	4,694	4,715	4,572
Unemployment rate	4.6	4.6	4.7	5.0	5.5	6.1	6.3	6.5	6.6	7.0	7.1	7.2	7.0
Not in labor force	18,009	18,108	18,316	18,460	18,406	18,775	18,827	19,036	19,250	19,296	19,013	19,195	19,483
Women, 16 years and over													
Civilian noninstitutional population ¹	97,940	98,097	98,289	98,499	98,711	98,905	99,106	99,316	99,528	99,723	99,917	100,135	100,367
Civilian labor force	56,399	56,485	56,577	56,620	56,563	56,685	56,952	56,788	57,174	57,513	57,764	57,943	57,986
Percent of population	57.6	57.6	57.6	57.5	57.3	57.3	57.5	57.2	57.4	57.7	57.8	57.9	57.8
Employed	53,363	53,491	53,624	53,524	53,299	53,186	53,354	53,251	53,356	53,633	53,750	53,840	53,967
Employment-population ratio ²	54.5	54.5	54.6	54.3	54.0	53.8	53.8	53.6	53.6	53.8	53.8	53.8	53.8
Agriculture	682	662	715	665	675	671	666	689	696	700	684	660	652
Nonagricultural industries	52,681	52,830	52,909	52,860	52,624	52,515	52,688	52,562	52,660	52,932	53,066	53,179	53,315
Unemployed	3,036	2,993	2,953	3,095	3,263	3,499	3,598	3,537	3,818	3,880	4,014	4,103	4,019
Unemployment rate	5.4	5.3	5.2	5.5	5.8	6.2	6.3	6.2	6.7	6.7	6.9	7.1	6.9
Not in labor force	41,541	41,612	41,712	41,879	42,148	42,220	42,154	42,528	42,354	42,210	42,153	42,192	42,381
Women, 20 years and over													
Civilian noninstitutional population ¹	90,952	91,162	91,413	91,678	91,954	92,203	92,453	92,724	92,955	93,196	93,405	93,633	93,860
Civilian labor force	52,598	52,781	52,987	53,139	53,160	53,245	53,578	53,593	53,870	54,280	54,561	54,739	54,807
Percent of population	57.8	57.9	58.0	58.0	57.8	57.7	58.0	57.8	58.0	58.2	58.4	58.5	58.4
Employed	50,092	50,312	50,541	50,554	50,433	50,337	50,545	50,622	50,654	50,976	51,158	51,232	51,370
Employment-population ratio ²	55.1	55.2	55.3	55.1	54.8	54.6	54.7	54.6	54.5	54.7	54.8	54.7	54.7
Agriculture	630	616	663	622	635	638	625	649	662	656	644	610	604
Nonagricultural industries	49,462	49,697	49,878	49,932	49,798	49,699	49,921	49,973	49,992	50,320	50,514	50,622	50,766
Unemployed	2,506	2,469	2,446	2,586	2,727	2,909	3,032	2,971	3,216	3,304	3,404	3,508	3,436
Unemployment rate	4.8	4.7	4.6	4.9	5.1	5.5	5.7	5.5	6.0	6.1	6.2	6.4	6.3
Not in labor force	38,354	38,381	38,426	38,539	38,794	38,958	38,875	39,131	39,085	38,916	38,844	38,894	39,053
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	14,090	13,985	13,830	13,724	13,637	13,532	13,420	13,312	13,239	13,157	13,149	13,144	13,196
Civilian labor force	7,922	7,707	7,520	7,243	7,179	7,146	6,989	6,720	6,797	6,734	6,722	6,789	6,755
Percent of population	56.2	55.1	54.4	52.8	52.6	52.8	52.1	50.5	51.3	51.2	51.1	51.7	51.2
Employed	6,711	6,574	6,406	6,102	5,973	5,857	5,694	5,454	5,488	5,407	5,329	5,411	5,444
Employment-population ratio ²	47.6	47.0	46.3	44.5	43.8	43.3	42.4	41.0	41.5	41.1	40.5	41.2	41.3
Agriculture	257	268	238	248	252	232	248	233	198	200	207	237	251
Nonagricultural industries	6,454	6,306	6,168	5,854	5,721	5,625	5,446	5,221	5,291	5,207	5,122	5,173	5,193
Unemployed	1,211	1,134	1,114	1,141	1,206	1,289	1,296	1,266	1,309	1,327	1,393	1,378	1,312
Unemployment rate	15.3	14.7	14.8	15.8	16.8	18.0	18.5	18.8	19.3	19.7	20.7	20.3	19.4
Not in labor force	6,168	6,278	6,310	6,481	6,458	6,386	6,431	6,592	6,442	6,423	6,427	6,355	6,441

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 1992. 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	1989	1990				1991				1992			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
WHITE													
Civilian noninstitutional population ¹	159,738	160,007	160,269	160,553	160,830	161,095	161,357	161,646	161,947	162,223	162,486	162,788	163,135
Civilian labor force	106,813	107,063	107,145	107,275	107,273	107,306	107,593	107,393	107,717	108,156	108,545	108,699	108,717
Percent of population	66.9	66.9	66.9	66.8	66.7	66.6	66.7	66.4	66.5	66.7	66.8	66.8	66.6
Employed	101,927	102,188	102,240	102,177	101,744	101,085	101,146	100,911	101,012	101,199	101,439	101,498	101,772
Employment-population ratio ²	63.8	63.9	63.8	63.6	63.3	62.7	62.7	62.4	62.4	62.4	62.4	62.3	62.4
Unemployed	4,885	4,875	4,905	5,098	5,529	6,222	6,447	6,482	6,705	6,957	7,106	7,201	6,945
Unemployment rate	4.6	4.6	4.6	4.8	5.2	5.8	6.0	6.0	6.2	6.4	6.5	6.6	6.4
Men, 20 years and over													
Civilian labor force	55,661	55,895	55,857	55,981	56,166	56,090	56,251	56,309	56,341	56,553	56,881	56,918	56,902
Percent of population	78.5	78.5	78.2	78.2	78.2	77.9	77.9	77.8	77.6	77.7	78.0	77.8	77.6
Employed	53,452	53,650	53,562	53,598	53,486	52,986	53,053	52,980	52,991	53,015	53,252	53,296	53,406
Employment-population ratio ²	75.4	75.4	75.0	74.9	74.5	73.6	73.5	73.2	73.0	72.9	73.0	72.9	72.9
Unemployed	2,209	2,245	2,296	2,384	2,680	3,104	3,198	3,329	3,350	3,538	3,630	3,622	3,496
Unemployment rate	4.0	4.0	4.1	4.3	4.8	5.5	5.7	5.9	5.9	6.3	6.4	6.4	6.1
Women, 20 years and over													
Civilian labor force	44,422	44,566	44,826	45,027	44,941	45,065	45,319	45,280	45,492	45,824	45,947	46,035	46,080
Percent of population	57.4	57.4	57.7	57.8	57.5	57.6	57.8	57.6	57.7	58.1	58.1	58.1	58.1
Employed	42,620	42,796	43,044	43,174	42,972	42,910	43,068	43,080	43,136	43,401	43,483	43,540	43,564
Employment-population ratio ²	55.0	55.2	55.4	55.4	55.0	54.8	54.9	54.8	54.8	55.0	55.0	54.9	54.9
Unemployed	1,803	1,770	1,782	1,853	1,969	2,156	2,251	2,200	2,356	2,424	2,464	2,585	2,516
Unemployment rate	4.1	4.0	4.0	4.1	4.4	4.8	5.0	4.9	5.2	5.3	5.4	5.6	5.5
Both sexes, 16 to 19 years													
Civilian labor force	6,730	6,602	6,462	6,266	6,166	6,151	6,023	5,804	5,884	5,779	5,717	5,745	5,736
Percent of population	59.1	58.6	58.0	56.8	56.4	56.8	56.2	54.5	55.5	54.8	54.5	54.8	54.6
Employed	5,856	5,742	5,635	5,405	5,287	5,189	5,026	4,851	4,885	4,783	4,704	4,751	4,802
Employment-population ratio ²	51.4	51.0	50.6	49.0	48.3	48.0	46.9	45.6	46.1	45.4	44.8	45.4	45.7
Unemployed	874	860	827	861	879	962	997	953	999	995	1,012	994	933
Unemployment rate	13.0	13.0	12.8	13.7	14.3	15.6	16.6	16.4	17.0	17.2	17.7	17.3	16.3
Men	14.2	13.3	13.3	14.8	15.5	16.8	18.1	17.4	17.8	18.8	19.2	18.7	16.9
Women	11.6	12.7	12.2	12.5	12.9	14.4	14.9	15.3	16.1	15.5	16.1	15.7	15.5
BLACK													
Civilian noninstitutional population ¹	21,136	21,187	21,259	21,339	21,416	21,493	21,568	21,656	21,744	21,828	21,909	21,997	22,096
Civilian labor force	13,533	13,525	13,511	13,412	13,535	13,536	13,547	13,542	13,545	13,729	13,875	14,027	13,926
Percent of population	64.0	63.8	63.6	62.9	63.2	63.0	62.8	62.5	62.3	62.9	63.3	63.8	63.0
Employed	11,953	12,046	12,105	11,837	11,876	11,898	11,854	11,887	11,813	11,831	11,895	12,037	11,964
Employment-population ratio ²	56.6	56.9	56.9	55.5	55.5	55.4	55.0	54.9	54.3	54.2	54.3	54.7	54.1
Unemployed	1,580	1,479	1,406	1,575	1,659	1,637	1,693	1,655	1,732	1,898	1,980	1,991	1,962
Unemployment rate	11.7	10.9	10.4	11.7	12.3	12.1	12.5	12.2	12.8	13.8	14.3	14.2	14.1
Men, 20 years and over													
Civilian labor force	6,226	6,213	6,251	6,295	6,349	6,372	6,341	6,364	6,377	6,433	6,474	6,503	6,477
Percent of population	74.0	73.6	73.7	73.8	74.2	74.0	73.4	73.2	72.9	73.2	73.3	73.3	72.6
Employed	5,572	5,590	5,666	5,601	5,619	5,660	5,579	5,635	5,650	5,567	5,607	5,619	5,613
Employment-population ratio ²	66.2	66.3	66.8	65.7	65.7	65.7	64.6	64.8	64.6	63.3	63.5	63.3	62.9
Unemployed	654	623	585	694	729	713	762	729	727	866	867	885	863
Unemployment rate	10.5	10.0	9.4	11.0	11.5	11.2	12.0	11.4	11.4	13.5	13.4	13.6	13.3
Women, 20 years and over													
Civilian labor force	6,361	6,435	6,423	6,326	6,364	6,378	6,455	6,456	6,446	6,512	6,625	6,716	6,669
Percent of population	60.3	60.8	60.5	59.3	59.4	59.2	59.7	59.4	59.1	59.4	60.2	60.8	60.1
Employed	5,732	5,825	5,848	5,700	5,720	5,740	5,783	5,798	5,708	5,769	5,830	5,933	5,891
Employment-population ratio ²	54.3	55.1	55.0	53.4	53.4	53.3	53.5	53.4	52.3	52.7	53.0	53.7	53.1
Unemployed	629	610	575	625	644	639	672	658	738	742	794	783	778
Unemployment rate	9.9	9.5	8.9	9.9	10.1	10.0	10.4	10.2	11.4	11.4	12.0	11.7	11.7

See footnotes at end of table.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1989	1990				1991				1992			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	946	876	837	792	822	785	751	722	722	784	776	808	780
Percent of population	43.6	40.4	38.9	37.0	38.4	37.2	35.5	34.5	34.7	37.7	37.5	39.0	37.5
Employed	648	631	591	536	536	499	492	453	455	494	458	485	460
Employment-population ratio ²	29.8	29.1	27.5	25.1	25.1	23.6	23.3	21.7	21.8	23.8	22.1	23.4	22.1
Unemployed	298	246	246	255	286	286	259	269	267	290	319	323	320
Unemployment rate	31.5	28.0	29.4	32.3	34.8	36.4	34.5	37.2	37.0	37.0	41.0	40.0	41.0
Men	31.8	29.5	30.7	33.8	34.7	36.5	35.9	37.0	36.7	37.7	43.8	43.1	43.7
Women	31.1	26.5	28.0	30.5	34.8	36.4	32.9	37.4	37.3	36.1	38.1	36.6	37.9
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	13,977	14,119	14,238	14,356	14,474	14,593	14,711	14,829	14,948	15,066	15,184	15,303	15,421
Civilian labor force	9,451	9,494	9,604	9,644	9,575	9,636	9,708	9,818	9,902	10,030	10,083	10,160	10,257
Percent of population	67.6	67.2	67.5	67.2	66.2	66.0	66.0	66.2	66.2	66.6	66.4	66.4	66.5
Employed	8,683	8,776	8,871	8,866	8,720	8,722	8,782	8,824	8,873	8,899	8,955	8,984	9,049
Employment-population ratio ²	62.1	62.2	62.3	61.8	60.2	59.8	59.7	59.5	59.4	59.1	59.0	58.7	58.7
Unemployed	768	717	734	778	855	913	926	994	1,028	1,131	1,128	1,176	1,209
Unemployment rate	8.1	7.6	7.6	8.1	8.9	9.5	9.5	10.1	10.4	11.3	11.2	11.6	11.8

¹ The population figures are not adjusted for seasonal variation.

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

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

and Hispanics are included in both the white and black population groups. Seasonally adjusted data have been revised based on the experience through December 1992. 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	1989	1990				1991				1992			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
EMPLOYED													
Full-time workers	98,024	98,221	98,270	97,936	97,630	96,810	96,634	96,505	96,363	96,640	97,108	97,042	97,281
Men, 16 years and over	58,058	58,155	58,058	57,906	57,800	57,203	56,993	56,792	56,748	56,699	57,022	56,836	57,027
Men, 20 years and over	56,581	56,739	56,689	56,610	56,512	55,993	55,906	55,806	55,698	55,607	56,025	55,874	55,996
Women, 16 years and over	39,925	39,973	40,203	40,046	39,844	39,648	39,635	39,600	39,687	40,044	40,065	40,104	40,313
Women, 20 years and over	38,840	38,954	39,178	39,083	38,947	38,819	38,791	38,877	38,942	39,304	39,363	39,397	39,578
Both sexes, 16 to 19 years	2,603	2,528	2,403	2,243	2,171	1,999	1,937	1,821	1,723	1,729	1,720	1,771	1,707
Part-time workers	19,829	19,993	19,908	19,873	19,893	20,051	20,315	20,402	20,439	20,386	20,439	20,826	20,645
Men, 16 years and over	6,382	6,454	6,500	6,411	6,436	6,499	6,602	6,733	6,786	6,797	6,760	7,049	7,019
Men, 20 years and over	4,410	4,498	4,561	4,563	4,611	4,689	4,823	4,914	5,023	5,088	5,040	5,255	5,187
Women, 16 years and over	13,446	13,516	13,418	13,482	13,452	13,539	13,715	13,666	13,660	13,588	13,680	13,751	13,638
Women, 20 years and over	11,262	11,374	11,353	11,462	11,483	11,532	11,748	11,743	11,700	11,691	11,794	11,824	11,778
Both sexes, 16 to 19 years	4,157	4,121	3,994	3,849	3,798	3,830	3,743	3,745	3,715	3,607	3,605	3,747	3,679
UNEMPLOYED													
Looking for full-time work	5,310	5,237	5,244	5,601	6,163	6,683	6,890	6,983	7,244	7,585	7,827	7,960	7,643
Men, 16 years and over	3,124	2,990	3,087	3,317	3,683	4,104	4,191	4,249	4,321	4,785	4,774	4,708	4,543
Men, 20 years and over	2,728	2,728	2,764	2,980	3,340	3,694	3,841	3,929	3,986	4,265	4,413	4,430	4,283
Women, 16 years and over	2,226	2,164	2,164	2,297	2,479	2,649	2,686	2,689	2,859	2,963	3,033	3,193	2,999
Women, 20 years and over	1,966	1,941	1,943	2,069	2,233	2,361	2,449	2,419	2,637	2,721	2,759	2,901	2,788
Both sexes, 16 to 19 years	616	567	536	551	590	628	600	635	620	600	655	629	572
Looking for part-time work	1,360	1,309	1,312	1,384	1,328	1,444	1,518	1,485	1,541	1,577	1,626	1,674	1,683
Men, 16 years and over	549	493	522	568	556	590	615	607	614	656	661	708	699
Men, 20 years and over	229	227	241	249	221	241	255	278	272	273	265	291	288
Women, 16 years and over	813	824	785	809	773	853	894	878	929	930	953	969	979
Women, 20 years and over	540	529	497	526	494	553	570	560	581	587	627	618	655
Both sexes, 16 to 19 years	591	553	574	608	613	650	693	647	687	716	735	765	739

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 1992. 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	1989	1990				1991				1992			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
CHARACTERISTIC													
Total	117,805	118,087	118,206	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021
Married men, spouse present	40,825	41,124	40,770	40,689	40,722	40,456	40,392	40,486	40,351	40,071	40,357	40,287	40,483
Married women, spouse present	29,700	29,798	29,846	29,782	29,763	29,660	29,728	29,857	29,849	29,952	30,172	30,196	30,226
Women who maintain families	6,353	6,314	6,399	6,358	6,357	6,420	6,422	6,494	6,493	6,563	6,564	6,615	6,586
OCCUPATION													
Managerial and professional specialty	30,704	30,635	30,508	30,793	30,691	30,857	30,915	30,974	31,295	31,019	31,026	31,122	31,434
Technical, sales, and administrative support	36,516	36,980	36,857	36,428	36,488	36,200	36,154	36,024	36,006	36,750	36,939	36,852	36,714
Service occupations	15,432	15,505	15,784	15,874	15,861	15,841	15,944	16,062	16,086	16,108	16,076	16,099	16,100
Precision production, craft, and repair	13,887	13,782	13,712	13,607	13,460	13,359	13,224	13,042	13,022	12,863	13,082	13,283	13,267
Operators, fabricators, and laborers	17,878	17,851	17,822	17,747	17,649	17,209	17,161	17,243	17,057	16,967	16,960	16,928	16,965
Farming, forestry, and fishing	3,400	3,369	3,437	3,411	3,394	3,438	3,494	3,469	3,420	3,420	3,394	3,483	3,526
INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,670	1,644	1,668	1,697	1,697	1,614	1,692	1,696	1,670	1,676	1,710	1,701	1,692
Self-employed workers	1,389	1,399	1,464	1,339	1,404	1,419	1,440	1,457	1,452	1,415	1,387	1,402	1,391
Unpaid family workers	120	111	109	103	106	146	110	114	112	103	110	107	129
Nonagricultural industries:													
Wage and salary workers	105,722	106,022	105,935	105,730	105,213	104,651	104,478	104,451	104,516	105,092	105,498	105,653	105,918
Government	17,673	17,728	17,908	17,660	17,648	17,840	17,968	17,866	17,918	17,801	17,939	18,386	18,217
Private industries	88,048	88,295	88,027	88,070	87,565	86,811	86,509	86,585	86,598	87,291	87,559	87,267	87,701
Private households	1,031	1,036	1,004	1,007	1,013	980	971	1,034	981	1,075	1,109	1,169	1,101
Other industries	87,017	87,259	87,022	87,063	86,552	85,831	85,538	85,551	85,617	86,216	86,450	86,098	86,600
Self-employed workers	8,579	8,732	8,757	8,732	8,816	8,859	8,989	8,883	8,859	8,618	8,557	8,656	8,642
Unpaid family workers	263	274	247	248	242	232	227	214	229	232	248	236	210
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	4,794	4,834	4,917	5,202	5,486	5,786	5,952	6,142	6,349	6,465	6,310	6,352	6,425
Slack work	2,329	2,339	2,437	2,589	2,832	3,107	3,201	3,200	3,320	3,225	3,239	3,236	3,176
Could only find part-time work	2,111	2,151	2,154	2,235	2,330	2,331	2,460	2,627	2,720	2,935	2,773	2,823	2,971
Voluntary part time	15,317	15,342	15,335	15,186	15,045	14,985	15,179	15,009	14,898	14,558	14,888	14,944	14,818
Nonagricultural industries:													
Part time for economic reasons	4,562	4,608	4,701	4,945	5,213	5,504	5,701	5,836	6,072	6,190	6,044	6,088	6,148
Slack work	2,169	2,185	2,266	2,410	2,652	2,908	3,012	3,013	3,139	3,034	3,032	3,082	3,000
Could only find part-time work	2,056	2,094	2,097	2,173	2,261	2,264	2,378	2,536	2,648	2,861	2,695	2,747	2,899
Voluntary part time	14,895	14,882	14,837	14,776	14,637	14,575	14,732	14,567	14,434	14,107	14,462	14,523	14,404

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 on occupations and industries for 1992 are not fully

comparable with data for prior years because of the introduction of the classification systems used in the 1990 census. Data have been revised based on the experience through December 1992. 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	1989	1990				1991				1992			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Total, 16 years and over	117,805	118,087	118,206	117,838	117,543	116,862	116,957	116,780	116,888	117,087	117,536	117,742	118,021
16 to 24 years	19,385	19,260	19,089	18,702	18,481	18,245	17,916	17,622	17,648	17,544	17,487	17,588	17,595
16 to 19 years	6,711	6,574	6,406	6,102	5,973	5,857	5,694	5,454	5,488	5,407	5,329	5,411	5,444
16 to 17 years	2,574	2,488	2,384	2,234	2,208	2,226	2,142	2,045	2,088	2,051	2,024	2,077	2,048
18 to 19 years	4,129	4,096	4,013	3,864	3,759	3,649	3,542	3,416	3,405	3,385	3,290	3,333	3,388
20 to 24 years	12,673	12,687	12,683	12,600	12,509	12,388	12,222	12,168	12,160	12,137	12,158	12,177	12,151
25 years and over	98,399	98,847	99,081	99,165	99,040	98,644	99,013	99,189	99,220	99,564	100,025	100,176	100,409
25 to 54 years	83,545	83,965	84,189	84,240	84,157	83,949	84,323	84,528	84,647	84,800	85,297	85,541	85,752
55 years and over	14,846	14,876	14,886	14,945	14,869	14,691	14,682	14,682	14,562	14,761	14,718	14,648	14,657
Men, 16 years and over	64,443	64,596	64,582	64,314	64,244	63,676	63,603	63,529	63,532	63,455	63,786	63,902	64,054
16 to 24 years	10,108	10,065	9,989	9,739	9,651	9,491	9,305	9,226	9,166	9,045	9,061	9,201	9,251
16 to 19 years	3,441	3,395	3,323	3,131	3,106	3,008	2,885	2,825	2,786	2,750	2,737	2,803	2,847
16 to 17 years	1,317	1,286	1,232	1,147	1,160	1,156	1,101	1,055	1,055	1,033	1,029	1,070	1,077
18 to 19 years	2,123	2,113	2,080	1,983	1,943	1,863	1,776	1,772	1,736	1,743	1,697	1,727	1,766
20 to 24 years	6,668	6,670	6,666	6,608	6,545	6,484	6,420	6,401	6,380	6,295	6,324	6,399	6,404
25 years and over	54,333	54,542	54,567	54,582	54,595	54,197	54,280	54,311	54,368	54,415	54,711	54,706	54,805
25 to 54 years	45,861	46,064	46,091	46,041	46,070	45,872	45,920	46,030	46,084	46,045	46,317	46,454	46,532
55 years and over	8,464	8,496	8,456	8,550	8,513	8,342	8,343	8,294	8,275	8,364	8,377	8,262	8,271
Women, 16 years and over	53,363	53,491	53,624	53,524	53,299	53,186	53,354	53,251	53,356	53,633	53,750	53,840	53,967
16 to 24 years	9,276	9,196	9,100	8,963	8,831	8,753	8,611	8,396	8,482	8,499	8,426	8,387	8,344
16 to 19 years	3,271	3,179	3,083	2,971	2,867	2,849	2,809	2,629	2,702	2,657	2,592	2,608	2,597
16 to 17 years	1,258	1,201	1,152	1,087	1,048	1,070	1,040	990	1,033	1,018	995	1,006	971
18 to 19 years	2,006	1,982	1,933	1,881	1,816	1,786	1,766	1,643	1,669	1,642	1,593	1,606	1,622
20 to 24 years	6,006	6,017	6,017	5,992	5,964	5,904	5,802	5,767	5,780	5,842	5,834	5,779	5,747
25 years and over	44,065	44,305	44,514	44,583	44,445	44,447	44,733	44,878	44,853	45,149	45,314	45,469	45,604
25 to 54 years	37,684	37,901	38,098	38,199	38,087	38,076	38,403	38,498	38,563	38,755	38,980	39,086	39,220
55 years and over	6,382	6,380	6,430	6,395	6,356	6,349	6,339	6,389	6,287	6,377	6,341	6,386	6,386

NOTE: Data have been revised based on the experience through December 1992. See the article in this issue for additional information.

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

(In thousands)

Sex and age	1989	1990				1991				1992			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Total, 16 years and over	6,682	6,557	6,566	6,948	7,494	8,130	8,433	8,439	8,783	9,166	9,491	9,601	9,320
16 to 24 years	2,437	2,311	2,319	2,371	2,483	2,684	2,760	2,758	2,872	2,859	2,936	2,958	2,830
16 to 19 years	1,211	1,134	1,114	1,141	1,206	1,289	1,296	1,266	1,309	1,327	1,393	1,378	1,312
16 to 17 years	544	497	515	487	520	537	547	565	592	586	646	619	598
18 to 19 years	662	628	609	655	685	743	757	700	722	732	754	756	720
20 to 24 years	1,226	1,178	1,205	1,230	1,277	1,395	1,465	1,492	1,564	1,532	1,543	1,580	1,519
25 years and over	4,240	4,247	4,253	4,574	5,005	5,444	5,677	5,674	5,912	6,303	6,558	6,639	6,494
25 to 54 years	3,759	3,734	3,775	4,070	4,483	4,866	5,044	5,086	5,309	5,625	5,768	5,859	5,779
55 years and over	499	517	458	501	542	579	609	597	621	677	759	797	727
Men, 16 years and over	3,646	3,563	3,613	3,853	4,231	4,632	4,836	4,902	4,965	5,286	5,476	5,498	5,301
16 to 24 years	1,371	1,246	1,275	1,283	1,385	1,516	1,565	1,584	1,577	1,651	1,673	1,657	1,598
16 to 19 years	681	609	607	631	670	699	730	700	707	751	782	783	729
16 to 17 years	310	252	274	269	288	306	291	304	303	326	361	344	329
18 to 19 years	366	356	338	362	379	392	444	393	404	423	426	434	401
20 to 24 years	690	637	668	652	715	817	834	885	870	900	890	875	870
25 years and over	2,273	2,324	2,341	2,561	2,843	3,122	3,271	3,307	3,389	3,644	3,800	3,833	3,705
25 to 54 years	1,982	2,014	2,042	2,235	2,510	2,756	2,870	2,923	3,033	3,211	3,304	3,363	3,270
55 years and over	308	311	283	321	353	365	382	386	377	431	475	478	450
Women, 16 years and over	3,036	2,993	2,953	3,095	3,263	3,499	3,598	3,537	3,818	3,880	4,014	4,103	4,019
16 to 24 years	1,066	1,065	1,044	1,088	1,098	1,168	1,196	1,173	1,295	1,208	1,263	1,301	1,232
16 to 19 years	530	525	507	510	536	590	565	566	602	576	611	595	583
16 to 17 years	234	245	242	218	232	231	256	261	289	260	284	275	269
18 to 19 years	296	272	271	293	306	351	313	307	318	309	328	322	318
20 to 24 years	536	541	537	579	562	578	630	607	693	632	653	705	649
25 years and over	1,967	1,923	1,913	2,013	2,162	2,322	2,406	2,367	2,522	2,659	2,759	2,806	2,789
25 to 54 years	1,777	1,720	1,733	1,835	1,973	2,111	2,174	2,162	2,276	2,415	2,465	2,496	2,510
55 years and over	191	206	175	180	189	214	226	211	244	246	284	319	277

NOTE: Data have been revised based on the experience through December 1992. See the article in this issue for additional information.

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

(Civilian workers)

Sex and age	1989	1990				1991				1992			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Total, 16 years and over	5.4	5.3	5.3	5.6	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3
16 to 24 years	11.2	10.7	10.8	11.3	11.8	12.8	13.4	13.5	14.0	14.0	14.4	14.4	13.9
16 to 19 years	15.3	14.7	14.8	15.8	16.8	18.0	18.5	18.8	19.3	19.7	20.7	20.3	19.4
16 to 17 years	17.4	16.7	17.8	17.9	19.1	19.4	20.4	21.6	22.1	22.2	24.2	23.0	22.6
18 to 19 years	13.8	13.3	13.2	14.5	15.4	16.9	17.6	17.0	17.5	17.8	18.6	18.5	17.5
20 to 24 years	8.8	8.5	8.7	8.9	9.3	10.1	10.7	10.9	11.4	11.2	11.3	11.5	11.1
25 years and over	4.1	4.1	4.1	4.4	4.8	5.2	5.4	5.4	5.6	6.0	6.2	6.2	6.1
25 to 54 years	4.3	4.3	4.3	4.6	5.1	5.5	5.6	5.7	5.9	6.2	6.3	6.4	6.3
55 years and over	3.3	3.4	3.0	3.2	3.5	3.8	4.0	3.9	4.1	4.4	4.9	5.2	4.7
Men, 16 years and over	5.4	5.2	5.3	5.7	6.2	6.8	7.1	7.2	7.2	7.7	7.9	7.9	7.6
16 to 24 years	11.9	11.0	11.3	11.6	12.6	13.8	14.4	14.7	14.7	15.4	15.6	15.3	14.7
16 to 19 years	16.5	15.2	15.4	16.8	17.7	18.9	20.2	19.9	20.2	21.4	22.2	21.8	20.4
16 to 17 years	19.1	16.4	18.2	19.0	19.9	21.0	20.9	22.4	22.3	24.0	26.0	24.3	23.4
18 to 19 years	14.7	14.4	14.0	15.4	16.3	17.4	20.0	18.1	18.9	19.5	20.1	20.1	18.5
20 to 24 years	9.4	8.7	9.1	9.0	9.8	11.2	11.5	12.1	12.0	12.5	12.3	12.0	12.0
25 years and over	4.0	4.1	4.1	4.5	5.0	5.4	5.7	5.7	5.9	6.3	6.5	6.5	6.3
25 to 54 years	4.1	4.2	4.2	4.6	5.2	5.7	5.9	6.0	6.2	6.5	6.7	6.8	6.6
55 years and over	3.5	3.5	3.2	3.6	4.0	4.2	4.4	4.4	4.4	4.9	5.4	5.5	5.2
Women, 16 years and over	5.4	5.3	5.2	5.5	5.8	6.2	6.3	6.2	6.7	6.7	6.9	7.1	6.9
16 to 24 years	10.3	10.4	10.3	10.8	11.1	11.8	12.2	12.3	13.2	12.4	13.0	13.4	12.9
16 to 19 years	13.9	14.2	14.1	14.6	15.8	17.2	16.8	17.7	18.2	17.8	19.1	18.6	18.3
16 to 17 years	15.7	16.9	17.3	16.7	18.1	17.8	19.8	20.8	21.9	20.3	22.2	21.4	21.7
18 to 19 years	12.9	12.1	12.3	13.5	14.4	16.4	15.0	15.8	16.0	15.9	17.1	16.7	16.4
20 to 24 years	8.2	8.2	8.2	8.8	8.6	8.9	9.8	9.5	10.7	9.8	10.1	10.9	10.1
25 years and over	4.3	4.2	4.1	4.3	4.6	5.0	5.1	5.0	5.3	5.6	5.7	5.8	5.8
25 to 54 years	4.5	4.3	4.4	4.6	4.9	5.3	5.4	5.3	5.6	5.9	5.9	6.0	6.0
55 years and over	2.9	3.1	2.6	2.7	2.9	3.3	3.4	3.2	3.7	3.7	4.3	4.8	4.2

NOTE: Data have been revised based on the experience through December 1992. 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	1989	1990				1991				1992			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
CHARACTERISTIC													
Total (all civilian workers)	5.4	5.3	5.3	5.6	6.0	6.5	6.7	6.7	7.0	7.3	7.5	7.5	7.3
Men, 20 years and over	4.6	4.6	4.7	5.0	5.5	6.1	6.3	6.5	6.6	7.0	7.1	7.2	7.0
Women, 20 years and over	4.8	4.7	4.6	4.9	5.1	5.5	5.7	5.5	6.0	6.1	6.2	6.4	6.3
Both sexes, 16 to 19 years	15.3	14.7	14.8	15.8	16.8	18.0	18.5	18.8	19.3	19.7	20.7	20.3	19.4
White	4.6	4.6	4.6	4.8	5.2	5.8	6.0	6.0	6.2	6.4	6.5	6.6	6.4
Black and other	10.1	9.7	9.3	10.6	11.0	10.9	11.1	11.0	11.5	12.4	12.8	12.8	12.7
Black	11.7	10.9	10.4	11.7	12.3	12.1	12.5	12.2	12.8	13.8	14.3	14.2	14.1
Hispanic origin	8.1	7.6	7.6	8.1	8.9	9.5	9.5	10.1	10.4	11.3	11.2	11.6	11.8
Married men, spouse present	3.1	3.2	3.2	3.4	3.8	4.3	4.4	4.4	4.5	4.9	5.0	5.3	4.9
Married women, spouse present	3.9	3.7	3.6	3.8	4.1	4.3	4.5	4.5	4.7	4.8	5.1	5.1	5.0
Women who maintain families	8.0	7.9	7.7	8.5	8.7	9.1	9.3	8.9	9.3	9.5	10.0	9.9	10.0
Full-time workers	5.0	4.9	4.9	5.2	5.7	6.2	6.4	6.5	6.7	7.0	7.2	7.3	7.0
Part-time workers	7.5	7.2	7.3	7.7	7.5	8.0	8.4	8.3	8.6	9.0	9.1	9.2	9.4
Unemployed 15 weeks and over ¹	1.1	1.1	1.1	1.3	1.4	1.6	1.8	1.9	2.2	2.5	2.6	2.8	2.8
Labor force time lost ²	6.0	5.9	6.0	6.3	6.8	7.4	7.5	7.7	7.9	8.2	8.3	8.4	8.2
OCCUPATION³													
Managerial and professional specialty	2.1	1.9	2.0	2.2	2.3	2.6	2.8	2.8	2.9	3.0	3.1	3.2	3.2
Technical, sales, and administrative support	4.0	4.0	3.9	4.3	4.6	4.9	5.2	5.0	5.4	5.6	5.8	6.0	5.9
Precision production, craft, and repair	5.3	5.2	5.3	6.1	7.0	7.4	7.8	8.3	8.4	9.3	8.8	8.6	8.7
Operators, fabricators, and laborers	8.3	8.3	8.3	8.3	9.6	10.6	10.7	10.3	10.4	11.1	11.2	11.2	10.5
Farming, forestry, and fishing	6.8	6.0	6.3	6.5	6.2	7.9	7.2	7.5	7.9	7.7	7.8	8.4	8.5
INDUSTRY													
Nonagricultural private wage and salary workers	5.4	5.4	5.4	5.7	6.2	6.8	7.0	7.0	7.3	7.6	7.7	7.9	7.6
Goods-producing industries	6.4	6.5	6.5	6.9	7.9	8.7	9.1	9.0	9.2	9.5	9.8	10.1	9.4
Mining	5.3	5.4	4.2	4.2	5.2	6.5	7.8	8.7	8.6	7.7	8.3	9.2	6.4
Construction	9.5	9.4	10.5	11.3	13.6	14.5	15.0	15.9	16.4	17.1	16.9	17.1	15.4
Manufacturing	5.5	5.7	5.3	5.8	6.4	7.2	7.5	7.0	7.2	7.4	7.8	8.1	7.8
Durable goods	5.3	5.5	5.3	5.9	6.5	7.7	7.9	7.2	7.1	7.5	7.8	8.4	8.3
Nondurable goods	5.7	6.0	5.4	5.6	6.1	6.5	6.8	6.8	7.2	7.3	7.8	7.7	7.2
Service-producing industries	5.0	4.9	5.0	5.2	5.5	5.9	6.2	6.2	6.5	6.8	6.9	7.0	6.9
Transportation and public utilities	3.7	3.7	3.6	4.0	4.2	4.9	5.4	5.1	5.7	5.5	5.1	5.6	5.9
Wholesale and retail trade	6.3	6.1	6.2	6.3	6.9	7.4	7.5	7.7	7.8	8.3	8.4	8.7	8.0
Finance and service industries	4.4	4.3	4.4	4.7	4.8	5.1	5.4	5.4	5.7	6.0	6.1	6.0	6.3
Government workers	2.7	2.4	2.5	2.8	2.8	3.2	3.1	3.2	3.5	3.7	3.5	3.4	3.5
Agricultural wage and salary workers	10.6	9.6	9.6	9.5	10.1	12.4	11.2	11.2	11.7	11.2	12.3	13.2	12.8

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 on occupations and industries for 1992 are not fully comparable with data for prior years because of the introduction of the classification systems used in the 1990 census. Data have been revised based on the experience through December 1992. See the article in this issue for additional information.

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

(Numbers in thousands)

Weeks of unemployment	1989	1990				1991				1992			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
DURATION													
Less than 5 weeks	3,239	3,140	3,105	3,164	3,284	3,444	3,427	3,332	3,325	3,243	3,381	3,314	3,118
5 to 14 weeks	2,011	2,042	2,136	2,221	2,441	2,692	2,767	2,701	2,747	2,760	2,717	2,823	2,730
15 weeks and over	1,406	1,384	1,374	1,565	1,747	1,994	2,254	2,400	2,739	3,135	3,284	3,539	3,538
15 to 26 weeks	755	744	731	839	962	1,088	1,218	1,257	1,396	1,441	1,357	1,463	1,484
27 weeks and over	651	640	643	726	785	906	1,036	1,144	1,343	1,694	1,927	2,076	2,054
Average (mean) duration, in weeks	11.8	11.9	11.8	12.3	12.4	12.7	13.4	14.1	15.0	16.7	17.8	18.4	18.9
Median duration, in weeks	4.9	5.1	5.1	5.5	5.9	6.2	6.7	7.2	7.7	8.1	8.7	8.9	9.4
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	48.7	47.8	46.9	45.5	44.0	42.4	40.6	39.5	37.7	35.5	36.0	34.3	33.2
5 to 14 weeks	30.2	31.1	32.3	32.0	32.7	33.1	32.8	32.0	31.2	30.2	29.0	29.2	29.1
15 weeks and over	21.1	21.1	20.8	22.5	23.4	24.5	26.7	28.5	31.1	34.3	35.0	36.6	37.7
15 to 26 weeks	11.3	11.3	11.1	12.1	12.9	13.4	14.4	14.9	15.8	15.8	14.5	15.1	15.8
27 weeks and over	9.8	9.7	9.7	10.5	10.5	11.1	12.3	13.6	15.2	18.5	20.5	21.5	21.9

NOTE: Data have been revised based on the experience through December 1992. 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	1989	1990				1991				1992			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
NUMBER OF UNEMPLOYED													
Job losers	3,101	3,079	3,110	3,359	3,811	4,385	4,567	4,692	4,864	5,126	5,395	5,438	5,279
On layoff	918	968	949	1,022	1,151	1,332	1,330	1,191	1,233	1,236	1,250	1,295	1,221
Other job losers	2,183	2,111	2,160	2,337	2,661	3,053	3,237	3,501	3,631	3,890	4,145	4,143	4,058
Job leavers	1,029	1,029	1,041	985	1,006	1,007	1,016	934	966	948	1,006	992	954
Reentrants	1,858	1,805	1,816	1,918	2,000	2,030	2,127	2,054	2,140	2,229	2,199	2,264	2,212
New entrants	686	674	611	652	676	693	742	767	809	827	905	948	881
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	46.5	46.7	47.3	48.6	50.9	54.0	54.0	55.5	55.4	56.1	56.8	56.4	56.6
On layoff	13.8	14.7	14.4	14.8	15.4	16.4	15.7	14.1	14.0	13.5	13.2	13.4	13.1
Other job losers	32.7	32.0	32.8	33.8	35.5	37.6	38.3	41.4	41.4	42.6	43.6	43.0	43.5
Job leavers	15.4	15.6	15.8	14.2	13.4	12.4	12.0	11.1	11.0	10.4	10.6	10.3	10.2
Reentrants	27.8	27.4	27.6	27.7	26.7	25.0	25.2	24.3	24.4	24.4	23.1	23.5	23.7
New entrants	10.3	10.2	9.3	9.4	9.0	8.5	8.8	9.1	9.2	9.1	9.5	9.8	9.4
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	2.5	2.5	2.5	2.7	3.0	3.5	3.6	3.7	3.9	4.1	4.2	4.3	4.1
Job leavers .....	.8	.8	.8	.8	.8	.8	.8	.7	.8	.8	.8	.8	.7
Reentrants	1.5	1.4	1.5	1.5	1.6	1.6	1.7	1.6	1.7	1.8	1.7	1.8	1.7
New entrants .....	.6	.5	.5	.5	.5	.6	.6	.6	.6	.7	.7	.7	.7

NOTE: Data have been revised based on the experience through December 1992. 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	1989	1990				1991				1992			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
TOTAL													
Total not in labor force	82,531	62,767	63,053	63,479	63,658	64,120	64,133	64,759	64,778	64,634	64,283	64,443	64,978
Do not want a job now	57,299	57,345	57,537	58,201	58,022	58,385	58,739	58,939	58,832	58,399	58,156	58,227	58,956
Current activity:													
Going to school	6,261	6,409	6,608	6,895	6,727	6,627	6,842	6,963	6,788	6,821	6,641	6,594	6,836
Ill, disabled	4,709	4,703	5,030	5,073	5,066	4,972	4,894	5,006	5,093	5,060	4,973	5,193	5,177
Keeping house	23,782	24,032	23,424	23,518	23,486	23,295	23,430	23,176	22,767	22,176	22,077	21,459	21,108
Retired	18,211	18,183	18,411	18,538	18,581	19,041	19,098	19,405	19,579	19,734	19,947	20,395	20,893
Other activity	4,336	4,017	4,063	4,178	4,163	4,451	4,475	4,388	4,605	4,609	4,519	4,586	4,942
Want a job now	5,152	5,433	5,622	5,320	5,551	5,651	5,564	5,807	5,966	6,068	6,291	6,147	6,209
Reason not looking:													
School attendance	1,263	1,404	1,425	1,388	1,424	1,424	1,358	1,517	1,434	1,493	1,763	1,494	1,620
Ill health, disability	900	910	939	859	944	1,012	903	999	1,005	1,041	1,036	1,094	1,171
Home responsibilities	1,236	1,166	1,283	1,245	1,136	1,180	1,170	1,178	1,301	1,325	1,259	1,176	1,187
Think cannot get a job	814	777	863	818	967	982	952	1,050	1,112	1,077	1,118	1,126	1,084
Job-market factors	556	504	525	519	606	650	684	695	743	814	773	819	702
Personal factors	258	272	338	298	361	332	269	355	369	263	345	307	383
Other reasons ¹	939	1,177	1,111	1,011	1,080	1,053	1,181	1,063	1,113	1,133	1,115	1,257	1,147
Men													
Total not in labor force	20,988	21,155	21,341	21,600	21,510	21,899	21,980	22,230	22,424	22,424	22,131	22,252	22,598
Do not want a job now	19,112	19,210	19,345	19,723	19,496	19,669	20,006	20,175	20,248	20,041	19,794	20,066	20,447
Want a job now	1,782	2,006	2,028	1,925	1,947	2,131	2,018	2,162	2,207	2,187	2,354	2,290	2,242
Reason not looking:													
School attendance	610	730	691	707	651	753	640	729	754	713	862	686	728
Ill health, disability	427	452	499	422	455	545	437	498	508	516	496	545	527
Think cannot get a job	376	335	353	385	399	406	416	467	451	475	527	523	489
Other reasons ¹	369	489	484	412	442	427	526	469	493	483	469	536	499
Women													
Total not in labor force	41,541	41,612	41,712	41,879	42,148	42,220	42,154	42,528	42,354	42,210	42,153	42,192	42,381
Do not want a job now	38,187	38,135	38,192	38,478	38,526	38,716	38,733	38,763	38,584	38,358	38,363	38,161	38,509
Want a job now	3,370	3,428	3,594	3,395	3,604	3,520	3,546	3,645	3,759	3,881	3,937	3,857	3,967
Reason not looking:													
School attendance	653	674	734	681	774	671	718	789	680	779	901	808	892
Ill health, disability	473	458	440	437	489	467	466	502	497	525	540	550	644
Home responsibilities	1,236	1,166	1,283	1,245	1,136	1,180	1,170	1,178	1,301	1,325	1,259	1,176	1,187
Think cannot get a job	438	442	510	433	567	576	537	583	661	602	591	603	595
Other reasons	570	688	627	599	638	626	656	594	621	650	646	720	648
White													
Total not in labor force	52,925	52,944	53,124	53,278	53,557	53,789	53,764	54,253	54,230	54,067	53,941	54,089	54,418
Do not want a job now	49,222	49,127	49,073	49,304	49,594	49,649	49,989	50,057	49,964	49,543	49,484	49,551	49,946
Want a job now	3,683	3,954	4,010	3,882	3,907	4,108	3,854	4,254	4,309	4,413	4,486	4,572	4,553
Reason not looking:													
School attendance	871	952	967	978	906	997	917	1,093	1,012	1,077	1,174	1,054	1,185
Ill health, disability	633	660	681	652	724	726	636	766	759	722	792	825	899
Home responsibilities	900	840	937	917	822	881	840	873	913	968	910	895	869
Think cannot get a job	532	563	613	562	616	667	617	720	747	733	751	808	693
Other reasons ¹	748	938	812	773	838	837	844	801	879	913	859	991	907
Black													
Total not in labor force	7,603	7,662	7,748	7,927	7,881	7,957	8,021	8,114	8,199	8,099	8,034	7,970	8,170
Do not want a job now	6,300	6,393	6,479	6,662	6,421	6,693	6,639	6,761	6,791	6,671	6,582	6,566	6,730
Want a job now	1,259	1,298	1,308	1,235	1,402	1,288	1,435	1,366	1,343	1,467	1,483	1,371	1,375
Reason not looking:													
School attendance	325	374	382	330	427	336	365	397	333	351	456	389	349
Ill health, disability	265	211	229	185	195	212	251	219	227	262	220	246	248
Home responsibilities	268	290	280	327	277	276	275	257	314	322	296	252	263
Think cannot get a job	231	199	189	213	277	269	303	282	269	337	317	264	308
Other reasons ¹	149	224	227	181	227	195	241	211	199	194	194	220	207

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 1992. 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 1991	IV 1992	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992
TOTAL										
Total not in labor force	65,091	65,374	6,777	6,783	4,309	4,224	21,264	21,335	32,742	33,032
Do not want a job now	59,273	59,349	5,762	5,724	3,437	3,413	18,041	17,981	32,033	32,231
Current activity:										
Going to school	8,277	8,320	5,236	5,188	1,996	2,054	1,031	1,058	14	20
Ill, disabled	5,086	5,170	24	19	93	90	2,839	2,955	2,132	2,106
Keeping house	22,747	21,100	284	265	1,041	903	11,030	10,456	10,392	9,477
Retired	19,369	20,657	--	--	--	--	451	579	18,918	20,075
Other activity	3,794	4,102	219	252	307	364	2,690	2,933	577	552
Want a job now	5,819	6,025	1,015	1,059	872	811	3,223	3,355	709	801
Reason for not looking:										
School attendance	1,382	1,557	821	894	256	340	297	315	8	8
Ill health, disability	1,009	1,150	17	24	75	61	697	858	220	207
Home responsibility	1,268	1,159	41	36	274	208	888	865	64	50
Think cannot get a job	1,102	1,063	84	54	126	108	693	708	198	193
Job-market factors	741	689	43	28	80	63	531	523	87	75
Personal factors	361	374	42	26	46	45	162	186	112	118
Other reasons ¹	1,060	1,096	51	51	140	94	648	608	220	344
Men										
Total not in labor force	22,784	22,982	3,358	3,304	1,596	1,547	4,828	4,996	12,981	13,135
Do not want a job now	20,645	20,831	2,827	2,748	1,304	1,298	3,892	4,045	12,621	12,741
Current activity:										
Going to school	4,152	4,031	2,674	2,592	1,065	1,037	409	395	3	6
Ill, disabled	2,642	2,678	15	16	48	52	1,625	1,637	954	973
Keeping house	436	346	7	7	20	27	210	163	198	149
Retired	11,437	11,677	--	--	--	--	327	409	11,110	11,265
Other activity	1,979	2,099	131	133	171	179	1,320	1,440	356	347
Want a job now	2,119	2,150	531	556	292	249	936	951	360	394
Reason for not looking:										
School attendance	712	690	457	472	143	134	111	78	--	7
Ill health, disability	511	528	9	13	37	43	353	375	112	97
Think cannot get a job	424	448	40	39	53	39	222	265	109	105
Other reasons ¹	472	483	25	33	59	33	250	233	139	185
Women										
Total not in labor force	42,327	42,392	3,419	3,479	2,712	2,677	16,436	16,339	19,761	19,897
Do not want a job now	38,628	38,518	2,935	2,977	2,132	2,115	14,149	13,936	19,412	19,490
Current activity:										
Going to school	4,125	4,289	2,561	2,596	931	1,017	622	662	11	14
Ill, disabled	2,445	2,492	9	3	45	38	1,213	1,318	1,178	1,133
Keeping house	22,312	20,754	277	257	1,021	876	10,820	10,293	10,194	9,328
Retired	7,932	8,979	--	--	--	--	124	170	7,808	8,810
Other activity	1,815	2,003	88	120	136	185	1,370	1,493	222	205
Want a job now	3,699	3,875	483	502	580	562	2,287	2,403	349	407
Reason for not looking:										
School attendance	670	867	363	422	113	206	186	237	8	1
Ill health, disability	497	622	8	10	38	18	344	483	108	110
Home responsibility	1,267	1,158	41	36	274	208	888	865	64	50
Think cannot get a job	678	615	45	15	74	69	471	443	89	88
Other reasons ¹	587	613	26	19	82	61	399	375	81	158

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason, race, and Hispanic origin	Total		Age						Sex			
	IV 1991	IV 1992	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992
WHITE												
Total not in labor force	54,488	54,714	8,194	8,216	17,190	17,202	29,104	29,295	18,860	19,020	35,628	35,694
Do not want a job now	50,312	50,310	6,922	6,952	14,850	14,778	28,540	28,580	17,338	17,440	32,973	32,870
Current activity:												
Going to school	6,222	6,370	5,419	5,554	789	799	14	17	3,147	3,095	3,075	3,275
Ill, disabled	3,944	4,044	92	80	2,186	2,252	1,667	1,712	2,078	2,099	1,866	1,945
Keeping house	19,802	18,261	1,053	904	9,384	8,883	9,365	8,473	314	223	19,489	18,038
Retired	17,375	18,383	—	—	395	528	16,980	17,855	10,265	10,440	7,111	7,943
Other activity	2,967	3,253	358	415	2,096	2,316	513	522	1,534	1,582	1,433	1,671
Want a job now	4,186	4,356	1,273	1,249	2,317	2,422	596	685	1,531	1,570	2,656	2,785
Reason for not looking:												
School attendance	935	1,081	739	838	193	235	3	8	482	506	454	575
Ill health, disability	762	872	68	51	518	647	175	174	391	399	370	474
Home responsibility	881	837	197	175	636	616	47	46	—	—	881	837
Think cannot get a job	781	710	125	77	482	457	173	175	288	292	492	417
Other reasons ¹	828	856	143	108	488	467	197	281	369	373	459	483
BLACK												
Total not in labor force	8,214	8,200	2,234	2,141	3,026	3,076	2,954	2,983	3,049	3,094	5,165	5,106
Do not want a job now	6,852	6,807	1,713	1,623	2,289	2,300	2,850	2,884	2,566	2,621	4,286	4,186
Current activity:												
Going to school	1,439	1,337	1,330	1,212	109	124	—	1	668	616	771	721
Ill, disabled	1,016	1,012	16	25	577	642	421	345	501	513	516	499
Keeping house	2,130	1,978	213	197	1,096	1,004	820	777	104	100	2,026	1,878
Retired	1,602	1,793	—	—	47	44	1,555	1,746	931	963	672	830
Other activity	664	687	151	187	459	486	54	15	363	429	301	258
Want a job now	1,362	1,393	521	519	737	775	104	99	483	473	879	920
Reason for not looking:												
School attendance	358	372	271	309	83	63	4	—	179	150	179	222
Ill health, disability	225	244	21	33	161	179	43	33	104	105	121	139
Home responsibility	333	282	107	66	209	214	17	2	—	—	333	282
Think cannot get a job	259	300	77	81	159	211	23	8	120	125	139	175
Other reasons ¹	187	195	45	30	125	109	16	57	81	93	106	102
HISPANIC ORIGIN												
Total not in labor force	5,132	5,265	1,347	1,356	2,399	2,459	1,385	1,450	1,514	1,502	3,618	3,764
Do not want a job now	4,415	4,509	1,075	1,110	1,973	2,006	1,367	1,394	1,271	1,268	3,143	3,241
Current activity:												
Going to school	712	820	637	723	75	97	—	—	328	397	384	423
Ill, disabled	489	433	40	16	292	281	157	136	277	244	211	189
Keeping house	2,192	2,155	331	292	1,401	1,377	461	486	40	22	2,152	2,133
Retired	743	788	—	—	13	23	730	764	450	438	293	350
Other activity	278	314	67	79	191	227	20	8	176	168	103	146
Want a job now	674	749	272	280	363	422	39	48	200	239	474	510
Reason for not looking:												
School attendance	164	192	149	158	15	34	—	—	68	77	96	115
Ill health, disability	99	108	18	6	69	88	12	14	48	28	50	80
Home responsibility	177	139	49	49	125	88	3	2	—	—	177	139
Think cannot get a job	135	178	24	33	104	130	8	14	39	83	97	94
Other reasons ¹	99	132	33	33	50	81	17	18	45	50	54	81

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 1992							
	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	144	11	--	33	100	115	20	21
Lacks education or training	158	10	31	110	7	112	34	37
Other personal handicap	73	5	14	43	11	54	15	12
Job-market factors:								
Could not find work	419	23	59	316	21	222	181	71
Thinks no job available	270	6	4	206	54	206	49	36
Men								
Personal factors:								
Employers think too young or old	72	9	--	11	52	57	9	10
Lacks education or training	63	7	12	42	2	45	11	22
Other personal handicap	28	--	6	16	6	26	3	3
Job-market factors:								
Could not find work	151	19	17	110	6	63	80	24
Thinks no job available	134	4	4	86	39	103	23	25
Women								
Personal factors:								
Employers think too young or old	72	2	--	22	48	58	11	11
Lacks education or training	94	2	19	69	5	68	24	15
Other personal handicap	45	5	8	26	5	29	13	9
Job-market factors:								
Could not find work	268	4	42	207	16	159	101	47
Thinks no job available	136	1	--	120	15	103	26	12

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 1991	IV 1992	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992
TOTAL												
Do not intend to seek work	54,958	55,352	6,046	5,974	16,842	17,067	32,070	32,311	46,634	46,846	6,423	6,448
Intend to seek work in the next 12 months	10,134	10,023	5,039	5,033	4,423	4,269	672	721	7,864	7,820	1,791	1,752
Never worked	1,536	1,660	1,338	1,455	189	186	10	19	1,072	1,154	366	388
Last worked over 5 years ago	1,117	1,178	45	41	864	876	209	258	802	881	269	256
Last worked 1 to 5 years ago	2,451	2,423	756	701	1,520	1,511	176	211	1,864	1,922	460	421
Worked during the previous 12 months	5,029	4,762	2,900	2,836	1,851	1,693	278	233	4,126	3,864	696	687
Men												
Do not intend to seek work	18,718	19,138	2,476	2,487	3,618	3,872	12,624	12,779	15,749	15,966	2,337	2,480
Intend to seek work in the next 12 months	4,046	3,844	2,479	2,364	1,210	1,124	357	355	3,120	3,044	711	614
Never worked	674	760	636	711	35	45	3	4	499	528	142	174
Last worked over 5 years ago	235	281	21	10	128	171	87	101	140	197	79	73
Last worked 1 to 5 years ago	741	698	262	242	370	341	109	115	547	567	140	105
Worked during the previous 12 months	2,396	2,104	1,560	1,401	677	567	158	136	1,934	1,752	350	261
Women												
Do not intend to seek work	36,239	36,213	3,570	3,487	13,223	13,195	19,445	19,531	30,885	30,880	4,085	3,968
Intend to seek work in the next 12 months	6,088	6,179	2,561	2,668	3,212	3,145	315	366	4,744	4,776	1,080	1,138
Never worked	863	900	702	744	153	141	8	14	574	626	223	213
Last worked over 5 years ago	882	896	25	32	736	707	122	157	662	683	190	183
Last worked 1 to 5 years ago	1,710	1,725	494	458	1,149	1,171	66	96	1,317	1,355	321	316
Worked during the previous 12 months	2,634	2,658	1,340	1,434	1,174	1,126	120	98	2,192	2,112	346	426

**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 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992
TOTAL								
Civilian noninstitutional population	190,449	192,319	161,947	163,135	21,744	22,096	14,948	15,421
Civilian labor force	125,357	126,945	107,460	108,421	13,530	13,896	9,816	10,156
Percent of population	65.8	66.0	66.4	66.5	62.2	62.9	65.7	65.9
Employed	117,071	118,186	101,164	101,928	11,862	12,012	8,840	9,011
Agriculture	3,118	3,089	2,897	2,873	163	155	447	486
Nonagricultural industries	113,953	115,097	98,267	99,055	11,699	11,857	8,393	8,525
Unemployed	8,286	8,759	6,296	6,493	1,669	1,884	976	1,145
Unemployment rate	6.6	6.9	5.9	6.0	12.3	13.6	9.9	11.3
Not in labor force	65,091	65,374	54,488	54,714	8,214	8,200	5,132	5,265
Men, 16 years and over								
Civilian noninstitutional population	90,921	91,952	77,937	78,630	9,782	9,959	7,418	7,660
Civilian labor force	68,157	68,970	59,077	59,610	6,733	6,865	5,904	6,158
Percent of population	75.0	75.0	75.8	75.8	68.8	68.9	79.6	80.4
Employed	63,494	64,023	55,412	55,861	5,920	5,885	5,286	5,498
Agriculture	2,452	2,472	2,265	2,285	146	143	403	445
Nonagricultural industries	61,043	61,551	53,147	53,576	5,774	5,742	4,883	5,053
Unemployed	4,662	4,948	3,665	3,749	814	980	618	660
Unemployment rate	6.8	7.2	6.2	6.3	12.1	14.3	10.5	10.7
Not in labor force	22,764	22,982	18,860	19,020	3,049	3,094	1,514	1,502
Men, 20 years and over								
Civilian noninstitutional population	84,254	85,262	72,577	73,303	8,749	8,925	6,674	6,898
Civilian labor force	64,849	65,585	56,222	56,758	6,374	6,466	5,520	5,776
Percent of population	77.0	76.9	77.5	77.4	72.9	72.5	82.7	83.7
Employed	60,848	61,316	53,060	53,479	5,688	5,656	4,991	5,211
Agriculture	2,322	2,312	2,142	2,134	141	135	378	409
Nonagricultural industries	58,526	59,005	50,917	51,345	5,546	5,521	4,613	4,802
Unemployed	4,001	4,269	3,162	3,279	687	810	529	565
Unemployment rate	6.2	6.5	5.6	5.8	10.8	12.5	9.6	9.8
Not in labor force	19,406	19,677	16,355	16,545	2,375	2,459	1,153	1,122
Women, 16 years and over								
Civilian noninstitutional population	99,528	100,367	84,011	84,505	11,962	12,137	7,529	7,762
Civilian labor force	57,201	57,975	48,383	48,811	6,797	7,031	3,912	3,998
Percent of population	57.5	57.8	57.6	57.8	56.8	57.9	52.0	51.5
Employed	53,577	54,163	45,751	46,067	5,942	6,127	3,554	3,513
Agriculture	666	618	631	589	18	12	44	41
Nonagricultural industries	52,911	53,546	45,120	45,479	5,924	6,115	3,509	3,472
Unemployed	3,624	3,811	2,631	2,744	855	904	358	485
Unemployment rate	6.3	6.6	5.4	5.6	12.6	12.9	9.2	12.1
Not in labor force	42,327	42,392	35,628	35,694	5,165	5,106	3,618	3,764
Women, 20 years and over								
Civilian noninstitutional population	92,955	93,860	78,775	79,324	10,911	11,092	6,804	7,020
Civilian labor force	54,046	54,947	45,649	46,213	6,482	6,700	3,630	3,702
Percent of population	58.1	58.5	57.9	58.3	59.4	60.4	53.3	52.7
Employed	50,968	51,662	43,433	43,849	5,744	5,922	3,334	3,305
Agriculture	642	584	607	555	18	12	43	38
Nonagricultural industries	50,326	51,078	42,826	43,293	5,727	5,910	3,291	3,267
Unemployed	3,078	3,285	2,216	2,365	738	778	296	398
Unemployment rate	5.7	6.0	4.9	5.1	11.4	11.6	8.1	10.7
Not in labor force	38,909	38,913	33,126	33,110	4,430	4,392	3,174	3,318
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,239	13,196	10,595	10,508	2,083	2,079	1,470	1,503
Civilian labor force	6,462	6,413	5,588	5,449	674	730	666	678
Percent of population	48.8	48.6	52.7	51.9	32.4	35.1	45.3	45.1
Employed	5,256	5,208	4,671	4,600	430	434	515	496
Agriculture	154	193	147	184	4	8	26	39
Nonagricultural industries	5,102	5,014	4,523	4,416	426	425	489	456
Unemployed	1,206	1,205	918	849	244	296	151	182
Unemployment rate	18.7	18.8	16.4	15.6	36.2	40.6	22.7	26.9
Not in labor force	6,777	6,783	5,007	5,058	1,409	1,349	804	826

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 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992
TOTAL								
Civilian noninstitutional population	14,948	15,421	9,127	9,622	1,619	1,619	859	885
Civilian labor force	9,816	10,156	6,007	6,444	927	918	546	538
Percent of population	65.7	65.9	65.8	67.0	57.3	56.7	63.6	60.8
Employed	8,840	9,011	5,385	5,671	810	783	498	508
Agriculture	447	486	403	438	5	7	7	8
Nonagricultural industries	8,393	8,525	4,983	5,233	805	776	491	501
Unemployed	976	1,145	622	773	118	135	48	30
Unemployment rate	9.9	11.3	10.4	12.0	12.7	14.7	8.9	5.6
Not in labor force	5,132	5,265	3,120	3,177	692	701	313	347
Men, 16 years and over								
Civilian noninstitutional population	7,418	7,660	4,682	4,920	729	711	406	405
Civilian labor force	5,904	6,156	3,775	4,045	517	496	302	294
Percent of population	79.6	80.4	80.6	82.2	70.9	69.8	74.3	72.7
Employed	5,286	5,498	3,371	3,587	444	421	270	264
Agriculture	403	445	361	401	4	6	6	8
Nonagricultural industries	4,883	5,053	3,010	3,186	440	415	264	276
Unemployed	618	660	404	458	73	75	31	11
Unemployment rate	10.5	10.7	10.7	11.3	14.1	15.2	10.4	3.7
Not in labor force	1,514	1,502	907	876	212	215	104	111
Men, 20 years and over								
Civilian noninstitutional population	6,674	6,898	4,169	4,402	664	624	378	386
Civilian labor force	5,520	5,776	3,485	3,755	491	483	289	287
Percent of population	82.7	83.7	83.6	85.3	73.9	74.3	76.4	74.4
Employed	4,991	5,211	3,146	3,375	429	398	261	277
Agriculture	378	409	337	366	4	6	6	7
Nonagricultural industries	4,613	4,802	2,809	3,009	425	391	254	270
Unemployed	529	565	339	379	61	66	28	10
Unemployment rate	9.6	9.8	9.7	10.1	12.5	14.2	9.8	3.6
Not in labor force	1,153	1,122	684	647	174	161	89	99
Women, 16 years and over								
Civilian noninstitutional population	7,529	7,762	4,446	4,701	890	907	453	480
Civilian labor force	3,912	3,998	2,232	2,399	410	421	244	244
Percent of population	52.0	51.5	50.2	51.0	46.1	46.4	53.9	50.8
Employed	3,554	3,513	2,015	2,084	365	362	227	225
Agriculture	44	41	42	38	1	1	--	--
Nonagricultural industries	3,509	3,472	1,973	2,046	365	362	227	225
Unemployed	358	485	218	315	45	59	17	19
Unemployment rate	9.2	12.1	9.7	13.1	10.9	14.1	6.9	7.8
Not in labor force	3,618	3,764	2,213	2,302	480	486	208	236
Women, 20 years and over								
Civilian noninstitutional population	6,804	7,020	3,945	4,167	808	821	433	465
Civilian labor force	3,630	3,702	2,039	2,188	382	393	236	236
Percent of population	53.3	52.7	51.7	52.5	47.3	47.9	54.5	50.7
Employed	3,334	3,305	1,864	1,934	345	344	220	220
Agriculture	43	38	40	35	1	--	--	--
Nonagricultural industries	3,291	3,267	1,824	1,899	345	344	220	219
Unemployed	296	398	175	254	36	49	16	16
Unemployment rate	8.1	10.7	8.6	11.6	9.5	12.6	6.7	6.9
Not in labor force	3,174	3,318	1,906	1,979	426	428	197	229
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,470	1,503	1,014	1,053	147	174	48	35
Civilian labor force	686	678	483	502	55	62	21	15
Percent of population	45.3	45.1	47.6	47.6	37.1	35.4	(²)	(²)
Employed	515	496	376	362	35	42	17	12
Agriculture	26	39	26	38	--	1	--	--
Nonagricultural industries	489	456	350	324	35	41	17	12
Unemployed	151	182	107	140	20	20	4	4
Unemployment rate	22.7	26.9	22.2	27.8	(²)	31.9	(²)	(²)
Not in labor force	804	826	531	551	92	113	27	19

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 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992
CHARACTERISTIC								
Total (all civilian workers)	117,071	118,186	101,164	101,928	11,862	12,012	8,840	9,011
Men	63,494	64,023	55,412	55,861	5,920	5,885	5,286	5,498
Women	53,577	54,163	45,751	46,067	5,942	6,127	3,554	3,513
OCCUPATION								
Managerial and professional specialty	31,482	31,643	28,370	28,318	1,956	2,094	1,158	1,195
Executive, administrative, and managerial	15,057	14,816	13,713	13,457	876	884	575	627
Professional specialty	16,426	16,827	14,657	14,861	1,079	1,210	583	568
Technical, sales, and administrative support	35,986	36,659	31,382	32,039	3,361	3,285	2,127	2,175
Technicians and related support	3,774	4,146	3,261	3,537	321	414	164	183
Sales occupations	14,003	14,109	12,542	12,690	955	911	791	795
Administrative support, including clerical	18,209	18,404	15,579	15,811	2,085	1,960	1,172	1,196
Service occupations	16,005	16,015	12,641	12,573	2,689	2,787	1,804	1,764
Private household	762	887	585	694	142	163	152	151
Protective service	1,988	2,067	1,617	1,644	328	372	124	146
Service, except private household and protective	13,255	13,060	10,439	10,236	2,218	2,252	1,529	1,466
Precision production, craft, and repair	13,088	13,340	11,714	11,912	1,058	1,051	1,146	1,261
Mechanics and repairers	4,447	4,468	3,985	4,021	371	346	316	383
Construction trades	4,661	4,883	4,231	4,471	345	328	414	412
Other precision production, craft, and repair	3,979	3,989	3,498	3,420	343	377	415	467
Operators, fabricators, and laborers	17,286	17,205	14,107	14,061	2,590	2,564	2,113	2,054
Machine operators, assemblers, and inspectors	7,727	7,548	6,208	6,114	1,175	1,102	1,017	1,088
Transportation and material moving occupations	4,981	4,926	4,126	4,122	750	707	443	422
Handlers, equipment cleaners, helpers, and laborers	4,578	4,732	3,774	3,825	665	755	653	544
Construction laborers	703	628	597	518	90	88	127	94
Other handlers, equipment cleaners, helpers, and laborers	3,875	4,104	3,177	3,307	575	667	527	449
Farming, forestry, and fishing	3,225	3,324	2,949	3,025	209	230	491	562
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,603	1,618	1,436	1,458	128	114	393	427
Self-employed workers	1,414	1,353	1,360	1,297	36	40	53	59
Unpaid family workers	101	118	102	118	-	-	1	-
Nonagricultural industries:								
Wage and salary workers	104,736	106,114	89,887	90,862	11,253	11,413	7,937	8,058
Government	18,226	18,528	14,911	15,096	2,664	2,742	1,074	1,015
Private industries	86,510	87,586	74,976	75,766	8,589	8,670	6,863	7,043
Private households	971	1,083	734	836	196	209	181	187
Other industries	85,539	86,503	74,242	74,930	8,394	8,461	6,682	6,856
Self-employed workers	8,996	8,780	8,197	8,005	441	438	445	451
Unpaid family workers	221	203	183	188	5	6	10	16
FULL- AND PART-TIME STATUS¹								
Full-time schedules	93,919	95,065	80,968	81,797	9,725	9,842	7,164	7,299
Part time for economic reasons	6,150	6,238	4,997	5,077	934	920	779	836
Part time for noneconomic reasons	17,002	16,882	15,199	15,054	1,202	1,249	898	876

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. Data on occupations and industries for 1992 are not strictly comparable with data for prior years because of the introduction of the classification systems used in the 1990 census.

**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 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992
CHARACTERISTIC								
Total (all civilian workers)	8,840	9,011	5,385	5,671	810	783	498	508
Men	5,286	5,498	3,371	3,587	444	421	270	284
Women	3,554	3,513	2,015	2,084	365	362	227	225
OCCUPATION								
Managerial and professional specialty	1,158	1,195	559	608	136	129	123	121
Executive, administrative, and managerial	575	627	283	328	67	60	67	70
Professional specialty	583	568	277	280	70	69	55	51
Technical, sales, and administrative support	2,127	2,175	1,167	1,296	240	245	174	150
Technicians and related support	164	183	98	115	14	14	15	14
Sales occupations	791	795	431	472	71	69	65	46
Administrative support, including clerical	1,172	1,196	638	709	155	162	94	90
Service occupations	1,804	1,764	1,066	1,032	143	156	65	71
Private household	152	151	73	67	2	10	3	2
Protective service	124	146	76	75	30	30	6	8
Service, except private household and protective	1,529	1,466	917	890	111	117	56	60
Precision production, craft, and repair	1,146	1,261	755	840	92	90	58	76
Mechanics and repairers	316	383	202	253	28	29	13	17
Construction trades	414	412	280	269	27	28	25	33
Other precision production, craft, and repair	415	467	273	318	37	32	20	25
Operators, fabricators, and laborers	2,113	2,054	1,418	1,403	190	152	63	78
Machine operators, assemblers, and inspectors	1,017	1,088	665	740	101	78	27	37
Transportation and material moving occupations	443	422	290	284	41	33	16	21
Handlers, equipment cleaners, helpers, and laborers	653	544	462	380	48	42	20	20
Construction laborers	127	94	103	65	4	3	2	8
Other handlers, equipment cleaners, helpers, and laborers	527	449	359	315	45	39	18	12
Farming, forestry, and fishing	491	562	420	492	9	11	14	12
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	393	427	355	391	5	5	6	4
Self-employed workers	53	59	47	47	-	1	-	4
Unpaid family workers	1	-	1	-	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	7,937	8,058	4,763	4,957	770	753	446	464
Government	1,074	1,015	662	635	152	150	47	43
Private industries	6,863	7,043	4,101	4,322	619	603	399	421
Private households	181	187	99	92	2	10	3	3
Other industries	6,682	6,856	4,002	4,230	617	593	396	418
Self-employed workers	445	451	218	267	34	23	44	35
Unpaid family workers	10	16	2	9	-	-	2	1
FULL- AND PART-TIME STATUS²								
Full-time schedules	7,164	7,299	4,285	4,549	685	646	409	439
Part time for economic reasons	779	836	558	572	36	56	28	23
Part time for noneconomic reasons	898	876	543	551	89	82	60	46

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 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992
Total, 16 years and over	117,071	118,186	101,164	101,928	11,862	12,012	8,840	9,011
16 to 19 years	5,256	5,208	4,671	4,600	430	434	515	496
16 to 17 years	1,981	1,944	1,820	1,764	107	130	136	133
18 to 19 years	3,275	3,264	2,850	2,836	323	304	378	363
20 to 24 years	12,108	12,103	10,424	10,353	1,263	1,318	1,324	1,261
25 years and over	99,707	100,875	86,069	86,975	10,169	10,280	7,001	7,255
25 to 54 years	85,064	86,153	73,099	74,002	8,916	8,953	6,305	6,591
55 years and over	14,642	14,722	12,970	12,973	1,253	1,307	696	664
Men, 16 years and over	63,494	64,023	55,412	55,861	5,920	5,885	5,286	5,498
16 to 19 years	2,647	2,706	2,353	2,382	232	229	295	287
16 to 17 years	967	992	887	894	63	72	72	74
18 to 19 years	1,680	1,714	1,466	1,487	170	157	223	213
20 to 24 years	6,321	6,351	5,439	5,425	657	688	832	782
25 years and over	54,526	54,965	47,620	48,053	5,031	4,968	4,159	4,429
25 to 54 years	46,256	46,708	40,227	40,717	4,384	4,300	3,752	4,030
55 years and over	8,270	8,257	7,394	7,337	646	668	407	399
Women, 16 years and over	53,577	54,163	45,751	46,067	5,942	6,127	3,554	3,513
16 to 19 years	2,609	2,502	2,318	2,219	198	205	220	208
16 to 17 years	1,014	952	933	870	44	58	64	59
18 to 19 years	1,595	1,549	1,385	1,349	153	147	155	149
20 to 24 years	5,787	5,751	4,985	4,927	606	629	492	479
25 years and over	45,181	45,910	38,449	38,921	5,139	5,292	2,842	2,826
25 to 54 years	38,808	39,445	32,872	33,285	4,532	4,653	2,553	2,561
55 years and over	6,373	6,465	5,576	5,636	607	640	289	265

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 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992
Total, 16 years and over	6.6	6.9	5.9	6.0	12.3	13.6	9.9	11.3
16 to 19 years	18.7	18.8	16.4	15.6	36.2	40.6	22.7	26.9
16 to 17 years	21.7	22.1	19.0	18.9	48.6	46.6	32.5	38.4
18 to 19 years	16.7	16.7	14.7	13.4	30.7	37.6	18.4	21.5
20 to 24 years	10.8	10.5	8.9	8.5	23.0	23.2	11.7	13.9
25 years and over	5.3	5.7	4.8	5.1	9.3	10.4	8.5	9.5
25 to 54 years	5.6	6.0	5.0	5.3	10.0	11.1	8.7	9.6
55 years and over	3.8	4.4	3.7	4.3	4.2	4.8	6.5	8.3
Men, 16 years and over	6.8	7.2	6.2	6.3	12.1	14.3	10.5	10.7
16 to 19 years	20.0	20.1	17.6	16.5	35.3	42.6	23.1	24.8
16 to 17 years	22.5	23.6	19.7	19.9	44.5	46.9	34.1	35.2
18 to 19 years	18.4	17.9	16.2	14.3	31.1	40.4	18.7	20.4
20 to 24 years	11.3	11.3	9.8	9.4	21.5	22.6	12.3	12.7
25 years and over	5.5	5.9	5.1	5.4	9.2	10.9	9.0	9.2
25 to 54 years	5.8	6.1	5.3	5.5	9.8	11.7	9.1	9.2
55 years and over	4.1	4.8	4.0	4.7	4.2	5.6	8.1	9.4
Women, 16 years and over	6.3	6.6	5.4	5.6	12.6	12.9	9.2	12.1
16 to 19 years	17.3	17.4	15.2	14.6	37.2	38.1	22.2	29.5
16 to 17 years	20.8	20.6	18.3	17.9	53.4	46.2	30.6	42.1
18 to 19 years	14.9	15.3	13.0	12.3	30.2	34.2	18.1	22.9
20 to 24 years	10.2	9.7	7.9	7.5	24.6	23.9	10.6	15.7
25 years and over	5.1	5.5	4.4	4.8	9.5	9.9	7.7	9.8
25 to 54 years	5.3	5.7	4.6	5.0	10.2	10.6	8.1	10.2
55 years and over	3.5	3.9	3.3	3.8	4.1	4.0	4.2	6.7

**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 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992
DURATION								
Total, 16 years and over	8,286	8,759	6,296	6,493	1,669	1,884	976	1,145
Less than 5 weeks	3,178	2,974	2,443	2,276	617	586	417	428
5 to 14 weeks	2,655	2,635	2,015	1,938	533	576	331	351
15 weeks and over	2,453	3,150	1,838	2,279	519	722	228	365
15 to 26 weeks	1,217	1,273	896	926	262	271	118	167
27 weeks and over	1,236	1,877	942	1,353	257	451	110	198
Average (mean) duration, in weeks	14.8	18.6	14.7	18.2	15.6	20.0	12.6	16.4
Median duration, in weeks	7.3	8.9	7.1	8.6	8.1	9.6	6.4	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	38.4	34.0	38.8	35.0	37.0	31.1	42.7	37.4
5 to 14 weeks	32.0	30.1	32.0	29.9	31.9	30.5	33.9	30.7
15 weeks and over	29.6	36.0	29.2	35.1	31.1	38.3	23.4	31.9
15 to 26 weeks	14.7	14.5	14.2	14.3	15.7	14.4	12.1	14.6
27 weeks and over	14.9	21.4	15.0	20.8	15.4	23.9	11.3	17.3

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.

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

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin	
	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992
NUMBER OF UNEMPLOYED								
Total, 16 years and over	8,286	8,759	6,296	6,493	1,669	1,884	976	1,145
Job losers	4,572	4,927	3,554	3,772	875	959	588	688
On layoff	1,120	1,097	941	894	155	171	123	117
Other job losers	3,453	3,830	2,613	2,879	720	788	465	571
Job leavers	959	942	791	740	141	164	95	97
Reentrants	2,038	2,105	1,477	1,491	461	531	186	226
New entrants	716	786	474	489	192	231	108	134
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	55.2	56.3	56.5	58.1	52.4	50.9	60.2	60.1
On layoff	13.5	12.5	14.9	13.8	9.3	9.1	12.6	10.2
Other job losers	41.7	43.7	41.5	44.3	43.1	41.8	47.6	49.9
Job leavers	11.6	10.8	12.6	11.4	8.4	8.7	9.7	8.4
Reentrants	24.6	24.0	23.5	23.0	27.6	28.2	19.0	19.7
New entrants	8.6	9.0	7.5	7.5	11.5	12.3	11.1	11.7
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	3.6	3.9	3.3	3.5	6.5	6.9	6.0	6.8
Job leavers .....	.8	.7	.7	.7	1.0	1.2	1.0	1.0
Reentrants	1.6	1.7	1.4	1.4	3.4	3.8	1.9	2.2
New entrants .....	.6	.6	.4	.5	1.4	1.7	1.1	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.

**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							
			Total		Employed		Unemployed			
	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	Number		Percent of labor force	
							IV 1991	IV 1992	IV 1991	IV 1992
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,817	7,883	7,052	7,037	6,714	6,652	339	385	4.8	5.5
35 to 49 years	6,407	6,150	5,999	5,724	5,700	5,399	299	324	5.0	5.7
35 to 39 years	1,072	857	989	781	921	721	68	61	6.9	7.8
40 to 44 years	2,955	2,521	2,772	2,329	2,626	2,181	146	148	5.3	6.4
45 to 49 years	2,380	2,771	2,238	2,613	2,153	2,498	84	115	3.8	4.4
50 years and over	1,410	1,733	1,053	1,314	1,013	1,252	40	61	3.8	4.7
NONVETERANS										
Total, 35 to 49 years	18,794	19,803	17,549	18,478	16,648	17,475	900	1,003	5.1	5.4
35 to 39 years	8,560	8,859	8,077	8,349	7,628	7,846	448	503	5.5	6.0
40 to 44 years	5,933	6,446	5,541	6,032	5,280	5,738	260	293	4.7	4.9
45 to 49 years	4,300	4,499	3,932	4,097	3,740	3,890	192	207	4.9	5.1

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

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

(Numbers in thousands)

Employment status and age	Veterans						Nonveterans					
	White		Black		Hispanic origin		White		Black		Hispanic origin	
	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992
Total, 35 to 49 years												
Civilian noninstitutional population	5,694	5,501	606	533	266	252	16,063	16,900	1,897	2,017	1,713	1,878
Civilian labor force	5,381	5,165	523	457	246	223	15,138	15,963	1,654	1,707	1,557	1,747
Employed	5,127	4,899	484	410	239	207	14,405	15,184	1,522	1,532	1,411	1,604
Unemployed	254	266	39	47	7	15	733	779	132	174	146	143
Unemployment rate	4.7	5.2	7.5	10.3	2.8	6.9	4.8	4.9	8.0	10.2	9.4	8.2
35 to 39 years												
Civilian noninstitutional population	899	721	153	110	42	39	7,386	7,633	833	890	773	817
Civilian labor force	844	660	127	97	40	35	7,027	7,269	742	768	710	776
Employed	789	610	115	89	38	28	6,659	6,890	674	665	645	716
Unemployed	55	50	12	7	1	7	367	380	68	103	65	60
Unemployment rate	6.5	7.6	9.5	7.7	(¹)	(¹)	5.2	5.2	9.1	13.4	9.2	7.8
40 to 44 years												
Civilian noninstitutional population	2,643	2,255	269	221	151	113	5,077	5,466	588	666	576	649
Civilian labor force	2,498	2,107	237	186	135	97	4,774	5,186	517	558	515	589
Employed	2,374	1,986	217	162	130	93	4,567	4,954	480	517	464	540
Unemployed	124	121	20	25	5	4	208	232	36	41	50	49
Unemployment rate	5.0	5.7	8.5	13.2	3.5	4.2	4.4	4.5	7.0	7.3	9.8	8.3
45 to 49 years												
Civilian noninstitutional population	2,152	2,525	184	202	73	100	3,600	3,802	476	462	364	412
Civilian labor force	2,039	2,398	160	174	71	91	3,337	3,508	395	381	332	382
Employed	1,964	2,303	153	159	70	86	3,179	3,341	368	350	302	348
Unemployed	75	95	7	15	1	4	158	167	28	31	30	34
Unemployment rate	3.7	4.0	4.3	8.6	1.2	4.7	4.7	4.8	7.0	8.1	9.0	8.9

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Type of family, race, and Hispanic origin	IV 1991					IV 1992				
	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	66,302	5,932	29.4	70.8	62.7	66,985	6,215	30.8	69.2	60.8
With children under 18 years of age	32,176	3,316	34.7	65.3	58.1	32,411	3,439	34.6	65.4	57.7
Married-couple families	51,595	4,069	18.8	81.2	72.8	52,059	4,245	19.8	80.2	71.8
With children under 18 years of age	23,850	2,315	19.7	80.3	71.7	23,849	2,397	18.9	81.1	72.6
Families maintained by women	11,699	1,461	54.6	45.4	38.1	11,733	1,551	58.2	43.8	35.7
With children under 18 years of age	7,072	840	69.4	30.8	26.0	7,160	890	71.3	28.7	22.2
Families maintained by men	3,009	402	45.3	54.7	48.8	3,193	419	47.3	52.7	42.7
With children under 18 years of age	1,254	161	69.6	30.4	29.2	1,402	152	65.1	34.9	28.9
White										
Total families	56,599	4,543	26.3	73.7	65.5	57,039	4,636	28.0	72.0	63.6
With children under 18 years of age	26,595	2,506	30.0	70.0	62.1	28,737	2,541	30.0	70.0	61.9
Married-couple families	48,380	3,428	19.2	80.8	72.3	46,763	3,522	20.0	80.0	71.5
With children under 18 years of age	21,054	1,938	19.7	80.3	71.4	21,035	1,974	18.9	81.1	72.4
Families maintained by women	7,863	810	49.5	50.5	42.6	7,807	827	55.4	44.6	36.6
With children under 18 years of age	4,564	442	64.0	36.0	30.8	4,600	469	69.2	30.8	23.7
Families maintained by men	2,356	307	44.6	55.4	50.2	2,469	288	46.5	53.5	44.4
With children under 18 years of age	978	126	69.0	31.0	30.2	1,103	98	65.3	34.7	31.6
Black										
Total families	7,507	1,158	41.0	59.0	52.4	7,658	1,293	42.7	57.3	48.3
With children under 18 years of age	4,321	681	50.8	49.2	44.2	4,379	734	51.9	48.1	41.0
Married-couple families	3,521	493	14.4	85.6	78.5	3,523	511	20.2	79.8	71.2
With children under 18 years of age	1,796	286	16.4	83.6	76.9	1,774	300	19.7	80.3	72.0
Families maintained by women	3,461	585	62.4	37.6	32.0	3,564	676	58.2	41.8	33.3
With children under 18 years of age	2,298	385	75.9	24.1	20.3	2,351	389	74.8	25.2	19.3
Families maintained by men	526	81	48.7	51.2	41.2	572	106	51.9	48.1	34.0
With children under 18 years of age	226	30	(¹)	(¹)	(¹)	255	46	(¹)	(¹)	(¹)
Hispanic origin										
Total families	5,064	734	29.1	70.9	65.7	5,239	817	35.1	64.9	59.0
With children under 18 years of age	3,237	482	34.9	65.1	60.8	3,338	548	38.6	61.4	55.9
Married-couple families	3,367	510	24.1	75.9	70.8	3,549	555	25.6	74.4	69.4
With children under 18 years of age	2,202	365	26.1	73.9	69.0	2,296	393	26.2	73.8	68.7
Families maintained by women	1,273	145	45.5	54.5	49.7	1,249	186	64.0	36.0	28.5
With children under 18 years of age	857	90	64.4	35.6	32.2	879	130	73.8	26.2	19.2
Families maintained by men	424	80	31.3	68.8	62.5	441	76	34.2	65.8	57.9
With children under 18 years of age	177	28	(¹)	(¹)	(¹)	163	25	(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 1991				IV 1992			
	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	6,566	31.0	69.0	61.0	6,964	32.1	67.9	59.5
Husbands	1,640	33.3	66.7	53.8	1,780	34.2	65.8	53.1
With children under 18 years of age	990	39.0	61.0	46.3	1,071	37.1	62.9	49.9
Wives	1,315	17.1	82.9	76.7	1,402	15.6	84.4	79.4
With children under 18 years of age	815	16.0	84.0	78.2	879	14.2	85.8	81.1
Relatives in married-couple families	1,549	10.8	89.2	83.3	1,574	13.2	86.8	80.4
Women who maintain families	651	85.3	14.7	10.8	714	86.1	13.9	8.5
With children under 18 years of age	549	93.3	6.7	4.2	587	92.7	7.3	3.0
Relatives in families maintained by women	975	34.5	65.5	55.7	1,035	35.2	64.8	54.8
Men who maintain families	207	65.9	34.1	27.3	211	69.4	30.6	24.1
With children under 18 years of age	117	90.9	9.1	7.3	105	88.9	11.1	6.5
Relatives in families maintained by men	229	28.7	71.3	66.4	249	30.7	69.3	57.3
White								
Total unemployed in families ¹	4,967	28.0	72.0	63.9	5,089	29.6	70.4	62.0
Husbands	1,413	34.1	65.9	52.5	1,498	34.8	65.2	51.8
With children under 18 years of age	840	39.7	60.3	44.9	866	38.0	62.0	48.2
Wives	1,114	16.9	83.1	77.0	1,169	15.1	84.9	80.0
With children under 18 years of age	682	15.0	85.0	79.3	732	13.8	86.2	81.4
Relatives in married-couple families	1,222	10.6	89.4	84.0	1,210	13.0	87.0	81.1
Women who maintain families	343	79.7	20.3	15.1	376	83.6	16.4	9.8
With children under 18 years of age	274	90.4	9.6	6.2	309	91.2	8.8	3.5
Relatives in families maintained by women	544	31.4	68.6	59.9	516	35.4	64.6	55.4
Men who maintain families	163	65.5	34.5	28.5	146	69.3	30.7	23.4
With children under 18 years of age	92	90.5	9.5	7.8	69	89.5	10.5	6.0
Relatives in families maintained by men	168	23.2	76.8	72.4	174	30.7	69.3	59.6
Black								
Total unemployed in families ¹	1,335	41.5	58.5	51.6	1,543	42.2	57.8	49.4
Husbands	160	24.8	75.2	65.7	204	33.0	67.0	57.8
With children under 18 years of age	106	30.7	69.3	58.4	146	34.5	65.5	55.7
Wives	161	17.1	82.9	77.7	164	16.9	83.1	77.1
With children under 18 years of age	107	20.0	80.0	74.8	108	14.6	85.4	81.9
Relatives in married-couple families	261	10.0	90.0	82.5	265	14.7	85.3	78.2
Women who maintain families	279	93.1	6.9	5.4	320	90.2	9.8	5.7
With children under 18 years of age	250	97.4	2.6	1.5	265	94.8	5.2	2.1
Relatives in families maintained by women	389	39.7	60.3	50.7	479	35.3	64.7	53.4
Men who maintain families	38	(²)	(²)	(²)	55	(²)	(²)	(²)
With children under 18 years of age	22	(²)	(²)	(²)	33	(²)	(²)	(²)
Relatives in families maintained by men	48	(²)	(²)	(²)	55	(²)	(²)	(²)
Hispanic origin								
Total unemployed in families ¹	808	30.5	69.5	64.1	950	37.1	62.9	57.8
Husbands	228	43.0	57.0	48.9	247	47.5	52.5	45.7
With children under 18 years of age	172	48.4	51.6	42.1	185	48.7	51.3	43.9
Wives	145	20.8	79.2	74.4	181	20.6	79.4	77.3
With children under 18 years of age	106	20.3	79.7	75.5	126	24.0	76.0	74.1
Relatives in married-couple families	183	9.3	90.7	87.3	233	15.5	84.5	81.3
Women who maintain families	63	75.2	24.8	23.2	95	86.5	13.5	7.8
With children under 18 years of age	53	(²)	(²)	(²)	85	88.6	11.4	6.2
Relatives in families maintained by women	98	27.0	73.0	67.0	107	44.0	56.0	47.5
Men who maintain families	40	(²)	(²)	(²)	37	(²)	(²)	(²)
With children under 18 years of age	18	(²)	(²)	(²)	14	(²)	(²)	(²)
Relatives in families maintained by men	51	(²)	(²)	(²)	50	(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 1991				IV 1992			
	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	93,263	22.9	77.1	66.4	94,018	23.0	77.0	66.3
Husbands	38,280	27.7	72.3	54.5	38,463	27.4	72.6	55.0
With children under 18 years of age	21,728	29.8	70.2	49.2	21,648	29.5	70.5	49.8
Wives	29,242	10.0	90.0	85.8	29,731	10.3	89.7	85.2
With children under 18 years of age	15,515	6.0	94.0	90.9	15,845	6.4	93.6	90.2
Relatives in married-couple families	10,906	7.4	92.8	88.5	10,794	7.4	92.8	88.2
Women who maintain families	6,553	65.1	34.9	23.0	6,643	66.0	34.0	21.8
With children under 18 years of age	4,235	82.2	17.8	8.0	4,345	82.3	17.7	7.8
Relatives in families maintained by women	4,689	25.3	74.7	65.8	4,587	24.7	75.3	66.7
Men who maintain families	2,075	58.7	41.3	31.3	2,236	60.5	39.5	30.1
With children under 18 years of age	1,005	65.3	14.7	7.8	1,148	85.1	14.9	8.9
Relatives in families maintained by men	1,518	20.0	60.0	72.6	1,564	21.1	78.9	73.0
White								
Total employed in families ¹	80,999	22.0	78.0	66.8	81,452	22.0	78.0	66.9
Husbands	34,455	28.0	72.0	53.5	34,622	27.6	72.4	54.2
With children under 18 years of age	19,330	30.4	69.6	47.6	19,296	30.0	70.0	48.3
Wives	26,106	9.7	90.3	88.0	26,497	9.8	90.2	85.7
With children under 18 years of age	13,632	5.5	94.5	91.5	13,750	5.7	94.3	91.2
Relatives in married-couple families	9,550	7.2	92.8	88.8	9,396	7.3	92.7	88.4
Women who maintain families	4,639	62.9	37.1	24.1	4,613	63.1	36.9	23.5
With children under 18 years of age	2,961	90.8	19.2	7.9	2,982	81.0	19.0	7.6
Relatives in families maintained by women	3,422	25.4	74.6	65.8	3,356	24.3	75.7	66.8
Men who maintain families	1,635	58.1	41.9	31.2	1,777	60.9	39.1	29.0
With children under 18 years of age	784	85.6	14.4	6.5	937	84.5	15.5	8.6
Relatives in families maintained by men	1,193	19.8	80.2	73.0	1,190	20.9	79.1	73.1
Black								
Total employed in families ¹	8,900	30.8	69.2	61.3	6,987	32.4	67.6	59.7
Husbands	2,511	22.0	78.0	67.2	2,474	22.5	77.5	66.4
With children under 18 years of age	1,549	20.1	79.9	88.0	1,474	20.6	79.4	87.7
Wives	2,100	14.6	85.4	80.8	2,149	15.5	84.5	79.7
With children under 18 years of age	1,263	9.6	90.2	85.3	1,244	12.4	87.6	82.6
Relatives in married-couple families	881	10.8	89.2	85.2	879	10.2	89.8	84.4
Women who maintain families	1,710	71.6	28.4	19.8	1,818	74.2	25.8	16.6
With children under 18 years of age	1,188	85.4	14.6	8.2	1,247	85.5	14.5	7.7
Relatives in families maintained by women	1,122	25.3	74.7	65.5	1,077	27.1	72.9	65.6
Men who maintain families	343	63.4	36.6	29.4	345	65.7	34.3	27.8
With children under 18 years of age	179	84.1	15.9	13.5	178	88.6	11.2	8.5
Relatives in families maintained by men	233	25.1	74.9	67.1	244	27.4	72.6	85.4
Hispanic origin								
Total employed in families ¹	7,064	25.3	74.7	68.0	7,188	27.1	72.9	64.2
Husbands	2,593	34.2	65.8	52.6	2,769	36.3	63.7	50.6
With children under 18 years of age	1,873	37.3	62.7	48.6	1,970	39.0	61.0	48.0
Wives	1,655	10.6	89.4	84.4	1,726	11.1	88.9	82.8
With children under 18 years of age	1,093	9.2	90.8	86.5	1,184	9.0	91.0	85.6
Relatives in married-couple families	1,095	6.7	93.3	89.2	1,064	6.9	93.1	88.9
Women who maintain families	602	59.8	40.2	30.6	580	66.3	33.7	25.7
With children under 18 years of age	394	75.0	25.0	17.4	405	79.0	21.0	14.0
Relatives in families maintained by women	541	19.3	80.7	74.5	425	23.4	76.6	71.1
Men who maintain families	303	51.1	48.9	40.5	326	50.0	50.0	40.3
With children under 18 years of age	127	77.1	22.9	14.8	134	79.0	21.0	13.7
Relatives in families maintained by men	275	11.5	88.5	77.8	299	10.4	89.6	84.7

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 1991	IV 1992	IV 1991	IV 1992
TOTAL				
Total families with earners ¹	43,975	44,398	\$676	\$690
Married-couple families	34,255	34,384	763	783
One earner	12,251	12,087	465	462
Husband	8,652	8,545	557	536
Wife	2,793	2,788	284	295
Other family member	806	754	282	279
Two or more earners	22,004	22,296	917	939
Husband and wife	19,707	19,956	940	964
Husband and other family member(s)	1,563	1,549	816	806
Wife and other family member(s)	584	651	582	581
Other family members only	150	140	524	548
Families maintained by women	7,544	7,660	382	385
One earner	5,153	5,345	303	301
Householder	4,082	4,280	314	311
Other family member	1,070	1,065	272	266
Two or more earners	2,391	2,315	610	622
Families maintained by men	2,176	2,354	507	520
One earner	1,371	1,532	388	433
Two or more earners	805	822	711	741
White				
Total families with earners ¹	37,366	37,545	705	718
Married-couple families	30,308	30,340	777	795
One earner	10,864	10,707	481	474
Husband	7,825	7,718	575	556
Wife	2,368	2,344	284	295
Two or more earners	19,444	19,633	930	954
Husband and wife	17,458	17,618	952	978
Families maintained by women	5,339	5,335	400	405
Families maintained by men	1,718	1,870	519	537
Black				
Total families with earners ¹	5,115	5,239	482	489
Married-couple families	2,755	2,751	633	653
One earner	892	887	311	317
Husband	455	470	378	400
Wife	340	340	287	280
Two or more earners	1,862	1,864	790	791
Husband and wife	1,651	1,657	816	814
Families maintained by women	1,993	2,119	327	334
Families maintained by men	367	369	380	409
Hispanic origin				
Total families with earners ¹	3,655	3,831	479	474
Married-couple families	2,550	2,736	526	515
One earner	1,055	1,197	310	318
Husband	797	950	323	342
Wife	183	167	258	260
Two or more earners	1,495	1,539	722	731
Husband and wife	1,147	1,191	755	779
Families maintained by women	754	721	361	318
Families maintained by men	351	374	426	506

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 1991	IV 1992	IV 1991	IV 1992
Married-couple families ¹	3,052	3,058	\$491	\$493
Husband unemployed	1,095	1,089	340	337
Wife only earner	811	841	314	317
Wife and other earner(s)	192	164	515	591
Other earner(s) only	92	85	(²)	(²)
Wife unemployed	806	913	456	460
Husband only earner	806	913	456	460
Husband and other earner(s)	140	150	738	811
Other earner(s) only	30	17	(²)	(²)
Other member(s) unemployed	981	889	728	815
Husband or wife earner	404	349	555	553
Both husband and wife earners	552	516	873	992
Other combinations of earners	24	23	(²)	(²)
Families maintained by women ¹	603	650	359	330
Householder unemployed	98	101	(²)	149
Other member(s) unemployed	504	548	384	371
Families maintained by men ¹	199	193	331	478

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 1991	IV 1992	IV 1991	IV 1992
SEX AND AGE				
Total, 16 years and over	82,904	83,931	\$436	\$450
Men, 16 years and over	47,508	47,858	503	508
16 to 24 years	5,150	5,219	289	284
25 years and over	42,359	42,639	534	540
Women, 16 years and over	35,395	36,073	373	386
16 to 24 years	4,078	4,038	274	275
25 years and over	31,317	32,036	389	402
FAMILY RELATIONSHIP				
Husbands	31,132	31,056	574	574
Wives	18,935	19,417	383	398
Women who maintain families	5,056	5,190	367	374
Men who maintain families	1,660	1,860	422	461
Other persons in families:				
Men	5,666	5,654	301	304
Women	3,823	3,755	293	299
All other men ¹	9,051	9,288	449	470
All other women ¹	7,581	7,712	398	407
RACE, HISPANIC ORIGIN, AND SEX				
White	70,714	71,423	455	468
Men	41,128	41,331	517	522
Women	29,586	30,092	379	392
Black	9,416	9,513	352	358
Men	4,818	4,812	375	379
Women	4,598	4,701	327	338
Hispanic origin	6,832	7,096	310	324
Men	4,310	4,561	320	336
Women	2,522	2,535	290	307

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 1991	IV 1992	IV 1991	IV 1992
SEX AND AGE				
Total, 16 years and over	20,005	20,267	\$126	\$130
Men, 16 years and over	6,328	6,451	120	119
16 to 24 years	3,482	3,535	102	103
25 years and over	2,846	2,916	157	152
Women, 16 years and over	13,678	13,816	130	137
16 to 24 years	4,134	4,063	95	99
25 years and over	9,544	9,752	153	159
FAMILY RELATIONSHIP				
Husbands	1,664	1,714	157	151
Wives	7,078	7,111	158	166
Women who maintain families	1,159	1,191	141	145
Men who maintain families	140	117	146	163
Other persons in families:				
Men	3,315	3,381	101	103
Women	3,501	3,449	93	95
All other men ¹	1,209	1,239	156	140
All other women ¹	1,940	2,065	126	133
RACE, HISPANIC ORIGIN, AND SEX				
White	17,400	17,624	127	131
Men	5,320	5,503	119	119
Women	12,080	12,121	131	138
Black	1,891	1,936	122	124
Men	716	688	117	115
Women	1,175	1,248	125	130
Hispanic origin	1,408	1,311	132	133
Men	587	551	133	136
Women	820	760	132	131

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 1991	IV 1992	IV 1991	IV 1992
TOTAL				
Managerial and professional specialty	23,355	23,588	\$646	\$658
Executive, administrative, and managerial	11,328	11,394	641	645
Professional specialty	12,027	12,194	650	668
Technical, sales, and administrative support	24,655	25,617	398	411
Technicians and related support	3,054	3,526	518	512
Sales occupations	7,591	7,898	428	438
Administrative support, including clerical	14,010	14,193	366	385
Service occupations	8,589	8,733	283	283
Private household	283	324	166	184
Protective service	1,678	1,671	503	509
Service, except private household and protective	6,628	6,738	262	262
Precision production, craft, and repair	10,455	10,518	489	491
Mechanics and repairers	3,700	3,737	500	496
Construction trades	3,118	3,222	483	489
Other precision production, craft, and repair	3,637	3,559	483	487
Operators, fabricators, and laborers	14,523	14,121	347	357
Machine operators, assemblers, and inspectors	6,967	6,709	334	338
Transportation and material moving occupations	4,098	3,918	418	419
Handlers, equipment cleaners, helpers, and laborers	3,459	3,494	300	313
Farming, forestry, and fishing	1,326	1,354	267	267
Men				
Managerial and professional specialty	12,305	12,200	763	779
Executive, administrative, and managerial	6,397	6,334	768	783
Professional specialty	5,908	5,866	759	776
Technical, sales, and administrative support	9,264	9,812	521	523
Technicians and related support	1,721	1,924	597	610
Sales occupations	4,459	4,747	549	530
Administrative support, including clerical	3,084	3,141	472	486
Service occupations	4,281	4,250	330	335
Private household	13	4	(¹)	(¹)
Protective service	1,469	1,482	515	519
Service, except private household and protective	2,798	2,765	283	283
Precision production, craft, and repair	9,553	9,661	501	504
Mechanics and repairers	3,580	3,635	500	494
Construction trades	3,096	3,197	483	491
Other precision production, craft, and repair	2,877	2,829	518	534
Operators, fabricators, and laborers	10,920	10,732	385	393
Machine operators, assemblers, and inspectors	4,219	4,126	395	408
Transportation and material moving occupations	3,835	3,685	424	425
Handlers, equipment cleaners, helpers, and laborers	2,866	2,921	310	319
Farming, forestry, and fishing	1,185	1,203	273	272
Women				
Managerial and professional specialty	11,050	11,388	549	573
Executive, administrative, and managerial	4,930	5,060	522	518
Professional specialty	6,119	6,328	570	600
Technical, sales, and administrative support	15,391	15,805	352	370
Technicians and related support	1,333	1,602	462	423
Sales occupations	3,132	3,151	306	314
Administrative support, including clerical	10,926	11,052	350	369
Service occupations	4,308	4,483	246	245
Private household	270	321	162	184
Protective service	209	190	452	412
Service, except private household and protective	3,829	3,973	247	247
Precision production, craft, and repair	902	857	347	347
Mechanics and repairers	120	102	514	585
Construction trades	22	25	(¹)	(¹)
Other precision production, craft, and repair	760	730	328	327
Operators, fabricators, and laborers	3,604	3,389	273	282
Machine operators, assemblers, and inspectors	2,748	2,583	270	278
Transportation and material moving occupations	263	233	324	314
Handlers, equipment cleaners, helpers, and laborers	593	573	262	283
Farming, forestry, and fishing	141	151	217	222

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

NOTE: Data for 1992 are not fully comparable with data for prior

years because of the introduction of the occupational classification system used in the 1990 Census.

**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 1991	IV 1992	Total		Central cities		Suburbs	
			IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992
TOTAL								
Civilian noninstitutional population	190,449	192,319	148,121	149,582	58,151	57,774	89,970	91,807
Civilian labor force	125,357	126,945	98,915	99,783	37,474	37,320	61,441	62,443
Percent of population	65.8	66.0	66.8	66.7	64.4	64.8	68.3	68.0
Employed	117,071	118,166	92,327	92,728	34,424	34,202	57,903	58,524
Unemployed	8,286	8,759	6,589	7,037	3,050	3,116	3,539	3,919
Unemployment rate	6.6	6.9	6.7	7.1	6.1	6.4	5.8	6.3
Not in labor force	65,091	65,374	49,205	49,816	20,677	20,454	28,529	29,364
Men, 20 years and over								
Civilian noninstitutional population	84,254	85,282	65,422	66,213	25,318	25,096	40,104	41,117
Civilian labor force	64,849	65,585	51,039	51,486	19,192	19,032	31,848	32,454
Percent of population	77.0	76.9	78.0	77.6	75.8	75.6	79.4	78.9
Employed	60,848	61,318	47,861	48,050	17,727	17,495	30,133	30,555
Unemployed	4,001	4,269	3,179	3,436	1,465	1,537	1,714	1,899
Unemployment rate	6.2	6.5	6.2	6.7	7.6	8.1	5.4	5.9
Not in labor force	19,406	19,677	14,382	14,727	6,128	6,064	6,256	6,663
Women, 20 years and over								
Civilian noninstitutional population	92,955	93,860	72,533	73,314	26,774	26,799	43,760	44,516
Civilian labor force	54,046	54,947	42,879	43,417	16,476	16,522	26,403	26,895
Percent of population	58.1	58.5	59.1	59.2	57.3	57.4	60.3	60.4
Employed	50,968	51,662	40,425	40,759	15,323	15,338	25,103	25,421
Unemployed	3,078	3,285	2,454	2,659	1,154	1,184	1,300	1,475
Unemployment rate	5.7	6.0	5.7	6.1	7.0	7.2	4.9	5.5
Not in labor force	38,909	38,913	29,654	29,897	12,298	12,277	17,357	17,820
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,239	13,196	10,166	10,054	4,059	3,979	6,107	6,175
Civilian labor force	6,462	6,413	4,997	4,860	1,806	1,766	3,191	3,094
Percent of population	48.8	48.8	49.2	48.3	44.5	45.5	52.3	50.1
Employed	5,258	5,208	4,040	3,916	1,374	1,370	2,666	2,548
Unemployed	1,208	1,205	957	942	432	397	525	545
Unemployment rate	18.7	18.6	19.1	19.4	23.9	22.5	16.4	17.8
Not in labor force	6,777	6,783	5,169	5,194	2,253	2,113	2,916	3,081
White								
Civilian noninstitutional population	161,947	163,135	124,108	124,759	42,998	42,404	81,110	82,355
Civilian labor force	107,460	108,421	83,626	83,655	26,267	27,917	55,341	55,938
Percent of population	66.4	66.5	67.4	67.2	65.8	65.8	68.2	67.9
Employed	101,164	101,926	78,748	78,772	26,387	26,061	52,381	52,712
Unemployed	6,296	6,493	4,880	5,082	1,901	1,858	2,979	3,226
Unemployment rate	5.9	6.0	5.8	6.1	6.7	6.6	5.4	5.8
Not in labor force	54,488	54,714	40,480	40,905	14,711	14,487	25,770	26,417
Black								
Civilian noninstitutional population	21,744	22,096	18,059	18,521	12,183	12,287	5,876	6,233
Civilian labor force	13,530	13,896	11,401	11,787	7,332	7,415	4,069	4,352
Percent of population	62.2	62.9	63.1	63.5	60.2	60.3	69.3	69.6
Employed	11,662	12,012	9,954	10,149	6,316	6,303	3,638	3,845
Unemployed	1,869	1,884	1,447	1,618	1,016	1,111	432	507
Unemployment rate	12.3	13.6	12.7	13.8	13.9	15.0	10.6	11.7
Not in labor force	8,214	8,200	6,658	6,754	4,851	4,873	1,806	1,881
Hispanic origin								
Civilian noninstitutional population	14,948	15,421	13,985	14,271	7,890	7,795	6,075	6,476
Civilian labor force	9,816	10,158	9,211	9,431	4,992	4,971	4,219	4,460
Percent of population	65.7	65.9	66.0	66.1	63.3	63.8	69.5	68.9
Employed	8,840	9,011	8,283	8,383	4,478	4,396	3,607	3,968
Unemployed	976	1,145	929	1,047	516	575	413	472
Unemployment rate	9.9	11.3	10.1	11.1	10.3	11.6	9.8	10.6
Not in labor force	5,132	5,263	4,754	4,840	2,898	2,824	1,856	2,016

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, sex, age, race, and Hispanic origin	Nonmetropolitan areas						Urban areas		Rural areas	
	Total		Farm		Nonfarm		IV 1991	IV 1992	IV 1991	IV 1992
	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992				
TOTAL										
Civilian noninstitutional population	42,328	42,737	2,682	2,658	39,648	40,082	138,446	139,458	52,003	52,861
Civilian labor force	28,442	27,181	1,894	1,874	24,548	25,308	91,413	92,222	33,944	34,723
Percent of population	62.5	63.8	70.6	70.6	61.9	63.1	66.0	66.1	65.3	65.7
Employed	24,745	25,460	1,860	1,842	22,885	23,817	85,101	85,470	31,970	32,716
Unemployed	1,697	1,722	34	31	1,663	1,890	8,312	8,751	1,974	2,007
Unemployment rate	6.4	8.3	1.8	1.7	8.8	8.7	8.9	7.3	5.8	5.8
Not in labor force	15,886	15,556	788	782	15,098	14,774	47,033	47,236	18,058	18,138
Men, 20 years and over										
Civilian noninstitutional population	16,833	19,050	1,315	1,315	17,518	17,734	60,487	61,058	23,767	24,204
Civilian labor force	13,809	14,099	1,106	1,105	12,703	12,994	46,731	47,116	18,118	18,469
Percent of population	73.3	74.0	84.1	84.0	72.5	73.3	77.3	77.2	76.2	76.3
Employed	12,987	13,267	1,093	1,094	11,894	12,173	43,707	43,837	17,141	17,479
Unemployed	823	832	13	11	809	821	3,024	3,279	977	990
Unemployment rate	6.0	5.9	1.2	1.0	6.4	6.3	6.5	7.0	5.4	5.4
Not in labor force	5,023	4,950	209	210	4,815	4,740	13,756	13,942	5,649	5,735
Women, 20 years and over										
Civilian noninstitutional population	20,422	20,546	1,171	1,154	19,250	19,392	68,444	69,006	24,511	24,854
Civilian labor force	11,167	11,529	683	670	10,484	10,859	40,048	40,580	13,998	14,386
Percent of population	54.7	56.1	58.4	58.1	54.5	56.0	58.5	58.8	57.1	57.9
Employed	10,542	10,903	670	652	9,872	10,251	37,671	38,003	13,297	13,658
Unemployed	625	626	13	18	612	608	2,378	2,577	701	728
Unemployment rate	5.8	5.4	1.9	2.7	5.8	5.8	5.9	6.3	5.0	5.1
Not in labor force	9,254	9,016	488	483	8,767	8,533	28,396	28,446	10,513	10,468
Both sexes, 16 to 19 years										
Civilian noninstitutional population	3,074	3,142	196	187	2,878	2,955	9,514	9,394	3,725	3,803
Civilian labor force	1,465	1,553	104	98	1,361	1,455	4,633	4,545	1,829	1,868
Percent of population	47.7	49.4	53.4	52.5	47.3	49.2	48.7	48.4	49.1	49.1
Employed	1,216	1,290	96	96	1,120	1,194	3,724	3,630	1,532	1,578
Unemployed	249	263	8	2	241	261	910	916	297	289
Unemployment rate	17.0	16.9	7.8	2.2	17.7	17.9	19.8	20.1	16.2	15.5
Not in labor force	1,608	1,589	91	89	1,517	1,500	4,881	4,848	1,896	1,935
White										
Civilian noninstitutional population	37,839	38,375	2,646	2,614	35,192	35,761	113,901	114,246	48,046	48,889
Civilian labor force	23,832	24,566	1,873	1,846	21,959	22,720	75,904	76,156	31,555	32,265
Percent of population	63.0	64.0	70.8	70.6	62.4	63.5	66.6	66.7	65.7	66.0
Employed	22,416	23,158	1,840	1,818	20,576	21,337	71,371	71,423	29,793	30,505
Unemployed	1,418	1,411	33	28	1,383	1,383	4,533	4,733	1,763	1,760
Unemployment rate	5.9	5.7	1.8	1.5	6.3	6.1	6.0	6.2	5.6	5.5
Not in labor force	14,007	13,809	774	768	13,234	13,041	37,997	38,090	16,491	16,624
Black										
Civilian noninstitutional population	3,685	3,575	24	30	3,661	3,546	18,634	19,038	3,110	3,058
Civilian labor force	2,129	2,129	15	20	2,114	2,109	11,657	12,010	1,873	1,886
Percent of population	57.8	59.6	(¹)	(¹)	57.7	59.5	62.6	63.1	60.2	61.7
Employed	1,908	1,883	14	18	1,894	1,846	10,158	10,322	1,706	1,690
Unemployed	221	266	1	2	220	264	1,501	1,888	167	196
Unemployment rate	10.4	12.5	(¹)	(¹)	10.4	12.5	12.9	14.1	8.9	10.4
Not in labor force	1,556	1,446	9	10	1,547	1,436	6,977	7,028	1,237	1,172
Hispanic origin										
Civilian noninstitutional population	982	1,150	21	25	962	1,125	13,723	14,031	1,225	1,390
Civilian labor force	605	725	16	20	589	705	9,028	9,223	788	933
Percent of population	61.6	63.0	(¹)	(¹)	61.3	62.6	65.8	65.7	64.3	67.1
Employed	557	628	15	19	542	608	8,129	8,174	711	837
Unemployed	48	97	1	1	47	98	900	1,049	76	95
Unemployment rate	7.9	13.4	(¹)	(¹)	8.0	13.7	10.0	11.4	9.7	10.2
Not in labor force	378	425	5	5	373	420	4,695	4,808	437	457

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Employment status, race, and Hispanic origin	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992	IV 1991	IV 1992
TOTAL												
Civilian noninstitutional population	27,002	26,637	163,447	165,682	17,163	16,963	130,957	132,619	9,839	9,674	32,489	33,064
Civilian labor force	15,280	15,221	110,078	111,723	9,621	9,481	89,295	90,282	5,659	5,740	20,783	21,441
Percent of population	56.6	57.1	67.3	67.4	56.1	55.9	68.2	68.1	57.5	59.3	64.0	64.8
Employed	13,711	13,480	103,360	104,706	8,460	8,197	83,867	84,529	5,251	5,282	19,494	20,177
Unemployed	1,568	1,742	6,718	7,017	1,161	1,284	5,428	5,753	407	458	1,290	1,264
Unemployment rate	10.3	11.4	6.1	6.3	12.1	13.5	6.1	6.4	7.2	8.0	6.2	5.9
Men, 20 years and over	9.4	10.5	5.7	6.0	11.3	12.6	5.7	6.1	6.3	7.3	5.9	5.5
Women, 20 years and over	9.3	10.4	5.2	5.4	10.5	12.2	5.2	5.5	7.1	7.3	5.2	4.9
Both sexes, 16 to 19 years	27.0	27.6	17.5	17.4	31.1	32.4	17.7	17.7	18.5	19.4	16.7	16.3
Men	27.7	28.5	18.8	18.7	33.1	31.6	18.8	19.3	18.5	23.7	18.7	16.6
Women	26.1	26.4	16.1	16.0	29.0	33.4	16.6	16.1	18.5	13.8	14.6	15.9
Not in labor force	11,722	11,415	53,369	53,959	7,543	7,482	41,663	42,336	4,180	3,933	11,706	11,622
White												
Civilian noninstitutional population	16,485	16,253	145,463	146,882	9,195	8,983	114,914	115,776	7,290	7,269	30,549	31,106
Civilian labor force	9,596	9,604	97,864	98,817	5,329	5,217	78,299	78,638	4,267	4,387	19,565	20,179
Percent of population	58.2	59.1	67.3	67.3	56.0	58.1	68.1	67.9	58.5	60.3	64.0	64.9
Employed	8,850	8,788	92,314	93,139	4,837	4,687	73,911	74,086	4,013	4,102	18,402	19,054
Unemployed	746	815	5,550	5,678	492	530	4,388	4,552	254	285	1,162	1,126
Unemployment rate	7.8	8.5	5.7	5.7	9.2	10.2	5.6	5.8	5.9	6.5	5.9	5.6
Men, 20 years and over	7.6	8.2	5.4	5.5	9.4	9.8	5.4	5.6	5.4	6.3	5.7	5.2
Women, 20 years and over	6.2	7.4	4.7	4.9	6.9	9.0	4.7	5.0	5.3	5.6	4.9	4.7
Both sexes, 16 to 19 years	21.1	18.8	16.0	15.2	24.1	21.9	16.0	15.2	16.9	15.1	15.8	15.4
Men	23.9	19.7	16.9	16.1	29.1	21.4	16.7	16.3	17.3	17.7	17.7	15.5
Women	17.8	17.8	15.0	14.2	18.8	22.5	15.3	14.0	16.2	11.9	13.9	15.2
Not in labor force	6,889	6,649	47,599	48,065	3,866	3,767	36,615	37,138	3,023	2,882	10,984	10,927
Black												
Civilian noninstitutional population	9,498	9,339	12,246	12,756	7,227	7,207	10,832	11,313	2,271	2,132	1,414	1,443
Civilian labor force	5,139	5,010	8,392	8,886	3,891	3,816	7,511	7,951	1,248	1,194	881	936
Percent of population	54.1	53.6	68.5	69.7	53.8	53.0	69.3	70.3	55.0	56.0	62.3	64.8
Employed	4,377	4,150	7,484	7,862	3,260	3,109	6,694	7,039	1,118	1,041	790	822
Unemployed	761	860	907	1,025	631	707	817	911	130	153	91	113
Unemployment rate	14.8	17.2	10.8	11.5	16.2	18.5	10.9	11.5	10.4	12.8	10.3	12.1
Men, 20 years and over	13.0	15.8	9.4	10.7	14.8	17.6	9.5	10.4	8.0	10.4	8.9	13.5
Women, 20 years and over	14.2	15.2	9.7	9.6	14.9	16.0	9.7	9.7	11.8	12.6	8.9	8.4
Both sexes, 16 to 19 years	36.1	43.0	36.3	38.9	38.8	45.7	35.9	39.2	(¹)	33.8	(¹)	(¹)
Men	31.0	42.7	38.6	42.6	34.6	44.0	38.3	42.1	(¹)	(¹)	(¹)	(¹)
Women	42.9	43.4	33.9	34.9	43.3	47.8	33.4	35.7	(¹)	(¹)	(¹)	(¹)
Not in labor force	4,360	4,330	3,854	3,870	3,337	3,391	3,321	3,363	1,023	939	533	507
Hispanic origin												
Civilian noninstitutional population	4,590	4,438	10,358	10,983	4,235	4,050	9,731	10,220	355	388	627	762
Civilian labor force	2,582	2,499	7,234	7,657	2,388	2,273	6,824	7,157	195	226	410	499
Percent of population	56.3	56.3	69.8	69.7	58.4	56.1	70.1	70.0	54.7	58.2	65.4	65.5
Employed	2,271	2,159	6,569	6,852	2,094	1,967	6,188	6,416	176	192	381	436
Unemployed	311	340	665	804	293	306	635	741	18	34	29	63
Unemployment rate	12.1	13.6	9.2	10.5	12.3	13.5	9.3	10.4	9.4	15.0	7.2	12.7
Men, 20 years and over	11.7	12.2	8.8	9.0	12.0	12.1	9.0	8.9	8.5	13.6	5.9	9.9
Women, 20 years and over	9.4	13.6	7.7	9.9	9.4	13.5	7.8	9.7	9.0	14.2	7.3	11.7
Both sexes, 16 to 19 years	28.5	24.2	20.6	27.9	28.9	23.3	20.8	27.0	(¹)	(¹)	(¹)	(¹)
Men	29.9	24.5	20.5	25.0	31.0	23.7	20.5	23.3	(¹)	(¹)	(¹)	(¹)
Women	26.6	23.7	20.6	31.8	26.1	22.9	21.2	31.6	(¹)	(¹)	(¹)	(¹)
Not in labor force	2,008	1,939	3,124	3,326	1,847	1,777	2,907	3,063	161	162	217	263

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, 1942 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															
1942	40,106	34,824	18,470	992	2,198	15,280	21,636	3,460	1,912	5,206	1,509	4,066	2,213	(¹)	(¹)
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	22,887	3,906	1,955	5,359	1,481	4,222	2,808	(¹)	(¹)
1946	41,652	36,056	17,248	862	1,683	14,703	24,404	4,061	2,298	6,077	1,675	4,697	2,254	(¹)	(¹)
1947	43,857	38,382	18,509	955	2,009	15,545	25,348	4,166	2,478	6,477	1,728	5,025	1,892	(¹)	(¹)
1948	44,866	39,216	18,774	994	2,198	15,582	26,092	4,189	2,612	6,659	1,800	5,181	1,863	(¹)	(¹)
1949	43,754	37,897	17,565	930	2,194	14,441	26,189	4,001	2,610	6,654	1,828	5,239	1,908	(¹)	(¹)
1950	45,197	39,170	18,506	901	2,364	15,241	26,691	4,034	2,643	6,743	1,888	5,356	1,928	(¹)	(¹)
1951	47,819	41,430	19,859	929	2,637	16,393	27,860	4,226	2,735	7,007	1,956	5,547	2,302	(¹)	(¹)
1952	48,793	42,185	20,198	898	2,668	16,832	28,595	4,248	2,821	7,184	2,035	5,699	2,420	(¹)	(¹)
1953	50,202	43,556	21,074	866	2,659	17,549	29,128	4,290	2,862	7,385	2,111	5,835	2,305	(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	2,839	18,882	30,128	4,141	2,934	7,601	2,298	6,240	2,187	1,168	3,558
1956	52,369	45,091	21,104	822	3,039	17,243	31,266	4,244	3,027	7,831	2,389	6,497	2,209	1,250	3,819
1957	52,853	45,239	20,964	828	2,962	17,174	31,889	4,241	3,037	7,848	2,438	6,708	2,217	1,328	4,071
1958	51,324	43,483	19,513	751	2,817	15,945	31,811	3,976	2,989	7,761	2,481	6,765	2,191	1,415	4,292
1959 ²	53,268	45,186	20,411	732	3,004	16,675	32,857	4,011	3,092	8,035	2,549	7,087	2,233	1,484	4,366
1960	54,189	45,836	20,434	712	2,926	16,796	33,755	4,004	3,153	8,238	2,628	7,378	2,270	1,536	4,547
1961	53,999	45,404	19,857	672	2,859	16,326	34,142	3,903	3,142	8,195	2,688	7,619	2,279	1,607	4,708
1962	55,549	46,660	20,451	650	2,948	16,853	35,098	3,906	3,207	8,359	2,754	7,982	2,340	1,668	4,881
1963	56,653	47,429	20,640	635	3,010	16,995	36,013	3,903	3,258	8,520	2,830	8,277	2,358	1,747	5,121
1964	56,283	48,686	21,005	634	3,097	17,274	37,278	3,951	3,347	8,812	2,911	8,660	2,348	1,856	5,392
1965	60,765	50,689	21,926	632	3,232	18,062	38,839	4,036	3,477	9,239	2,977	9,036	2,378	1,996	5,700
1966	63,901	53,116	23,158	627	3,317	19,214	40,743	4,158	3,608	9,637	3,058	9,498	2,564	2,141	6,080
1967	65,803	54,413	23,308	613	3,248	19,447	42,495	4,268	3,700	9,906	3,185	10,045	2,719	2,302	6,371
1968	67,897	56,506	23,737	606	3,350	19,781	44,160	4,318	3,791	10,308	3,337	10,567	2,737	2,442	6,660
1969	70,384	58,189	24,361	619	3,575	20,167	46,023	4,442	3,919	10,785	3,512	11,169	2,758	2,533	6,904
1970	70,880	58,325	23,578	623	3,588	19,367	47,302	4,515	4,006	11,034	3,645	11,548	2,731	2,664	7,158
1971	71,214	58,331	22,935	609	3,704	18,623	48,278	4,476	4,014	11,338	3,772	11,797	2,696	2,747	7,437
1972	73,675	60,341	23,668	628	3,889	19,151	50,007	4,541	4,127	11,822	3,908	12,276	2,684	2,859	7,790
1973	76,790	63,058	24,893	642	4,097	20,154	51,897	4,656	4,291	12,315	4,046	12,857	2,663	2,923	8,146
1974	78,265	64,095	24,794	697	4,020	20,077	53,471	4,725	4,447	12,539	4,148	13,441	2,724	3,039	8,407
1975	78,945	62,259	22,600	752	3,525	18,323	54,345	4,542	4,430	12,630	4,165	13,892	2,748	3,179	8,758
1976	79,382	64,511	23,352	779	3,576	18,997	56,030	4,582	4,562	13,193	4,271	14,551	2,733	3,273	8,865
1977	82,471	67,344	24,346	813	3,851	19,682	58,125	4,713	4,723	13,792	4,467	15,302	2,727	3,377	9,023
1978	86,697	71,026	25,585	851	4,229	20,505	61,113	4,923	4,985	14,556	4,724	16,252	2,753	3,474	9,446
1979	89,823	73,876	26,461	958	4,463	21,040	63,363	5,136	5,221	14,972	4,975	17,112	2,773	3,541	9,633
1980	90,406	74,166	25,658	1,027	4,346	20,285	64,748	5,146	5,292	15,018	5,160	17,890	2,866	3,610	9,765
1981	91,156	75,126	25,497	1,139	4,188	20,170	65,659	5,165	5,376	15,172	5,298	18,619	2,772	3,640	9,619
1982	89,566	73,729	23,813	1,128	3,905	18,781	65,753	5,082	5,296	15,161	5,341	19,036	2,739	3,640	9,458
1983	90,200	74,330	23,334	952	3,948	18,434	66,866	4,954	5,266	15,595	5,468	19,694	2,774	3,662	9,434
1984	94,496	78,472	24,727	966	4,383	19,378	69,769	5,159	5,574	16,526	5,689	20,797	2,807	3,734	9,482
1985	97,519	81,125	24,859	927	4,673	19,260	72,660	5,238	5,736	17,336	5,955	21,999	2,875	3,832	9,687
1986	99,525	82,832	24,558	777	4,816	18,965	74,967	5,255	5,774	17,909	6,283	23,053	2,899	3,893	9,901
1987	102,200	85,190	24,708	717	4,967	19,024	77,492	5,372	5,865	18,462	6,547	24,235	2,943	3,967	10,100
1988	105,536	88,150	25,173	713	5,110	19,350	80,363	5,527	6,055	19,077	6,649	25,669	2,971	4,076	10,339
1989	108,329	90,550	25,322	693	5,187	19,442	83,007	5,644	6,221	19,549	6,695	27,120	2,988	4,182	10,609
1990	109,782	91,478	24,960	710	5,133	19,117	84,822	5,808	6,200	19,677	6,729	28,103	3,085	4,305	10,914
1991	108,310	89,930	23,830	691	4,885	18,455	84,480	5,772	6,069	19,259	6,678	28,323	2,966	4,346	11,067
1992 ^p	106,434	89,657	23,421	835	4,594	18,192	85,013	5,741	5,983	19,137	6,672	28,903	2,967	4,371	11,239
Monthly data, seasonally adjusted															
1991: December	108,154	89,704	23,584	663	4,592	18,329	84,570	5,758	6,021	19,112	6,670	28,559	2,983	4,342	11,125
1992: January	108,100	89,643	23,527	857	4,587	18,283	84,573	5,746	6,010	19,118	6,665	28,577	2,981	4,347	11,129
February	108,142	89,681	23,525	653	4,582	18,290	84,617	5,753	6,003	19,143	6,673	28,584	2,981	4,346	11,134
March	108,200	89,693	23,532	651	4,603	18,278	84,668	5,754	5,997	19,092	6,675	28,643	2,989	4,345	11,173
April	108,377	89,835	23,530	646	4,605	18,279	84,847	5,746	5,993	19,177	6,682	28,707	2,986	4,360	11,196
May	108,496	89,950	23,548	641	4,632	18,275	84,948	5,745	5,993	19,150	6,681	28,833	2,984	4,367	11,195
June	108,423	89,685	23,470	634	4,600	18,236	84,953	5,745	5,988	19,156	6,672	28,854	2,972	4,357	11,209
July	108,594	89,988	23,459	633	4,584	18,242	85,135	5,742	5,972	19,184	6,660	28,971	2,957	4,388	11,261
August	108,485	89,803	23,362	626	4,591	18,145	85,123	5,729	5,964	19,106	6,661	28,981	2,959	4,383	11,340
September	108,497	89,847	23,298	620	4,574	18,102	85,201	5,738	5,957	19,122	6,669	29,065	2,967	4,401	11,282
October	108,571	89,948	23,270	623	4,601	18,046	85,301	5,731	5,969	19,146	6,680	29,152	2,942	4,390	11,291
November ^p	108,647	89,961	23,277	622	4,584	18,071	85,370	5,733	5,974	19,125	6,669	29,183	2,942	4,386	11,358
December ^p	108,711	90,047	23,273	620	4,579	18,074	85,438	5,737	5,967	19,140	6,677	29,253	2,944	4,392	11,328

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 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1991) and all seasonally adjusted data (beginning January 1988) 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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Total		109,106	108,966	109,400	109,595	109,493	-	-	-	-	-
Total private		90,292	90,212	90,530	90,513	90,525	73,111	73,033	73,526	73,520	73,523
Mining		671	663	627	625	619	475	468	448	446	437
Metal mining	10	55.0	54.7	54.2	53.4	-	42.8	42.8	42.7	42.0	-
Iron ores	101	8.6	8.8	8.9	8.3	-	6.4	6.7	6.8	6.3	-
Copper ores	102	16.5	16.5	16.4	16.4	-	13.5	13.6	13.4	13.4	-
Coal mining	12	131.4	130.2	120.9	120.5	-	107.2	105.9	97.6	97.4	-
Bituminous coal and lignite mining	122	122.2	121.0	112.0	111.4	-	99.7	98.4	90.2	89.8	-
Oil and gas extraction	13	381.3	378.4	346.0	347.2	347.3	248.4	245.8	227.1	228.5	-
Crude petroleum and natural gas	131	187.8	187.3	170.3	170.6	-	95.1	94.7	86.1	85.9	-
Oil and gas field services	138	188.2	185.9	170.7	172.1	-	149.8	147.7	137.4	138.8	-
Nonmetallic minerals, except fuels	14	103.4	99.3	105.8	104.2	-	76.8	73.0	80.1	78.4	-
Crushed and broken stone	142	37.9	35.9	38.2	37.9	-	28.7	26.8	29.7	29.2	-
Sand and gravel	144	32.1	30.4	34.1	33.3	-	-	-	-	-	-
Chemical and fertilizer minerals	147	16.0	15.9	15.9	15.9	-	-	-	-	-	-
Construction		4,700	4,523	4,836	4,699	4,506	3,602	3,434	3,751	3,619	3,431
General building contractors	15	1,137.5	1,114.6	1,136.5	1,109.5	1,084.3	808.5	786.5	811.5	785.8	-
Residential building construction	152	560.6	548.8	574.7	562.1	-	384.1	373.0	395.8	383.2	-
Operative builders	153	31.2	30.2	30.2	28.9	-	13.0	12.2	13.9	12.8	-
Nonresidential building construction	154	545.7	535.6	531.6	518.5	-	411.4	401.3	401.8	389.8	-
Heavy construction, except building	16	741.9	682.1	795.3	748.4	-	614.7	557.8	671.3	626.2	-
Highway and street construction	161	224.3	188.9	255.3	229.1	-	183.3	149.5	214.8	189.3	-
Heavy construction, except highway	162	517.6	493.2	540.0	519.3	-	431.4	408.3	456.5	436.9	-
Special trade contractors	17	2,820.3	2,726.4	2,903.8	2,841.0	-	2,178.9	2,089.7	2,268.4	2,207.4	-
Plumbing, heating, and air conditioning	171	613.7	609.1	624.0	617.8	-	444.9	439.7	455.0	448.9	-
Painting and paper hanging	172	158.3	148.2	169.2	161.9	-	129.4	120.2	140.7	133.6	-
Electrical work	173	519.9	515.8	527.0	521.1	-	398.8	394.7	407.2	401.8	-
Masonry, stonework, and plastering	174	421.0	399.4	446.7	443.9	-	356.5	335.6	382.6	380.1	-
Carpentry and floor work	175	174.3	169.7	172.8	171.6	-	127.6	124.1	126.9	125.9	-
Roofing, siding, and sheet metal work	176	197.4	190.8	207.0	200.8	-	155.8	149.0	166.1	159.4	-
Manufacturing		18,450	18,361	18,192	18,153	18,093	12,502	12,423	12,383	12,349	12,297
Durable goods		10,548	10,493	10,296	10,293	10,262	6,975	6,933	6,856	6,860	6,836
Lumber and wood products	24	678.9	672.8	698.7	693.3	689.2	556.5	550.0	574.4	569.5	564.4
Logging	241	78.8	76.9	79.0	76.8	-	64.9	63.3	65.4	63.2	-
Sawmills and planing mills	242	182.9	182.0	181.7	180.1	-	158.5	157.3	157.6	156.1	-
Sawmills and planing mills, general	2421	147.2	146.5	145.8	144.6	-	127.2	126.4	126.2	124.9	-
Hardwood dimension and flooring mills	2426	33.1	33.1	33.3	33.1	-	29.1	28.9	29.2	29.1	-
Millwork, plywood, and structural members	243	237.1	235.5	250.0	248.1	-	188.8	187.1	199.9	198.3	-
Millwork	2431	99.8	99.4	105.4	104.2	-	77.1	76.6	82.0	81.0	-
Wood kitchen cabinets	2434	64.2	64.2	68.7	68.6	-	50.4	50.3	54.3	54.2	-
Hardwood veneer and plywood	2435	22.7	22.3	23.4	23.4	-	19.4	19.0	20.1	20.0	-
Softwood veneer and plywood	2436	27.5	27.3	27.4	27.3	-	24.6	24.4	24.6	24.5	-
Wood containers	244	43.6	42.5	42.9	42.9	-	36.5	35.4	36.1	36.0	-
Wood buildings and mobile homes	245	55.5	55.1	63.5	63.6	-	42.2	41.7	49.3	49.5	-
Mobile homes	2451	38.4	38.4	46.2	46.6	-	31.0	31.0	38.3	38.7	-
Miscellaneous wood products	249	81.0	80.8	81.6	81.8	-	65.6	65.2	66.1	66.4	-
Furniture and fixtures	25	473.0	469.7	467.0	466.6	464.3	372.6	370.0	369.4	368.2	366.7
Household furniture	251	273.0	271.3	266.7	267.7	-	227.1	225.4	222.3	223.2	-
Wood household furniture	2511	120.1	119.3	117.7	117.3	-	103.1	102.4	100.9	100.6	-
Upholstered household furniture	2512	89.5	89.1	87.7	88.4	-	74.0	73.6	73.0	73.6	-
Metal household furniture	2514	22.3	22.2	20.0	20.7	-	17.8	17.8	16.1	16.7	-
Mattresses and bedsprings	2515	27.5	27.1	28.0	28.0	-	20.9	20.5	21.4	21.4	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Durable goods—Continued											
Furniture and fixtures—Continued											
Office furniture	252	60.0	59.8	59.4	59.7	-	44.2	44.6	43.7	43.5	-
Public building and related furniture	253	32.9	32.8	32.3	32.4	-	25.7	25.8	25.5	25.5	-
Partitions and fixtures	254	72.9	71.7	75.1	73.6	-	52.9	51.6	55.5	53.8	-
Miscellaneous furniture and fixtures	259	34.2	34.1	33.5	33.2	-	22.7	22.6	22.4	22.2	-
Stone, clay, and glass products	32	526.3	515.9	527.5	524.2	515.0	407.2	397.4	408.4	405.1	396.3
Flat glass	321	17.1	17.1	16.4	16.1	-	13.6	13.6	12.8	12.6	-
Glass and glassware, pressed or blown	322	84.1	83.0	82.1	83.8	-	72.4	71.0	69.2	70.5	-
Glass containers	3221	38.0	37.9	37.1	37.5	-	34.4	34.2	33.2	33.4	-
Pressed and blown glass, nec	3229	46.1	45.1	45.0	46.3	-	38.0	36.8	36.0	37.1	-
Products of purchased glass	323	56.5	55.8	58.9	57.4	-	42.7	41.9	44.7	43.5	-
Cement, hydraulic	324	18.0	17.7	17.8	17.8	-	13.7	13.4	13.8	13.8	-
Structural clay products	325	32.5	32.0	33.5	33.6	-	24.8	24.3	26.3	26.1	-
Pottery and related products	326	37.8	37.8	37.2	37.3	-	29.8	29.5	29.1	29.1	-
Concrete, gypsum, and plaster products	327	190.0	183.9	193.1	189.9	-	143.7	138.2	147.2	144.0	-
Concrete block and brick	3271	16.9	16.2	17.2	16.9	-	10.6	10.1	11.0	10.7	-
Concrete products, nec	3272	64.3	62.9	63.0	61.9	-	48.3	47.1	47.1	46.1	-
Ready-mixed concrete	3273	92.2	88.2	96.3	94.4	-	72.1	68.4	76.1	74.2	-
Misc. nonmetallic mineral products	329	76.9	75.6	76.0	76.0	-	57.0	56.1	56.3	56.6	-
Abrasive products	3291	20.6	20.6	20.6	20.6	-	15.1	15.1	15.0	15.1	-
Asbestos products	3292	4.5	4.4	4.5	4.6	-	3.4	3.4	3.5	3.7	-
Mineral wool	3296	23.0	22.4	22.0	22.0	-	-	-	-	-	-
Primary metal industries	33	715.8	716.3	698.2	697.6	696.2	539.6	540.4	529.5	528.9	526.5
Blast furnaces and basic steel products	331	258.5	260.5	249.7	250.1	250.5	195.4	196.6	188.9	189.3	188.4
Blast furnaces and steel mills	3312	195.2	196.9	186.8	187.1	-	148.3	149.3	141.6	141.8	-
Steel pipe and tubes	3317	24.4	24.6	23.6	23.6	-	18.0	18.1	17.7	17.7	-
Iron and steel foundries	332	123.0	122.6	121.6	121.8	-	97.8	97.4	97.6	97.6	-
Gray and ductile iron foundries	3321	75.6	75.6	75.1	75.5	-	61.1	61.1	61.0	61.1	-
Malleable iron foundries	3322	7.7	7.4	7.5	7.5	-	6.2	5.9	6.2	6.2	-
Steel foundries, nec	3325	24.5	24.4	24.5	24.5	-	18.9	18.8	19.1	19.1	-
Primary nonferrous metals	333	43.5	43.3	42.6	42.7	-	33.3	33.1	32.3	32.4	-
Primary aluminum	3334	24.7	24.4	24.7	24.8	-	20.0	19.8	19.6	19.7	-
Nonferrous rolling and drawing	335	167.7	167.1	163.8	163.0	-	119.8	119.9	118.9	118.4	-
Copper rolling and drawing	3351	23.3	23.2	23.1	23.0	-	17.7	17.7	17.6	17.5	-
Aluminum sheet, plate, and foil	3353	27.4	27.4	26.2	26.1	-	18.0	18.3	17.5	17.5	-
Nonferrous wire drawing and insulating	3357	70.9	70.8	68.7	68.2	-	51.2	51.2	50.2	50.0	-
Nonferrous foundries (castings)	336	79.3	79.0	78.1	77.5	-	61.7	61.9	61.2	60.7	-
Aluminum foundries	3365	22.6	22.3	22.7	22.5	-	17.6	17.3	17.9	17.7	-
Fabricated metal products	34	1,361.5	1,355.0	1,336.0	1,334.2	1,329.9	998.3	993.4	983.1	983.2	979.0
Metal cans and shipping containers	341	46.9	46.8	44.8	44.5	-	40.2	40.2	38.5	38.3	-
Metal cans	3411	37.7	37.9	36.0	35.7	-	32.8	33.0	31.5	31.3	-
Cutlery, handtools, and hardware	342	123.9	123.6	122.2	122.2	-	91.7	91.6	90.8	90.7	-
Hand and edge tools, and blades and handsaws	3423.5	42.6	42.5	40.9	41.2	-	31.4	31.4	30.3	30.5	-
Hardware, nec	3429	69.6	69.4	69.6	69.5	-	52.2	52.1	52.4	52.3	-
Plumbing and heating, except electric	343	57.9	57.6	58.4	58.5	-	41.4	41.1	41.8	42.0	-
Plumbing fixture fittings and trim	3432	25.5	25.5	26.2	26.3	-	19.2	19.2	19.5	19.6	-
Heating equipment, except electric	3433	19.3	19.0	19.2	19.1	-	12.8	12.5	12.8	12.8	-
Fabricated structural metal products	344	407.4	403.8	397.4	394.8	-	286.4	283.7	281.8	280.0	-
Fabricated structural metal	3441	73.2	72.5	68.0	66.7	-	52.3	51.9	48.8	47.8	-
Metal doors, sash, and trim	3442	71.0	70.1	73.6	73.3	-	50.8	49.7	53.5	53.2	-
Fabricated plate work (boiler shops)	3443	106.1	105.5	100.5	99.4	-	71.1	70.6	67.8	67.2	-
Sheet metal work	3444	95.0	94.2	93.8	93.5	-	71.3	70.8	70.5	70.2	-
Architectural metal work	3446	26.3	26.0	25.5	25.2	-	17.9	17.7	17.7	17.6	-
Screw machine products, bolts, etc	345	90.2	89.7	87.9	87.5	-	68.9	68.6	67.2	67.0	-
Screw machine products	3451	43.6	43.3	43.6	44.0	-	35.4	35.2	35.4	35.7	-
Bolts, nuts, rivets, and washers	3452	46.6	46.4	44.3	43.5	-	33.5	33.4	31.8	31.3	-
Metal forgings and stampings	346	216.9	215.6	215.6	217.0	-	171.5	170.1	171.7	173.2	-
Iron and steel forgings	3462	30.8	30.6	29.4	29.1	-	23.2	23.2	22.4	22.1	-
Automotive stampings	3465	98.4	97.2	98.3	99.8	-	82.5	81.2	82.9	84.6	-
Metal stampings, nec	3469	76.9	77.1	77.3	77.4	-	58.2	58.1	58.6	58.6	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Durable goods—Continued											
Fabricated metal products—Continued											
Metal services, nec	347	117.2	116.3	116.2	115.7	-	90.4	90.0	89.6	89.3	-
Plating and polishing	3471	72.2	71.8	72.2	72.3	-	55.7	55.6	55.5	55.7	-
Metal coating and allied services	3479	45.0	44.5	44.0	43.4	-	34.7	34.4	34.1	33.6	-
Ordnance and accessories, nec	348	69.4	69.6	63.8	63.5	-	41.9	42.0	36.5	36.4	-
Ammunition, except for small arms, nec	3483	42.8	43.0	38.3	38.1	-	23.1	23.2	18.9	18.9	-
Miscellaneous fabricated metal products	349	231.7	232.0	229.7	230.5	-	165.9	166.1	165.2	166.3	-
Valves and pipe fittings, nec	3494	28.0	28.0	27.1	27.3	-	19.4	19.5	19.3	19.5	-
Misc. fabricated wire products	3496	50.7	51.2	51.7	51.9	-	38.0	38.5	38.8	39.2	-
Industrial machinery and equipment	35	1,966.7	1,963.5	1,932.6	1,935.1	1,938.5	1,167.3	1,168.5	1,157.7	1,162.7	1,167.9
Engines and turbines	351	90.0	90.3	93.4	93.9	-	57.4	57.3	58.6	58.8	-
Turbines and turbine generator sets	3511	28.4	28.5	28.5	28.6	-	17.0	16.9	16.9	16.8	-
Internal combustion engines, nec	3519	61.6	61.8	64.9	65.3	-	40.4	40.4	41.7	42.0	-
Farm and garden machinery	352	97.6	99.5	93.5	95.4	-	70.2	72.4	65.6	67.4	-
Farm machinery and equipment	3523	71.4	71.7	68.1	68.8	-	50.1	50.6	46.3	47.0	-
Construction and related machinery	353	205.0	202.6	204.6	206.2	-	120.2	118.0	121.2	123.1	-
Construction machinery	3531	70.1	68.7	78.7	80.1	-	39.1	37.9	46.2	47.6	-
Mining machinery	3532	16.4	16.2	15.6	15.6	-	9.6	9.4	9.2	9.4	-
Oil and gas field machinery	3533	42.9	42.0	35.5	35.5	-	26.9	26.2	21.8	21.9	-
Conveyors and conveying equipment	3535	32.3	32.4	31.6	31.6	-	17.9	17.8	17.3	17.3	-
Industrial trucks and tractors	3537	25.0	25.0	25.3	25.4	-	16.3	16.3	16.8	17.0	-
Metalworking machinery	354	308.1	308.2	307.1	308.3	-	217.6	217.6	216.1	217.3	-
Machine tools, metal cutting types	3541	39.6	39.4	37.0	36.7	-	24.6	24.4	22.6	22.6	-
Machine tools, metal forming types	3542	16.8	16.7	16.1	16.2	-	10.2	10.1	10.0	10.1	-
Special dies, tools, jigs, and fixtures	3544	140.1	140.6	142.1	143.6	-	106.8	107.2	108.1	109.5	-
Machine tool accessories	3545	51.3	51.4	51.2	51.4	-	36.0	36.2	35.9	35.9	-
Power driven handtools	3546	21.7	21.6	21.6	21.5	-	15.0	14.8	14.5	14.4	-
Special industry machinery	355	146.2	146.0	143.1	142.9	-	83.1	82.8	81.7	82.2	-
Textile machinery	3552	16.8	16.9	16.9	17.1	-	11.1	11.1	11.1	11.2	-
Printing trades machinery	3555	23.0	22.9	20.3	20.2	-	11.3	11.2	10.8	10.8	-
Food products machinery	3556	22.1	22.1	22.2	22.3	-	12.8	12.9	13.0	13.2	-
General industrial machinery	356	236.3	235.9	231.9	231.4	-	149.5	149.8	147.0	147.0	-
Pumps and pumping equipment	3561	30.9	31.0	30.7	30.6	-	17.4	17.6	17.1	17.1	-
Ball and roller bearings	3562	39.9	39.7	37.5	37.3	-	31.3	31.2	29.8	29.7	-
Air and gas compressors	3563	24.8	25.1	24.7	24.6	-	13.6	13.9	13.5	13.5	-
Blowers and fans	3564	31.0	30.9	31.3	31.4	-	20.9	20.9	21.3	21.4	-
Speed changers, drives, and gears	3566	14.7	14.5	14.2	14.2	-	10.2	10.2	9.9	10.0	-
Power transmission equipment, nec	3568	18.8	18.7	18.9	18.9	-	12.2	12.3	12.4	12.5	-
Computer and office equipment	357	406.8	405.3	388.6	386.6	-	129.6	132.3	130.2	129.1	-
Electronic computers	3571	251.1	249.9	233.3	231.2	-	61.0	64.2	59.2	58.9	-
Computer terminals, calculators, and office machines, nec	3575,8,9	61.4	61.2	58.2	58.1	-	25.4	25.4	26.9	26.4	-
Refrigeration and service machinery	358	168.2	167.3	168.7	169.1	-	115.2	114.1	117.6	118.3	-
Refrigeration and heating equipment	3585	114.3	113.4	114.1	114.4	-	81.2	80.3	83.4	84.0	-
Misc. industrial and commercial machinery	359	308.5	308.4	301.7	301.3	-	224.5	224.2	219.7	219.5	-
Carburetors, pistons, rings, valves	3592	22.2	22.3	21.9	21.9	-	18.0	18.0	17.5	17.5	-
Scales, balances, and industrial machinery, nec	3596,9	241.3	241.3	236.2	235.8	-	180.2	180.1	177.0	176.7	-
Electronic and other electrical equipment	36	1,586.6	1,579.8	1,541.6	1,545.1	1,541.5	1,001.0	994.4	983.3	986.9	985.7
Electric distribution equipment	361	90.2	89.6	86.3	86.5	-	62.0	61.4	59.3	59.5	-
Transformers, except electronic	3612	46.0	45.9	44.4	44.5	-	32.2	32.1	31.1	31.3	-
Switchgear and switchboard apparatus	3613	44.2	43.7	41.9	42.0	-	29.8	29.3	28.2	28.2	-
Electrical industrial apparatus	362	160.4	160.2	156.2	156.4	-	112.4	112.7	109.7	109.9	-
Motors and generators	3621	79.0	78.9	77.6	77.8	-	60.8	60.9	60.1	60.3	-
Relays and industrial controls	3625	62.7	62.8	60.2	60.2	-	38.7	38.9	36.7	36.7	-
Household appliances	363	120.7	120.6	118.4	118.7	-	96.4	96.4	94.0	94.2	-
Household refrigerators and freezers	3632	26.0	25.9	27.3	26.6	-	21.0	20.8	22.8	22.2	-
Household laundry equipment	3633	20.9	20.7	19.8	19.8	-	16.0	15.9	14.6	14.6	-
Electric housewares and fans	3634	33.0	32.3	31.3	31.2	-	25.9	25.2	24.2	23.9	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Durable goods—Continued											
Electronic and other electrical equipment—Continued											
Electric lighting and wiring equipment	364	176.2	175.9	173.8	174.4	-	128.0	127.2	125.7	126.4	-
Electric lamps	3641	21.4	21.4	20.9	20.9	-	18.1	18.0	17.4	17.4	-
Current-carrying wiring devices	3643	68.3	68.1	65.9	66.2	-	45.7	45.5	43.8	44.2	-
Noncurrent-carrying wiring devices	3644	16.6	16.4	16.2	16.4	-	11.9	11.5	11.7	11.8	-
Residential lighting fixtures	3645	20.5	20.5	21.4	21.1	-	15.7	15.6	16.4	16.2	-
Household audio and video equipment	365	87.1	86.4	86.6	86.6	-	59.4	58.7	58.8	58.0	-
Household audio and video equipment	3651	63.3	62.7	60.7	60.5	-	41.6	41.0	39.3	38.6	-
Communications equipment	366	247.1	246.7	236.0	235.7	-	124.7	124.2	121.2	121.6	-
Telephone and telegraph apparatus	3661	116.4	116.0	111.9	111.7	-	62.9	62.4	62.1	62.7	-
Electronic components and accessories	367	544.9	540.9	529.6	531.5	-	307.2	303.8	307.9	310.2	-
Electron tubes	3671	27.7	25.3	25.3	25.8	-	18.5	16.5	16.9	17.5	-
Semiconductors and related devices	3674	229.9	228.8	221.6	221.2	-	89.9	88.8	92.7	92.6	-
Electronic components, nec	3679	131.5	131.5	127.0	127.7	-	84.6	85.0	82.7	83.6	-
Misc. electrical equipment and supplies	369	160.0	159.5	154.7	155.3	-	110.9	110.0	106.7	107.1	-
Storage batteries	3691	29.0	29.0	28.4	28.5	-	22.4	22.3	22.2	22.3	-
Engine electrical equipment	3694	66.1	66.1	62.9	63.5	-	50.3	50.0	47.8	48.1	-
Transportation equipment	37	1,896.3	1,888.8	1,790.6	1,797.9	1,796.0	1,185.5	1,179.9	1,126.3	1,134.8	1,135.0
Motor vehicles and equipment	371	817.8	815.5	811.2	823.4	827.2	629.0	626.8	621.8	632.1	634.0
Motor vehicles and car bodies	3711	331.7	327.2	319.4	329.8	-	246.5	242.8	231.7	240.4	-
Truck and bus bodies	3713	33.5	33.9	34.1	34.4	-	25.3	25.8	26.9	27.1	-
Motor vehicle parts and accessories	3714	410.9	412.2	411.5	412.3	-	325.5	326.2	327.2	327.9	-
Truck trailers	3715	24.7	25.0	27.6	28.1	-	18.9	19.1	21.9	22.4	-
Aircraft and parts	372	656.8	654.8	596.9	593.3	-	315.7	314.5	279.9	278.3	-
Aircraft	3721	353.4	353.2	328.3	326.5	-	149.8	149.7	133.2	132.5	-
Aircraft engines and engine parts	3724	137.8	137.0	122.0	121.5	-	69.5	69.1	62.3	61.9	-
Aircraft parts and equipment, nec	3728	165.6	164.6	146.6	145.3	-	96.4	95.7	84.4	83.9	-
Ship and boat building and repairing	373	178.3	177.0	164.6	165.0	-	138.3	137.2	127.4	127.5	-
Ship building and repairing	3731	132.0	131.4	117.6	118.2	-	100.4	100.0	89.2	89.3	-
Boat building and repairing	3732	46.3	45.6	47.0	46.8	-	37.9	37.2	38.2	38.2	-
Railroad equipment	374	28.5	27.5	28.4	28.5	-	20.6	19.5	21.4	21.4	-
Guided missiles, space vehicles, and parts	376	159.1	158.1	131.8	130.1	-	44.5	44.4	36.3	36.2	-
Guided missiles and space vehicles	3761	113.9	113.3	94.1	93.4	-	30.4	30.5	24.3	24.3	-
Miscellaneous transportation equipment	379	40.4	40.4	41.9	41.8	-	26.0	26.0	27.7	27.5	-
Travel trailers and campers	3792	15.9	16.1	17.6	17.9	-	12.6	12.7	14.3	14.5	-
Instruments and related products	38	970.5	964.7	931.0	927.3	924.2	476.5	474.4	455.0	453.0	451.4
Search and navigation equipment	381	256.1	254.9	229.8	227.4	-	81.1	80.2	72.7	71.9	-
Measuring and controlling devices	382	301.4	300.7	287.3	285.9	-	162.7	161.7	150.2	148.7	-
Environmental controls	3822	45.4	45.4	44.8	44.5	-	31.1	31.1	30.5	30.1	-
Process control instruments	3823	61.3	61.4	57.1	56.3	-	31.1	31.0	27.2	26.7	-
Instruments to measure electricity	3825	82.9	82.1	78.2	78.3	-	41.1	40.4	37.9	37.8	-
Medical instruments and supplies	384	263.8	265.0	268.1	268.6	-	153.0	153.4	156.6	156.8	-
Surgical and medical instruments	3841	111.9	112.6	113.8	114.0	-	66.7	66.8	68.1	68.2	-
Surgical appliances and supplies	3842	94.2	94.7	95.8	96.3	-	61.3	61.5	62.2	62.4	-
Ophthalmic goods	385	41.2	41.1	40.6	40.2	-	28.4	28.3	27.3	27.2	-
Photographic equipment and supplies	386	97.9	93.0	96.0	95.9	-	43.2	42.7	40.7	40.8	-
Watches, clocks, watchcases, and parts	387	10.1	10.0	9.2	9.3	-	8.1	8.1	7.5	7.6	-
Miscellaneous manufacturing industries	39	372.1	366.0	372.6	372.0	366.8	270.5	264.3	268.7	267.8	262.9
Jewelry, silverware, and plated ware	391	52.7	51.4	53.6	53.7	-	38.1	36.9	38.4	38.5	-
Jewelry, precious metal	3911	38.9	37.8	39.2	39.2	-	28.1	27.0	27.9	28.0	-
Musical instruments	393	11.8	12.2	12.3	12.2	-	9.5	9.9	10.1	10.1	-
Toys and sporting goods	394	107.0	104.4	108.3	108.8	-	78.9	76.4	79.6	80.1	-
Dolls, games, toys, and children's vehicles	3942.4	45.2	42.8	45.9	46.2	-	33.1	30.7	33.9	34.0	-
Sporting and athletic goods, nec	3949	61.8	61.6	62.4	62.6	-	45.8	45.7	45.7	46.1	-
Pens, pencils, office, and art supplies	395	32.9	33.0	32.4	32.3	-	22.9	22.7	21.5	21.2	-
Costume jewelry and notions	396	32.1	30.9	29.2	29.3	-	23.4	22.2	21.1	21.0	-
Costume jewelry	3961	20.4	19.1	17.5	17.6	-	14.5	13.2	12.2	12.1	-
Miscellaneous manufactures	399	135.6	134.1	136.8	135.7	-	97.7	96.2	98.0	96.9	-
Signs and advertising specialties	3993	54.5	55.2	55.2	55.2	-	37.3	38.0	38.3	38.2	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Nondurable goods		7,902	7,868	7,896	7,860	7,831	5,527	5,490	5,527	5,489	5,461
Food and kindred products	20	1,681.6	1,659.2	1,709.2	1,675.3	1,655.3	1,219.3	1,195.5	1,252.5	1,222.1	1,201.3
Meat products	201	435.4	433.2	442.9	445.1	-	370.8	368.2	378.0	378.2	-
Meat packing plants	2011	140.7	139.9	143.9	143.6	-	119.2	118.2	120.5	120.5	-
Sausages and other prepared meats	2013	86.6	86.4	87.5	87.9	-	65.5	65.2	66.2	66.5	-
Poultry slaughtering and processing	2015	208.1	206.9	211.5	213.6	-	186.1	184.8	189.3	191.2	-
Dairy products	202	154.5	154.4	154.9	153.8	-	95.3	95.0	97.2	96.9	-
Cheese, natural and processed	2022	41.6	41.7	42.3	42.2	-	32.1	32.2	33.6	33.8	-
Fluid milk	2026	72.6	72.5	70.8	70.7	-	36.8	36.3	36.4	36.6	-
Preserved fruits and vegetables	203	241.1	228.6	265.9	239.5	-	201.5	188.9	225.7	200.3	-
Canned specialties	2032	22.8	22.8	23.7	22.8	-	18.7	18.7	19.9	19.1	-
Canned fruits and vegetables	2033	78.2	71.9	93.7	74.5	-	65.5	58.9	80.0	61.6	-
Frozen fruits and vegetables	2037	50.6	45.5	55.2	51.0	-	44.4	39.5	48.8	45.0	-
Grain mill products	204	130.4	130.8	130.0	128.3	-	91.9	91.8	91.8	91.0	-
Flour and other grain mill products	2041	21.3	21.3	21.4	21.3	-	14.3	14.3	14.3	14.3	-
Prepared feeds, nec	2048	46.6	46.8	46.9	46.0	-	29.6	29.5	30.0	29.7	-
Bakery products	205	216.6	214.1	214.4	214.8	-	138.1	135.7	138.4	138.8	-
Bread, cake, and related products	2051	156.6	155.9	154.1	153.9	-	91.6	90.9	91.5	91.5	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	60.0	58.2	60.3	60.9	-	46.5	44.8	46.9	47.3	-
Sugar and confectionery products	206	111.7	107.9	112.1	111.0	-	88.9	85.1	89.0	87.9	-
Raw cane sugar	2061	8.8	8.3	8.4	9.4	-	7.1	6.7	6.5	7.6	-
Cane sugar refining	2062	5.2	5.3	4.8	4.9	-	3.8	3.9	3.4	3.4	-
Beet sugar	2063	11.7	10.7	13.8	10.7	-	10.1	9.3	12.4	9.5	-
Candy and other confectionery products	2064	53.6	51.2	52.9	54.2	-	44.3	41.7	43.0	44.2	-
Fats and oils	207	31.9	31.6	32.9	32.2	-	22.1	21.8	21.9	22.0	-
Beverages	208	181.4	180.9	176.9	174.9	-	77.8	77.3	77.5	75.9	-
Malt beverages	2082	40.0	39.9	37.4	37.6	-	23.6	23.6	22.3	22.4	-
Bottled and canned soft drinks	2086	97.6	97.3	96.9	96.3	-	33.4	33.1	34.5	33.9	-
Misc. food and kindred products	209	178.6	177.7	179.2	175.7	-	132.9	131.7	135.0	131.1	-
Tobacco products	21	49.8	52.6	52.0	48.1	51.3	37.1	39.9	40.0	35.5	39.0
Cigarettes	211	34.5	34.4	33.5	33.6	-	25.7	25.7	25.4	25.1	-
Textile mill products	22	681.3	679.0	677.2	679.1	677.0	584.2	582.2	578.2	580.0	577.8
Broadwoven fabric mills, cotton	221	87.5	87.3	85.6	85.6	-	77.7	77.5	75.9	76.1	-
Broadwoven fabric mills, synthetics	222	73.6	73.7	74.0	73.9	-	64.4	64.5	63.2	63.0	-
Broadwoven fabric mills, wool	223	17.4	17.3	17.4	17.5	-	14.4	14.3	14.6	14.5	-
Narrow fabric mills	224	24.0	23.9	24.0	24.2	-	20.1	20.1	20.3	20.4	-
Knitting mills	225	201.5	200.9	199.9	200.4	-	175.7	175.5	173.8	174.4	-
Women's hosiery, except socks	2251	31.0	31.1	30.4	30.6	-	27.7	27.8	27.0	27.2	-
Hosiery, nec	2252	38.5	38.4	37.1	37.0	-	34.4	34.4	33.4	33.3	-
Knit outerwear mills	2253	55.9	55.7	57.6	58.0	-	49.6	49.5	50.4	50.7	-
Knit underwear mills	2254	28.0	27.5	27.9	28.2	-	23.9	23.5	24.1	24.4	-
Weft knit fabric mills	2257	26.8	26.9	26.2	26.1	-	22.9	23.0	22.2	22.2	-
Textile finishing, except wool	226	66.6	66.4	65.2	65.6	-	54.6	54.4	53.9	54.2	-
Finishing plants, cotton	2261	27.4	27.2	25.9	26.5	-	22.3	22.1	21.7	22.2	-
Finishing plants, synthetics	2262	26.3	26.2	26.4	26.3	-	21.4	21.4	21.3	21.2	-
Carpets and rugs	227	58.1	57.6	60.0	60.6	-	47.4	46.6	48.4	49.2	-
Yarn and thread mills	228	101.8	101.7	100.6	101.2	-	90.9	90.9	89.8	90.1	-
Yarn spinning mills	2281	80.2	80.2	79.6	79.9	-	72.0	72.0	71.6	71.7	-
Throwing and winding mills	2282	14.5	14.4	14.5	14.5	-	12.6	12.6	12.5	12.5	-
Miscellaneous textile goods	229	50.8	50.2	50.5	50.1	-	39.0	38.4	38.3	38.1	-
Apparel and other textile products	23	1,037.8	1,029.4	1,016.6	1,015.4	1,005.5	870.4	860.9	851.9	849.9	841.6
Men's and boys' suits and coats	231	47.8	48.1	43.6	43.9	-	39.9	40.4	36.3	36.7	-
Men's and boys' furnishings	232	279.2	280.5	284.8	285.5	-	240.3	240.5	245.8	246.6	-
Men's and boys' shirts	2321	63.2	63.4	64.1	64.0	-	54.3	54.2	55.1	54.9	-
Men's and boys' trousers and slacks	2325	86.4	87.6	88.2	88.4	-	75.0	76.0	77.1	77.4	-
Men's and boys' work clothing	2326	44.0	43.7	44.5	44.4	-	38.2	37.7	39.0	39.1	-
Women's and misses' outerwear	233	327.6	321.3	314.4	311.2	-	275.0	268.6	263.5	260.0	-
Women's and misses' blouses and shirts	2331	37.2	36.9	34.5	34.4	-	30.7	30.4	28.0	27.9	-
Women's, juniors', and misses' dresses	2335	64.4	63.5	59.0	56.7	-	53.0	52.2	47.7	45.6	-
Women's and misses' suits and coats	2337	33.8	29.9	30.3	29.0	-	28.6	24.7	25.3	24.0	-
Women's and misses' outerwear, nec	2339	192.2	191.0	190.6	191.1	-	162.7	161.3	162.5	162.5	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	60.8	59.6	55.4	54.6	-	49.7	48.5	45.5	44.7	-
Women's and children's underwear	2341	49.7	48.5	44.1	43.4	-	41.9	40.7	37.5	36.9	-
Brassieres, girdles, and allied garments	2342	11.1	11.1	11.3	11.2	-	7.8	7.8	8.0	7.8	-
Girls' and children's outerwear	236	54.7	55.4	51.2	50.5	-	46.7	47.3	43.3	42.9	-
Girls' and children's dresses and blouses	2361	22.5	23.1	20.5	20.3	-	20.0	20.4	17.6	17.5	-
Misc. apparel and accessories	238	44.2	43.7	43.2	42.9	-	36.0	35.4	35.2	34.8	-
Misc. fabricated textile products	239	206.2	203.5	206.1	208.8	-	168.6	166.1	167.4	169.5	-
Curtains and draperies	2391	22.7	22.8	22.4	22.3	-	18.9	18.9	18.6	18.5	-
House furnishings, nec	2392	54.9	54.1	54.6	54.8	-	46.3	45.4	45.9	46.2	-
Automotive and apparel trimmings	2396	54.4	52.8	55.6	56.8	-	44.6	43.1	45.0	45.9	-
Paper and allied products	26	688.3	687.9	689.4	689.0	689.3	518.9	518.6	519.2	518.6	520.0
Paper mills	262	180.8	181.1	178.6	179.0	-	137.6	137.8	135.4	135.9	-
Paperboard mills	263	49.8	49.8	48.4	48.6	-	38.6	38.5	37.3	37.3	-
Paperboard containers and boxes	265	208.2	208.5	211.1	211.7	-	162.3	162.7	165.6	165.8	-
Corrugated and solid fiber boxes	2653	118.6	118.7	119.5	120.2	-	89.5	89.5	90.0	90.6	-
Sanitary food containers	2656	14.7	14.9	14.8	14.8	-	12.7	13.0	13.0	13.0	-
Folding paperboard boxes	2657	49.3	49.4	49.7	49.6	-	40.1	40.2	40.3	40.2	-
Misc. converted paper products	267	235.4	234.3	237.4	236.0	-	169.4	168.5	170.2	169.0	-
Paper, coated and laminated, nec	2672	45.0	44.9	45.0	44.9	-	22.0	21.8	21.6	21.5	-
Bags: plastics, laminated, and coated	2673	34.3	34.2	34.3	34.4	-	25.5	25.5	25.6	25.7	-
Envelopes	2677	24.9	24.9	24.9	25.0	-	19.3	19.2	19.2	19.3	-
Printing and publishing	27	1,534.1	1,536.3	1,518.1	1,524.9	1,528.9	848.1	850.7	837.1	841.3	845.0
Newspapers	271	457.3	457.5	454.7	456.2	-	160.3	160.8	158.1	159.4	-
Periodicals	272	125.3	125.3	123.3	123.8	-	44.5	44.4	43.3	42.9	-
Books	273	118.3	121.0	116.1	117.5	-	63.6	66.7	61.9	63.8	-
Book publishing	2731	83.3	84.4	81.6	82.7	-	34.9	36.5	34.0	35.3	-
Book printing	2732	35.0	36.6	34.5	34.8	-	28.7	30.2	27.9	28.5	-
Miscellaneous publishing	274	82.8	82.6	82.9	83.7	-	40.9	40.9	40.0	40.5	-
Commercial printing	275	542.5	542.5	537.0	539.7	-	392.3	391.5	388.9	391.2	-
Commercial printing, lithographic	2752	361.0	360.8	354.4	356.6	-	260.4	259.7	255.4	257.2	-
Commercial printing, nec	2759	162.8	163.0	163.7	164.2	-	116.7	116.7	118.3	118.8	-
Manifold business forms	276	49.1	49.1	48.2	48.3	-	34.3	34.4	33.4	33.4	-
Blankbooks and bookbinding	278	69.9	69.8	67.5	67.5	-	53.4	53.2	51.3	50.9	-
Printing trade services	279	61.0	61.2	61.9	61.9	-	43.8	44.3	45.0	44.8	-
Chemicals and allied products	28	1,070.1	1,071.2	1,068.3	1,065.4	1,067.8	569.6	569.3	560.4	556.4	556.7
Industrial inorganic chemicals	281	125.0	125.4	124.0	123.9	-	59.4	59.7	55.1	54.8	-
Industrial inorganic chemicals, nec	2819	79.4	79.5	79.3	79.3	-	39.2	39.0	36.9	36.7	-
Plastics materials and synthetics	282	176.5	176.2	172.0	171.4	-	107.6	107.2	102.9	102.0	-
Plastics materials and resins	2821	84.8	84.8	84.6	84.2	-	50.0	50.0	51.6	51.3	-
Organic fibers, noncellulosic	2824	63.1	63.0	58.8	58.4	-	39.4	39.1	32.6	31.8	-
Drugs	283	247.7	248.7	252.7	253.5	-	108.1	108.2	111.7	111.8	-
Pharmaceutical preparations	2834	205.9	206.9	210.7	211.4	-	92.6	92.6	96.0	95.8	-
Soap, cleaners, and toilet goods	284	155.4	156.0	158.6	157.0	-	94.4	94.9	96.3	93.8	-
Soap and other detergents	2841	43.9	43.9	43.9	44.4	-	27.7	27.8	27.4	27.4	-
Polishing, sanitation, and finishing preparations	2842,3	43.8	43.8	44.1	43.9	-	24.1	24.2	24.2	23.8	-
Toilet preparations	2844	67.7	68.3	70.6	68.7	-	42.6	42.9	44.7	42.6	-
Paints and allied products	285	56.9	56.6	57.1	56.9	-	29.0	28.9	29.9	29.8	-
Industrial organic chemicals	286	154.3	154.1	152.5	151.7	-	78.4	77.7	75.1	75.0	-
Cyclic crudes and intermediates	2865	27.2	27.1	26.9	26.8	-	15.9	15.9	15.6	15.6	-
Industrial organic chemicals, nec	2869	122.6	122.5	121.2	120.5	-	59.4	58.7	56.4	56.2	-
Agricultural chemicals	287	55.8	56.2	55.1	54.8	-	33.8	34.1	32.2	32.0	-
Miscellaneous chemical products	289	98.5	98.0	96.3	96.2	-	58.9	58.6	57.2	57.2	-
Petroleum and coal products	29	159.5	156.3	154.0	153.2	149.4	103.4	101.0	101.8	100.6	97.0
Petroleum refining	291	120.6	120.1	113.6	113.4	-	76.6	76.7	73.5	73.0	-
Asphalt paving and roofing materials	295	26.7	24.0	28.8	28.2	-	20.3	17.7	22.2	21.6	-
Rubber and misc. plastics products	30	873.9	871.7	886.3	885.9	885.2	674.0	671.8	685.4	685.3	685.1
Tires and inner tubes	301	80.4	81.4	84.4	84.8	-	59.7	60.6	63.3	64.0	-
Rubber and plastics footwear	302	10.7	11.3	10.0	10.0	-	8.7	9.1	8.5	8.5	-
Hose, belting, gaskets, and packing	305	58.0	58.3	59.3	59.1	-	42.4	42.5	43.8	43.8	-
Rubber and plastics hose and belting	3052	23.6	23.8	23.9	23.7	-	17.9	17.9	18.3	18.3	-
Fabricated rubber products, nec	306	101.5	100.8	100.2	99.7	-	76.4	75.8	75.5	74.9	-
Miscellaneous plastics products, nec	308	623.3	619.9	632.4	632.3	-	486.8	483.8	494.3	494.1	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Nondurable goods—Continued											
Leather and leather products	31	125.6	124.0	124.5	123.4	121.4	101.8	100.5	100.3	99.5	97.7
Leather tanning and finishing	311	15.1	15.2	15.5	15.6	-	12.4	12.4	12.7	12.8	-
Footwear, except rubber	314	67.4	66.5	66.8	66.0	-	56.4	55.7	55.4	54.8	-
Men's footwear, except athletic	3143	29.8	29.8	30.1	30.2	-	23.8	23.9	23.7	23.9	-
Women's footwear, except athletic	3144	24.3	24.3	23.5	22.8	-	20.9	21.0	20.2	19.7	-
Luggage	316	10.7	10.7	10.0	9.9	-	7.3	7.4	7.2	7.1	-
Handbags and personal leather goods	317	14.7	14.0	14.3	14.1	-	11.2	10.5	10.5	10.4	-
Transportation and public utilities		5,810	5,814	5,789	5,782	5,793	4,847	4,846	4,843	4,838	4,856
Transportation		3,561	3,567	3,572	3,565	3,579	-	-	-	-	-
Railroad transportation	40	261.0	257.1	260.9	257.0	-	-	-	-	-	-
Class I railroads ²	4011	229.2	225.8	223.3	220.0	-	-	-	-	-	-
Local and interurban passenger transit	41	372.8	370.8	381.0	379.5	-	342.7	340.8	351.8	350.1	-
Local and suburban transportation	411	157.9	158.1	158.8	158.7	-	144.1	144.3	144.7	144.7	-
Taxicabs	412	31.4	31.5	28.7	29.2	-	-	-	-	-	-
Intercity and rural bus transportation	413	24.9	24.0	24.0	23.8	-	22.3	21.3	21.4	21.1	-
School buses	415	129.7	129.1	140.0	139.1	-	-	-	-	-	-
Trucking and warehousing	42	1,643.1	1,664.7	1,640.6	1,646.6	-	1,432.9	1,453.6	1,431.4	1,437.2	-
Trucking and courier services, except air	421	1,513.0	1,536.1	1,511.6	1,517.7	-	1,324.5	1,345.7	1,322.5	1,328.3	-
Public warehousing and storage	422	126.2	124.7	125.4	125.3	-	105.0	104.4	105.7	105.6	-
Water transportation	44	188.1	187.9	184.8	179.7	-	-	-	-	-	-
Water transportation of freight, nec	444	14.8	14.9	14.2	14.1	-	-	-	-	-	-
Water transportation services	449	123.7	123.2	119.2	116.4	-	110.4	109.7	106.3	103.7	-
Transportation by air	45	730.5	722.3	735.6	733.5	-	-	-	-	-	-
Air transportation, scheduled	451	603.3	594.7	605.6	603.0	-	-	-	-	-	-
Airports, flying fields, and services	458	100.4	100.7	100.6	101.7	-	-	-	-	-	-
Pipelines, except natural gas	46	19.3	19.2	18.6	18.8	-	14.4	14.4	14.1	14.3	-
Transportation services	47	345.8	344.9	350.5	349.9	-	272.6	271.4	275.9	274.4	-
Passenger transportation arrangement	472	184.1	184.0	188.7	188.7	-	142.7	143.0	147.1	146.9	-
Travel agencies	4724	147.1	146.8	148.5	148.5	-	113.3	113.4	115.0	114.7	-
Freight transportation arrangement	473	131.4	131.0	129.8	129.8	-	104.8	103.7	102.5	101.8	-
Communications and public utilities		2,249	2,247	2,217	2,217	2,214	-	-	-	-	-
Communications	48	1,286.0	1,284.7	1,261.6	1,263.9	-	981.3	981.5	972.2	975.6	-
Telephone communications	481	894.1	892.4	872.3	873.6	-	660.8	660.7	651.0	653.4	-
Radio and television broadcasting	483	228.7	228.2	224.7	225.3	-	190.4	190.0	187.6	187.8	-
Radio broadcasting stations	4832	116.7	116.3	113.2	113.6	-	-	-	-	-	-
Television broadcasting stations	4833	112.0	111.9	111.5	111.7	-	-	-	-	-	-
Cable and other pay television services	484	129.3	130.1	131.0	131.2	-	109.3	110.1	111.4	111.4	-
Electric, gas, and sanitary services	49	963.3	961.9	955.0	953.3	-	760.3	758.5	751.4	750.1	-
Electric services	491	446.5	445.8	439.3	438.6	-	345.1	344.4	340.3	340.4	-
Gas production and distribution	492	165.6	164.8	160.9	160.7	-	129.9	128.8	125.0	124.7	-
Combination utility services	493	193.7	194.0	193.0	192.9	-	152.0	151.9	149.3	148.6	-
Sanitary services	495	126.4	126.5	130.4	129.6	-	109.0	109.3	112.2	111.9	-
Wholesale trade		6,050	6,028	5,995	5,992	5,973	4,849	4,829	4,827	4,828	4,804
Durable goods	50	3,491	3,480	3,427	3,427	3,417	2,763	2,754	2,725	2,727	-
Motor vehicles, parts, and supplies	501	442.8	441.0	437.7	437.4	-	355.4	353.8	351.9	351.1	-
Automobiles and other motor vehicles	5012	112.3	111.9	109.4	110.1	-	-	-	-	-	-
Motor vehicle supplies and new parts	5013	262.1	261.4	259.9	259.3	-	-	-	-	-	-
Furniture and home furnishings	502	141.3	140.5	140.4	142.3	-	112.3	111.7	111.0	113.1	-
Furniture	5021	63.7	63.0	61.9	62.7	-	-	-	-	-	-
Home furnishings	5023	77.6	77.5	78.5	79.6	-	-	-	-	-	-
Lumber and other construction materials	503	210.2	208.2	214.9	214.1	-	168.8	166.5	174.3	174.0	-
Lumber, plywood, and millwork	5031	108.6	108.0	111.4	111.3	-	-	-	-	-	-
Construction materials, nec	5039	38.5	38.5	39.5	39.4	-	-	-	-	-	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Wholesale trade—Continued											
Durable goods—Continued											
Professional and commercial equipment	504	769.5	769.4	732.0	731.3	-	619.9	619.3	590.1	590.2	-
Computers, peripherals and software	5045	298.7	299.1	269.5	268.5	-	-	-	-	-	-
Medical and hospital equipment	5047	139.5	140.2	142.1	143.0	-	114.6	114.8	116.5	117.3	-
Metals and minerals, except petroleum	505	131.9	130.5	129.4	129.3	-	103.8	102.5	102.6	102.6	-
Electrical goods	506	471.2	471.2	467.3	468.7	-	355.5	355.8	359.7	361.3	-
Electrical apparatus and equipment	5063	195.3	195.8	194.3	195.6	-	-	-	-	-	-
Electrical appliances, television and radio sets	5064	54.8	55.1	52.3	52.2	-	-	-	-	-	-
Electronic parts and equipment	5065	221.1	220.3	220.7	220.9	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	267.5	266.4	265.0	265.7	-	213.0	211.8	211.8	212.4	-
Hardware	5072	91.8	91.7	90.5	90.9	-	-	-	-	-	-
Plumbing and hydronic heating supplies	5074	111.1	110.4	108.6	109.1	-	-	-	-	-	-
Machinery, equipment, and supplies	508	763.1	760.4	750.4	748.0	-	600.9	599.0	591.8	589.2	-
Construction and mining machinery	5082	74.3	73.9	72.6	72.2	-	-	-	-	-	-
Farm and garden machinery	5083	112.9	112.5	113.0	111.8	-	-	-	-	-	-
Industrial machinery and equipment	5084	311.3	310.4	304.2	303.7	-	-	-	-	-	-
Industrial supplies	5085	144.6	144.5	142.0	142.5	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	293.1	292.7	289.4	290.0	-	233.4	234.0	232.2	232.9	-
Scrap and waste materials	5093	107.1	105.3	104.7	104.4	-	-	-	-	-	-
Nondurable goods	51	2,559	2,548	2,568	2,565	2,556	2,086	2,075	2,102	2,101	-
Paper and paper products	511	241.7	242.1	240.0	242.3	-	195.2	195.5	193.7	195.8	-
Drugs, proprietaries, and sundries	512	188.7	188.2	191.2	192.4	-	158.0	157.3	159.0	160.1	-
Apparel, piece goods, and notions	513	201.6	198.1	203.3	202.0	-	158.7	155.3	161.7	160.7	-
Groceries and related products	514	851.3	848.3	857.0	858.4	-	712.1	709.3	720.5	722.2	-
Groceries, general line	5141	270.4	270.7	270.3	270.9	-	-	-	-	-	-
Meats and meat products	5147	61.6	62.3	62.1	63.1	-	-	-	-	-	-
Fresh fruits and vegetables	5148	97.3	96.4	98.8	95.8	-	-	-	-	-	-
Farm-product raw materials	515	120.1	118.4	122.3	119.0	-	99.0	97.4	100.8	97.7	-
Chemicals and allied products	516	133.1	132.9	125.0	125.8	-	98.6	98.4	94.3	95.0	-
Petroleum and petroleum products	517	187.1	186.8	182.3	182.1	-	150.1	149.9	146.5	146.4	-
Petroleum bulk stations and terminals	5171	79.3	79.2	77.5	77.1	-	-	-	-	-	-
Petroleum products, nec	5172	107.8	107.6	104.8	105.0	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	148.3	148.3	150.4	150.8	-	120.9	120.8	122.2	122.8	-
Beer and ale	5181	95.1	94.8	97.9	97.7	-	-	-	-	-	-
Wine and distilled beverages	5182	53.2	53.5	52.5	53.1	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	487.0	484.8	496.3	492.6	-	393.7	391.1	403.3	399.8	-
Farm supplies	5191	150.1	148.6	159.2	154.3	-	-	-	-	-	-
Retail trade		19,451	19,697	19,165	19,431	19,714	17,163	17,400	16,873	17,137	17,404
Building materials and garden supplies	52	740.5	736.6	767.2	757.8	-	608.3	603.8	632.8	623.7	-
Lumber and other building materials	521	414.6	410.0	434.5	428.6	-	347.0	341.9	366.0	359.9	-
Hardware stores	525	157.2	158.0	159.2	158.4	-	128.6	129.3	130.2	129.6	-
Retail nurseries and garden stores	526	74.8	75.5	76.8	75.1	-	59.9	60.7	61.5	60.0	-
General merchandise stores	53	2,530.6	2,614.0	2,301.2	2,418.6	2,495.2	2,378.5	2,460.8	2,149.8	2,267.6	-
Department stores	531	2,132.9	2,191.8	1,925.3	2,022.3	-	2,023.4	2,081.3	1,814.5	1,911.9	-
Variety stores	533	167.7	176.8	164.0	170.2	-	151.8	160.6	148.0	154.0	-
Miscellaneous general merchandise stores	539	230.0	245.4	211.9	226.1	-	203.3	218.9	187.3	201.7	-
Food stores	54	3,223.9	3,245.0	3,179.5	3,202.8	3,233.8	2,946.2	2,966.6	2,899.9	2,923.3	-
Grocery stores	541	2,871.2	2,875.6	2,829.1	2,841.0	-	2,639.2	2,642.7	2,596.8	2,609.4	-
Meat and fish markets	542	51.5	54.4	51.3	53.2	-	-	-	-	-	-
Dairy products stores	545	24.3	25.1	21.7	22.2	-	-	-	-	-	-
Retail bakeries	546	167.7	169.9	170.7	173.4	-	149.6	152.4	152.4	154.8	-
Automotive dealers and service stations	55	1,997.8	1,984.4	2,028.7	2,027.1	2,026.6	1,659.6	1,646.7	1,686.0	1,682.6	-
New and used car dealers	551	890.4	884.4	915.9	917.4	-	736.7	731.2	760.7	762.0	-
Auto and home supply stores	553	340.4	337.6	345.8	346.1	-	270.6	267.2	274.4	273.4	-
Gasoline service stations	554	620.8	617.9	615.0	613.4	-	537.4	534.6	530.3	528.8	-
Automotive dealers, nec	559	8.9	8.9	8.8	8.7	-	7.3	7.3	7.3	7.2	-
Apparel and accessory stores	56	1,190.6	1,255.6	1,119.8	1,173.5	-	985.8	1,047.0	926.6	981.1	-
Men's and boys' clothing stores	561	92.6	99.0	86.9	89.2	-	75.3	81.7	70.5	72.7	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Retail trade—Continued											
Apparel and accessory stores—Continued											
Women's clothing stores	562	393.0	415.1	374.6	391.6	-	325.1	346.5	309.2	327.0	-
Family clothing stores	565	320.7	340.5	294.7	321.5	-	277.8	298.0	253.9	280.9	-
Shoe stores	566	212.4	222.7	203.8	206.1	-	163.6	170.9	160.9	163.0	-
Furniture and home furnishings stores	57	815.1	829.1	799.2	814.8	-	663.4	677.8	649.7	663.7	-
Furniture and home furnishings stores	571	443.8	444.8	447.2	451.2	-	358.9	360.2	363.2	366.6	-
Furniture stores	5712	266.3	267.6	269.8	271.2	-	-	-	-	-	-
Household appliance stores	572	75.6	75.9	66.7	67.1	-	61.2	61.7	54.0	54.5	-
Radio, television, and computer stores	573	295.7	308.4	285.3	296.5	-	243.3	255.9	232.5	242.6	-
Radio, television, and electronic stores	5731	123.4	127.2	117.1	122.8	-	103.8	107.5	96.6	101.6	-
Record and prerecorded tape stores	5735	68.0	74.8	63.9	68.3	-	56.6	63.5	52.3	56.3	-
Eating and drinking places	58	6,404.5	6,397.1	6,493.2	6,496.5	6,515.0	5,783.5	5,777.2	5,873.5	5,875.1	-
Miscellaneous retail establishments	59	2,547.9	2,635.4	2,475.7	2,539.6	-	2,137.7	2,220.1	2,055.0	2,119.8	-
Drug stores and proprietary stores	591	617.5	626.8	610.9	615.7	-	516.4	523.7	505.7	510.8	-
Liquor stores	592	119.0	120.6	120.5	120.8	-	-	-	-	-	-
Used merchandise stores	593	74.8	74.2	75.7	74.9	-	62.8	61.9	63.7	62.8	-
Miscellaneous shopping goods stores	594	925.7	993.6	886.3	931.0	-	778.1	844.8	736.2	780.0	-
Sporting goods and bicycle shops	5941	160.6	166.8	166.0	169.3	-	-	-	-	-	-
Book stores	5942	99.2	102.7	96.6	98.2	-	-	-	-	-	-
Stationery stores	5943	76.3	78.1	76.2	75.9	-	-	-	-	-	-
Jewelry stores	5944	148.1	157.3	133.7	140.9	-	-	-	-	-	-
Gift, novelty, and souvenir shops	5947	197.2	205.0	194.0	196.3	-	-	-	-	-	-
Sewing, needlework, and piece goods	5949	66.7	67.8	65.2	66.9	-	-	-	-	-	-
Nonstore retailers	596	292.4	288.1	266.7	274.8	-	256.0	251.8	229.1	238.5	-
Catalog and mail-order houses	5961	169.3	167.0	154.3	162.6	-	-	-	-	-	-
Merchandising machine operators	5962	74.4	73.4	69.8	70.0	-	-	-	-	-	-
Fuel dealers	598	103.3	104.4	100.1	102.2	-	86.0	86.9	82.7	84.7	-
Retail stores, nec	599	415.2	427.7	415.5	420.2	-	341.6	352.7	340.5	345.5	-
Finance, insurance, and real estate³		6,643	6,655	6,657	6,648	6,662	4,787	4,793	4,811	4,805	4,825
Finance		3,197	3,205	3,231	3,238	3,252	-	-	-	-	-
Depository institutions	60	2,165.6	2,168.8	2,158.2	2,161.1	-	1,562.9	1,566.0	1,559.1	1,562.6	-
Commercial banks	602	1,523.4	1,525.3	1,506.5	1,507.3	-	1,079.8	1,081.8	1,068.6	1,069.7	-
State commercial banks	6022	639.6	640.5	640.4	640.3	-	-	-	-	-	-
Savings institutions	603	390.1	390.2	394.5	396.2	-	-	-	-	-	-
Federal savings institutions	6035	205.1	205.1	205.9	206.6	-	-	-	-	-	-
Savings institutions, except federal	6036	185.0	185.1	188.6	189.6	-	-	-	-	-	-
Credit unions	606	136.4	137.2	141.8	142.1	-	108.6	109.0	112.3	112.8	-
Nondepository institutions	61	381.1	384.7	393.7	396.0	-	279.8	282.8	295.2	297.2	-
Personal credit institutions	614	130.0	130.5	126.4	126.9	-	97.4	97.7	94.0	94.5	-
Business credit institutions	615	84.2	84.7	83.4	83.4	-	-	-	-	-	-
Mortgage bankers and brokers	616	154.7	157.2	171.0	172.7	-	-	-	-	-	-
Security and commodity brokers	62	422.3	423.2	443.9	444.6	-	-	-	-	-	-
Security brokers and dealers	621	317.1	318.2	337.8	338.5	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges	622,3	22.1	22.3	20.7	20.7	-	-	-	-	-	-
Security and commodity services	628	83.1	82.7	85.4	85.4	-	53.5	53.4	55.3	55.0	-
Holding and other investment offices	67	227.8	227.9	234.8	235.9	-	-	-	-	-	-
Holding offices	671	107.9	108.4	107.8	107.7	-	-	-	-	-	-
Insurance	63,64	2,151	2,157	2,124	2,123	2,122	-	-	-	-	-
Insurance carriers	63	1,483.4	1,490.0	1,470.2	1,468.7	-	995.1	998.4	998.5	999.3	-
Life insurance	631	556.8	563.0	547.2	544.3	-	333.0	336.6	335.8	334.7	-
Medical service and health insurance	632	259.0	260.2	261.6	263.0	-	211.4	211.9	213.4	215.0	-
Fire, marine, and casualty insurance	633	556.4	554.8	544.2	543.9	-	362.4	361.0	353.5	353.4	-
Title insurance	636	55.1	55.9	60.8	61.1	-	-	-	-	-	-
Insurance agents, brokers, and service	64	667.5	666.7	654.0	654.0	-	-	-	-	-	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Finance, insurance, and real estate—Continued											
Real estate	65	1,295	1,293	1,302	1,287	1,288	-	-	-	-	-
Real estate operators and lessors	651	564.5	568.5	571.6	567.1	-	-	-	-	-	
Real estate agents and managers	653	568.3	566.7	567.4	560.8	-	-	-	-	-	
Subdividers and developers	655	132.3	127.4	130.5	126.1	-	-	-	-	-	
Services		28,517	28,471	29,269	29,183	29,165	24,886	24,840	25,590	25,498	25,469
Agricultural services	07	478.8	442.2	498.6	473.8	-	397.7	364.0	417.2	393.7	-
Hotels and other lodging places	70	1,546.4	1,538.0	1,591.3	1,555.8	-	-	-	-	-	-
Hotels and motels	701	1,505.1	1,499.5	1,549.0	1,516.7	-	1,326.7	1,321.3	1,369.0	1,336.8	-
Personal services	72	1,094.1	1,101.5	1,089.0	1,091.8	-	-	-	-	-	-
Laundry, cleaning, and garment services	721	415.6	414.8	416.8	417.1	-	367.2	366.4	367.7	368.3	-
Photographic studios, portrait	722	82.8	79.8	88.4	87.5	-	-	-	-	-	-
Beauty shops	723	388.1	388.7	383.3	386.5	-	348.7	349.1	343.0	345.7	-
Funeral service and crematories	726	84.2	84.4	84.7	84.9	-	-	-	-	-	-
Miscellaneous personal services	729	103.2	113.9	97.3	97.4	-	85.5	95.5	80.9	82.1	-
Business services	73	5,178.8	5,163.0	5,493.0	5,479.9	5,479.8	4,558.0	4,540.7	4,868.7	4,855.3	-
Advertising	731	226.3	226.2	232.2	232.6	-	159.2	158.8	165.1	166.0	-
Advertising agencies	7311	158.7	156.3	159.3	159.3	-	-	-	-	-	-
Credit reporting and collection	732	107.3	107.0	109.8	110.8	-	-	-	-	-	-
Mailing, reproduction, and stenographic services	733	236.8	237.6	247.9	249.8	-	-	-	-	-	-
Photocopying and duplicating services	7334	47.4	47.3	49.2	49.2	-	39.0	38.9	40.4	40.3	-
Services to buildings	734	787.5	783.5	788.4	785.7	-	707.9	703.8	706.5	705.5	-
Miscellaneous equipment rental and leasing	735	202.0	198.4	202.7	200.7	-	161.0	158.3	163.4	161.2	-
Heavy construction equipment rental	7353	43.9	42.6	41.5	41.3	-	36.1	35.0	35.0	34.7	-
Personnel supply services	736	1,573.6	1,565.1	1,819.5	1,803.0	-	-	-	-	-	-
Employment agencies	7361	222.6	219.5	229.9	231.1	-	-	-	-	-	-
Help supply services	7363	1,351.0	1,345.6	1,589.6	1,571.9	-	1,305.6	1,300.3	1,541.2	1,522.7	-
Computer and data processing services	737	798.2	803.3	823.8	827.7	-	634.8	638.8	661.0	664.6	-
Computer programming services	7371	155.4	155.9	160.8	161.5	-	124.8	125.2	131.2	131.7	-
Prepackaged software	7372	129.1	130.7	134.3	134.9	-	-	-	-	-	-
Computer integrated systems design	7373	100.5	101.1	105.7	105.8	-	81.0	80.6	81.2	80.7	-
Data processing and preparation	7374	194.9	196.1	199.5	201.8	-	-	-	-	-	-
Information retrieval services	7375	45.7	46.2	48.2	48.4	-	36.1	36.6	37.6	38.3	-
Computer maintenance and repair	7378	41.6	41.8	40.3	40.1	-	34.9	35.1	34.6	34.4	-
Miscellaneous business services	738	1,247.1	1,241.9	1,268.7	1,269.6	-	1,102.2	1,096.3	1,122.5	1,123.9	-
Detective and armored car services	7381	473.4	473.0	484.6	488.9	-	442.6	441.8	452.5	457.1	-
Security systems services	7382	38.7	38.6	38.1	38.4	-	32.7	32.4	32.4	32.8	-
Photofinishing laboratories	7384	82.7	81.4	80.0	79.6	-	-	-	-	-	-
Auto repair, services, and parking	75	883.4	877.4	880.0	881.6	-	726.6	721.0	720.4	721.8	-
Automotive rentals, without drivers	751	161.4	159.9	162.9	164.2	-	-	-	-	-	-
Automobile parking	752	62.5	61.4	60.3	61.1	-	56.3	55.2	53.7	54.6	-
Automotive repair shops	753	498.0	494.5	491.7	492.3	-	403.9	400.6	396.4	397.0	-
Miscellaneous repair services	76	335.1	333.5	331.5	328.7	-	272.3	270.8	270.7	268.2	-
Electrical repair shops	762	109.1	109.2	108.7	108.3	-	-	-	-	-	-
Motion pictures	78	400.9	401.9	390.4	392.8	-	327.7	329.1	318.7	321.1	-
Motion picture production and services	781	154.1	148.0	158.8	159.0	-	121.4	116.0	125.4	125.6	-
Motion picture theaters	783	102.7	106.7	95.3	95.6	-	-	-	-	-	-
Amusement and recreation services	79	996.2	1,010.8	1,071.1	1,014.3	-	864.1	877.9	939.7	876.9	-
Bowling centers	793	95.5	95.7	94.1	94.6	-	85.9	86.0	84.4	85.0	-
Misc. amusement and recreation services	799	653.0	677.7	721.8	666.5	-	563.9	586.6	633.9	578.8	-
Physical fitness facilities	7991	117.1	116.8	113.8	115.4	-	103.7	103.2	101.4	103.0	-
Membership sports and recreation clubs	7997	251.3	251.3	270.4	254.7	-	218.1	218.0	235.1	220.1	-
Health services	80	8,305.3	8,338.9	8,535.2	8,557.3	8,580.0	7,383.7	7,414.3	7,583.3	7,602.9	-
Offices and clinics of medical doctors	801	1,416.0	1,421.5	1,455.4	1,455.0	-	1,162.0	1,167.1	1,192.4	1,191.5	-
Offices and clinics of dentists	802	533.5	537.0	539.7	540.5	-	468.1	471.1	472.5	472.9	-
Offices and clinics of other health practitioners	804	308.1	307.9	313.8	313.2	-	253.9	254.2	255.6	254.7	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Services—Continued											
Health services—Continued											
Nursing and personal care facilities	805	1,528.2	1,532.6	1,570.9	1,577.3	-	1,379.6	1,384.2	1,419.6	1,425.1	-
Skilled nursing care facilities	8051	1,094.6	1,098.0	1,124.5	1,129.7	-	-	-	-	-	
Intermediate care facilities	8052	214.8	215.3	221.2	221.6	-	193.0	193.7	199.2	199.6	
Nursing and personal care, nec	8059	218.8	219.3	225.2	226.0	-	-	-	-	-	
Hospitals	806	3,696.9	3,711.4	3,771.3	3,778.8	-	3,393.7	3,406.0	3,460.9	3,469.0	
General medical and surgical hospitals	8062	3,398.2	3,412.1	3,470.9	3,476.7	-	-	-	-	-	
Psychiatric hospitals	8063	103.2	103.1	98.3	99.1	-	-	-	-	-	
Specialty hospitals, excluding psychiatric	8069	195.5	196.2	202.1	203.0	-	-	-	-	-	
Medical and dental laboratories	807	174.7	175.5	179.0	178.7	-	-	-	-	-	
Home health care services	808	359.4	362.0	400.5	406.4	-	332.9	334.9	370.7	376.3	
Legal services	81	909.5	908.4	901.0	903.3	-	738.2	736.8	727.3	729.0	
Educational services	82	1,862.8	1,820.4	1,834.3	1,852.2	-	-	-	-	-	
Elementary and secondary schools	821	508.1	506.7	507.1	511.8	-	-	-	-	-	
Colleges and universities	822	1,153.2	1,116.4	1,124.0	1,139.1	-	-	-	-	-	
Vocational schools	824	80.9	80.2	79.6	80.6	-	-	-	-	-	
Social services	83	1,893.4	1,896.7	1,987.5	1,999.4	-	-	-	-	-	
Individual and family services	832	508.6	511.3	532.4	536.0	-	-	-	-	-	
Job training and related services	833	249.0	247.6	261.6	262.2	-	-	-	-	-	
Child day care services	835	440.6	439.3	473.0	476.3	-	390.0	388.6	419.4	422.1	
Residential care	836	513.5	517.6	537.8	541.3	-	-	-	-	-	
Museums and botanical and zoological gardens	84	66.4	66.6	72.0	68.4	-	-	-	-	-	
Membership organizations	86	1,991.5	1,996.9	1,997.4	1,992.2	-	-	-	-	-	
Business associations	861	98.8	98.5	98.5	97.8	-	-	-	-	-	
Professional organizations	862	53.4	53.8	53.5	53.8	-	38.6	39.1	38.1	38.4	
Labor organizations	863	136.0	138.5	123.1	121.2	-	-	-	-	-	
Civic and social associations	864	408.1	411.3	419.2	419.9	-	-	-	-	-	
Engineering and management services	87	2,408.7	2,409.4	2,429.8	2,425.5	-	1,831.2	1,831.2	1,845.2	1,843.7	
Engineering and architectural services	871	735.5	732.8	737.1	735.8	-	602.9	600.3	602.3	602.2	
Engineering services	8711	575.3	573.3	578.8	577.7	-	476.8	474.7	476.9	477.0	
Architectural services	8712	115.9	115.6	113.6	113.3	-	90.1	89.8	88.4	88.3	
Surveying services	8713	44.3	43.9	44.7	44.8	-	36.0	35.8	37.0	36.9	
Accounting, auditing, and bookkeeping	872	505.2	508.5	506.4	501.9	-	371.7	374.0	363.0	359.5	
Research and testing services	873	557.0	555.1	559.0	561.6	-	409.5	407.9	416.0	417.9	
Commercial physical research	8731	242.5	243.5	242.0	242.5	-	-	-	-	-	
Noncommercial research organizations	8733	140.6	140.1	141.3	142.4	-	-	-	-	-	
Management and public relations	874	611.0	613.0	627.3	626.2	-	447.1	449.0	463.9	464.1	
Public relations services	8743	29.8	29.6	28.5	28.2	-	21.4	21.4	20.6	20.3	
Services, nec	89	38.2	38.3	39.1	38.5	-	30.0	30.1	30.6	30.2	
Government		18,814	18,754	18,870	19,082	18,968	-	-	-	-	
Federal Government ⁴		2,967	2,977	2,930	2,927	2,938	-	-	-	-	
Executive, by agency ⁵		2,902.6	2,912.3	2,863.6	-	-	-	-	-	-	
Department of Defense		921.6	921.9	902.2	-	-	-	-	-	-	
Postal Service ⁵		801.2	816.4	770.3	-	-	-	-	-	-	
Other executive agencies		1,179.8	1,174.0	1,191.1	-	-	-	-	-	-	
Legislative		38.6	38.5	38.4	-	-	-	-	-	-	
Judicial		25.7	26.0	27.6	-	-	-	-	-	-	
Federal Government, by industry:											
Manufacturing activities		104.9	104.1	100.9	100.7	-	-	-	-	-	
Ship building and repairing	3731	60.1	59.8	57.6	57.4	-	-	-	-	-	
Transportation and public utilities, except Postal											
Service		32.4	30.6	29.2	29.1	-	-	-	-	-	
Services		397.1	396.2	400.4	399.6	-	-	-	-	-	
Hospitals	806	236.4	236.6	238.9	239.1	-	-	-	-	-	

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Government—Continued											
State government		4,470	4,423	4,491	4,513	4,475	-	-	-	-	-
Hospitals	806	411.5	410.9	410.1	411.1	-	-	-	-	-	
Education	82	1,918.5	1,879.9	1,911.8	1,940.5	-	-	-	-	-	
General administration, including executive, legislative, and judicial functions		1,658.4	1,653.0	1,681.3	1,674.2	-	-	-	-	-	
Local government		11,377	11,354	11,449	11,642	11,555	-	-	-	-	
Transportation and public utilities		439.7	439.7	437.6	437.5	-	-	-	-	-	
Hospitals	806	668.5	670.4	696.6	698.9	-	-	-	-	-	
Education	82	6,459.2	6,452.2	6,462.1	6,577.9	-	-	-	-	-	
General administration, including executive, legislative, and judicial functions		3,458.9	3,447.1	3,481.6	3,558.1	-	-	-	-	-	

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

² 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 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1991 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. 1991	Oct. 1991	Aug. 1992	Sept. 1992	Oct. 1992
Total	51,998	52,406	51,576	52,345	52,776
Total private	42,335	42,359	42,421	42,467	42,540
Goods-producing	6,781	6,760	6,659	6,647	6,619
Mining	97	96	92	90	90
Construction	544	541	537	534	532
Manufacturing	6,140	6,123	6,030	6,023	5,997
Durable goods	2,830	2,828	2,746	2,748	2,742
Lumber and wood products	110	110	114	113	113
Furniture and fixtures	145	145	141	141	142
Stone, clay, and glass products	107	107	107	106	106
Primary metal industries	99	98	95	94	93
Fabricated metal products	302	301	295	295	295
Industrial machinery and equipment	434	432	421	422	422
Electronic and other electrical equipment	672	672	652	653	653
Transportation equipment	386	386	367	367	364
Instruments and related products	404	403	388	386	384
Miscellaneous manufacturing	172	174	168	170	171
Nondurable goods	3,310	3,295	3,284	3,275	3,255
Food and kindred products	588	564	581	575	557
Tobacco products	18	18	18	19	18
Textile mill products	330	330	327	328	324
Apparel and other textile products	803	810	791	789	792
Paper and allied products	169	169	170	169	168
Printing and publishing	673	674	665	667	668
Chemicals and allied products	328	329	336	333	333
Petroleum and coal products	27	26	26	25	25
Rubber and misc. plastics products	302	304	300	300	301
Leather and leather products	72	72	70	70	70
Service-producing	45,217	45,646	44,917	45,698	46,157
Transportation and public utilities	1,707	1,709	1,670	1,700	1,703
Wholesale trade	1,863	1,866	1,829	1,831	1,838
Retail trade	10,292	10,249	10,203	10,167	10,155
Finance, insurance, and real estate	4,223	4,212	4,254	4,230	4,219
Services	17,469	17,563	17,806	17,892	18,006
Government	9,663	10,047	9,155	9,878	10,236
Federal	1,228	1,225	1,229	1,224	1,213
State	2,121	2,213	2,055	2,161	2,241
Local	6,314	6,609	5,871	6,493	6,782

NOTE: Establishment survey estimates are currently projected from March 1991 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1991 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	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Total	108,154	108,100	108,142	108,200	108,377	108,496	108,423	108,594	108,485	108,497	108,571	108,647	108,711
Total private	89,704	89,643	89,681	89,693	89,835	89,950	89,885	89,988	89,803	89,847	89,948	89,961	90,047
Goods-producing	23,584	23,527	23,525	23,532	23,530	23,548	23,470	23,459	23,362	23,296	23,270	23,277	23,273
Mining	663	657	653	651	646	641	634	633	626	620	623	622	620
Oil and gas extraction	376	372	368	366	363	358	350	348	345	340	345	345	345
Construction	4,592	4,587	4,582	4,603	4,605	4,632	4,600	4,584	4,591	4,574	4,601	4,584	4,579
General building contractors	1,121	1,125	1,123	1,115	1,108	1,101	1,093	1,096	1,100	1,097	1,098	1,093	1,090
Manufacturing	18,329	18,283	18,290	18,278	18,279	18,275	18,236	18,242	18,145	18,102	18,046	18,071	18,074
Durable goods	10,466	10,422	10,430	10,417	10,409	10,398	10,371	10,347	10,298	10,271	10,231	10,248	10,243
Lumber and wood products	679	680	686	689	688	687	684	683	682	683	689	694	696
Furniture and fixtures	467	466	464	465	467	487	469	470	465	461	461	462	462
Stone, clay, and glass products	520	517	517	518	520	522	521	521	520	520	518	518	519
Primary metal industries	714	711	710	710	708	707	706	702	701	699	695	697	695
Blast furnaces and basic steel products	259	258	258	258	257	256	255	253	252	252	250	251	249
Fabricated metal products	1,347	1,344	1,342	1,342	1,341	1,343	1,338	1,335	1,334	1,330	1,323	1,324	1,322
Industrial machinery and equipment	1,958	1,954	1,950	1,948	1,949	1,959	1,954	1,947	1,941	1,943	1,935	1,935	1,935
Electronic and other electrical equipment	1,574	1,570	1,564	1,580	1,557	1,554	1,549	1,545	1,536	1,538	1,534	1,537	1,537
Transportation equipment	1,878	1,850	1,872	1,863	1,859	1,842	1,836	1,829	1,816	1,797	1,782	1,789	1,787
Motor vehicles and equipment	811	787	818	814	821	813	814	818	814	803	802	817	821
Instruments and related products	962	963	959	956	952	949	946	943	938	935	930	926	922
Miscellaneous manufacturing	387	367	366	366	368	368	368	372	365	365	364	366	368
Nondurable goods	7,863	7,861	7,860	7,861	7,870	7,877	7,865	7,895	7,847	7,831	7,815	7,823	7,831
Food and kindred products	1,671	1,672	1,671	1,671	1,677	1,678	1,671	1,685	1,672	1,661	1,661	1,665	1,669
Tobacco products	49	50	50	49	50	49	49	49	51	50	49	47	48
Textile mill products	679	678	681	682	682	679	680	682	675	677	672	675	677
Apparel and other textile products	1,026	1,024	1,025	1,025	1,023	1,026	1,023	1,034	1,013	1,007	1,004	1,006	1,002
Paper and allied products	687	687	686	687	689	691	689	689	687	692	686	688	689
Printing and publishing	1,527	1,524	1,519	1,519	1,521	1,522	1,520	1,522	1,521	1,523	1,520	1,519	1,520
Chemicals and allied products	1,072	1,073	1,073	1,071	1,072	1,073	1,073	1,070	1,072	1,069	1,069	1,068	1,069
Petroleum and coal products	158	158	156	157	157	156	155	154	153	152	152	152	151
Rubber and misc. plastics products	870	871	874	877	876	880	883	884	880	877	877	881	884
Leather and leather products	124	124	123	123	123	123	122	126	123	123	123	122	122
Service-producing	84,570	84,573	84,617	84,668	84,647	84,948	84,953	85,135	85,123	85,201	85,301	85,370	85,438
Transportation and public utilities	5,758	5,746	5,753	5,754	5,746	5,745	5,745	5,742	5,729	5,738	5,731	5,733	5,737
Transportation	3,511	3,512	3,518	3,524	3,523	3,522	3,524	3,524	3,514	3,520	3,516	3,516	3,523
Communications and public utilities	2,247	2,234	2,235	2,230	2,223	2,223	2,221	2,218	2,215	2,218	2,215	2,217	2,214
Wholesale trade	6,021	6,010	6,003	5,997	5,993	5,993	5,988	5,972	5,964	5,957	5,969	5,974	5,967
Durable goods	3,476	3,467	3,458	3,453	3,451	3,452	3,444	3,435	3,423	3,419	3,424	3,424	3,414
Nondurable goods	2,545	2,543	2,545	2,544	2,542	2,541	2,544	2,537	2,541	2,538	2,545	2,550	2,553
Retail trade	19,112	19,118	19,143	19,092	19,177	19,150	19,156	19,184	19,106	19,122	19,146	19,125	19,140
General merchandise stores	2,352	2,340	2,353	2,344	2,338	2,334	2,318	2,306	2,296	2,296	2,285	2,265	2,248
Food stores	3,178	3,176	3,179	3,179	3,194	3,188	3,192	3,179	3,169	3,176	3,170	3,165	3,170
Automotive dealers and service stations	1,996	1,995	1,999	2,004	2,007	2,007	2,011	2,012	2,013	2,012	2,017	2,025	2,039
Eating and drinking places	6,443	6,450	6,451	6,431	6,470	6,462	6,473	6,502	6,463	6,494	6,513	6,536	6,561
Finance, insurance, and real estate	6,670	6,665	6,673	6,675	6,682	6,681	6,672	6,660	6,661	6,669	6,680	6,669	6,677
Finance	3,205	3,209	3,220	3,224	3,230	3,234	3,232	3,228	3,227	3,238	3,244	3,244	3,252
Insurance	2,159	2,153	2,151	2,149	2,149	2,144	2,138	2,135	2,133	2,132	2,133	2,129	2,124
Real estate	1,306	1,303	1,302	1,302	1,303	1,303	1,302	1,297	1,301	1,299	1,303	1,296	1,301
Services	28,559	28,577	28,584	28,643	28,707	28,833	28,854	28,971	28,981	29,065	29,152	29,183	29,253
Business services	5,140	5,122	5,140	5,174	5,233	5,278	5,292	5,300	5,319	5,322	5,406	5,426	5,458
Health services	8,340	8,354	8,373	8,387	8,412	8,437	8,446	8,478	8,488	8,508	8,535	8,557	8,580
Government	18,450	18,457	18,461	18,507	18,542	18,546	18,538	18,606	18,682	18,650	18,623	18,686	18,664
Federal	2,983	2,981	2,981	2,989	2,986	2,964	2,972	2,957	2,959	2,967	2,942	2,942	2,944
State	4,342	4,347	4,346	4,345	4,360	4,367	4,357	4,388	4,383	4,401	4,390	4,386	4,392
Local	11,125	11,129	11,134	11,173	11,196	11,195	11,209	11,261	11,340	11,282	11,291	11,358	11,328

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1991

benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1988 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	1991			1992									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Total	52,039	52,012	52,049	52,055	52,075	52,093	52,216	52,271	52,283	52,464	52,399	52,370	52,412
Total private	42,186	42,145	42,160	42,159	42,171	42,159	42,253	42,305	42,294	42,384	42,312	42,308	42,370
Goods-producing	6,690	6,688	6,681	6,665	6,656	6,658	6,651	6,648	6,628	6,642	6,587	6,568	6,549
Mining	96	96	96	95	94	95	94	93	92	91	90	90	90
Construction	533	531	529	527	527	528	527	527	526	525	525	525	524
Manufacturing	6,061	6,061	6,056	6,043	6,035	6,035	6,030	6,028	6,010	6,026	5,972	5,953	5,935
Durable goods	2,809	2,805	2,800	2,791	2,784	2,783	2,776	2,771	2,763	2,759	2,739	2,734	2,723
Lumber and wood products	109	109	110	110	111	111	111	112	111	110	111	112	112
Furniture and fixtures	143	143	143	143	143	143	143	142	143	143	141	140	140
Stone, clay, and glass products	106	105	105	105	105	105	105	105	106	106	105	104	105
Primary metal industries	97	96	96	95	95	95	94	95	95	95	94	93	92
Fabricated metal products	298	298	297	297	297	297	297	297	296	295	294	293	292
Industrial machinery and equipment	432	431	428	429	426	427	427	428	426	426	422	424	422
Electronic and other electrical equipment	669	669	668	666	663	662	660	658	656	654	651	651	649
Transportation equipment	384	384	384	379	379	379	376	373	372	370	368	365	363
Instruments and related products	402	401	399	398	397	396	394	392	390	390	387	386	383
Miscellaneous manufacturing	169	169	170	169	168	168	169	169	168	170	166	166	165
Nondurable goods	3,252	3,256	3,256	3,252	3,251	3,252	3,254	3,257	3,247	3,267	3,233	3,219	3,212
Food and kindred products	539	538	540	542	541	542	545	546	542	550	542	530	532
Tobacco products	17	16	16	17	16	17	17	16	16	16	17	17	17
Textile mill products	327	327	328	327	328	328	328	326	327	327	324	324	321
Apparel and other textile products	800	805	804	801	802	803	799	801	798	807	789	784	782
Paper and allied products	168	167	167	167	167	167	168	169	168	167	167	168	167
Printing and publishing	675	674	673	671	669	669	670	672	669	671	668	671	669
Chemicals and allied products	329	330	329	330	330	330	331	331	332	332	332	332	333
Petroleum and coal products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Rubber and misc. plastics products	301	302	302	301	302	301	300	301	302	302	300	299	298
Leather and leather products	70	71	71	70	70	69	70	69	68	70	69	69	68
Service-producing	45,349	45,324	45,368	45,390	45,419	45,435	45,565	45,623	45,655	45,822	45,812	45,802	45,836
Transportation and public utilities	1,696	1,691	1,689	1,683	1,687	1,689	1,688	1,692	1,693	1,694	1,692	1,692	1,689
Wholesale trade	1,852	1,848	1,846	1,843	1,842	1,839	1,837	1,838	1,841	1,830	1,825	1,824	1,823
Retail trade	10,214	10,176	10,177	10,182	10,195	10,168	10,199	10,189	10,170	10,179	10,142	10,116	10,125
Finance, insurance, and real estate	4,226	4,226	4,226	4,227	4,234	4,238	4,236	4,239	4,235	4,228	4,224	4,234	4,232
Services	17,508	17,516	17,541	17,559	17,557	17,567	17,642	17,699	17,727	17,811	17,842	17,874	17,952
Government	9,853	9,867	9,889	9,896	9,904	9,934	9,963	9,966	9,989	10,080	10,087	10,062	10,042
Federal	1,224	1,226	1,230	1,229	1,232	1,236	1,237	1,235	1,228	1,217	1,217	1,222	1,213
State	2,164	2,166	2,166	2,169	2,169	2,170	2,177	2,182	2,192	2,201	2,191	2,201	2,193
Local	6,465	6,475	6,493	6,498	6,503	6,528	6,549	6,549	6,569	6,662	6,679	6,639	6,636

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

NOTE: Establishment survey estimates are currently projected from March 1991 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1988 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	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^p	Dec. ^p
Total private	72,539	72,540	72,561	72,592	72,777	72,887	72,859	72,918	72,766	72,810	72,953	72,964	73,057
Goods-producing	16,369	16,344	16,348	16,373	16,383	16,407	16,347	16,348	16,262	16,209	16,207	16,224	16,221
Mining	468	464	462	461	457	452	449	447	444	440	443	442	437
Construction	3,498	3,494	3,487	3,506	3,514	3,545	3,520	3,509	3,511	3,499	3,529	3,503	3,497
Manufacturing	12,403	12,386	12,399	12,406	12,412	12,410	12,378	12,392	12,307	12,270	12,235	12,279	12,287
Durable goods	6,913	6,895	6,906	6,909	6,903	6,896	6,876	6,867	6,828	6,809	6,789	6,822	6,823
Lumber and wood products	556	557	563	565	565	564	560	560	558	559	565	570	571
Furniture and fixtures	367	367	365	367	369	369	370	372	366	363	364	364	365
Stone, clay, and glass products	401	400	399	400	403	404	404	403	402	402	400	400	401
Primary metal industries	539	535	536	535	535	533	532	532	531	529	527	528	525
Blast furnaces and basic steel products	196	194	195	194	194	193	192	191	190	191	189	190	187
Fabricated metal products	985	984	984	984	985	985	981	979	979	975	970	974	971
Industrial machinery and equipment	1,165	1,162	1,162	1,161	1,165	1,172	1,169	1,164	1,161	1,166	1,160	1,165	1,166
Electronic and other electrical equipment	992	992	988	988	986	988	986	983	977	977	976	981	984
Transportation equipment	1,171	1,161	1,173	1,173	1,164	1,149	1,146	1,144	1,135	1,120	1,111	1,127	1,127
Motor vehicles and equipment	621	616	630	630	628	618	617	622	619	607	608	626	629
Instruments and related products	472	472	471	470	465	465	463	463	458	456	455	451	449
Miscellaneous manufacturing	265	265	265	266	266	267	265	267	261	262	261	262	264
Nondurable goods	5,490	5,491	5,493	5,497	5,509	5,514	5,502	5,525	5,479	5,461	5,446	5,457	5,464
Food and kindred products	1,207	1,210	1,210	1,211	1,222	1,221	1,218	1,229	1,216	1,204	1,205	1,212	1,215
Tobacco products	37	37	37	37	37	37	37	37	39	37	37	34	36
Textile mill products	582	582	584	586	585	583	582	583	578	580	573	577	578
Apparel and other textile products	858	857	858	858	857	861	856	867	848	843	840	840	840
Paper and allied products	518	517	516	517	519	521	519	519	517	521	518	518	519
Printing and publishing	843	843	841	841	842	842	840	841	840	841	838	837	837
Chemicals and allied products	571	570	569	568	567	568	567	563	563	560	561	559	558
Petroleum and coal products	103	103	104	103	103	102	101	101	100	100	100	100	99
Rubber and misc. plastics products	670	672	674	676	676	679	683	684	679	676	675	681	684
Leather and leather products	101	100	100	100	101	100	99	101	99	99	99	99	98
Service-producing	56,170	56,196	56,213	56,219	56,394	56,480	56,512	56,570	56,504	56,601	56,746	56,740	56,836
Transportation and public utilities	4,794	4,794	4,797	4,795	4,791	4,790	4,794	4,789	4,770	4,789	4,786	4,790	4,803
Wholesale trade	4,823	4,815	4,808	4,805	4,810	4,815	4,813	4,800	4,791	4,791	4,803	4,814	4,799
Retail trade	16,827	16,821	16,840	16,808	16,874	16,872	16,874	16,883	16,815	16,833	16,839	16,834	16,848
Finance, insurance, and real estate	4,809	4,813	4,819	4,820	4,826	4,826	4,818	4,811	4,812	4,823	4,830	4,829	4,840
Services	24,917	24,953	24,949	24,991	25,093	25,177	25,213	25,287	25,316	25,365	25,488	25,473	25,546

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 1991 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1988 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	59.1	58.8	53.8	46.9	49.3	47.8	43.5	41.4	40.3	40.2	38.2	37.1
1991	37.9	37.6	36.1	41.3	50.7	45.1	48.7	51.4	50.0	47.1	46.8	46.9
1992	43.5	47.9	47.5	58.4	51.4	45.2	49.8	42.8	49.9	50.1	^P 50.6	^P 52.9
Over 3-month span:												
1990	61.2	61.1	54.8	48.0	45.8	45.2	40.9	35.7	33.8	33.1	32.6	32.3
1991	31.3	28.7	31.7	38.3	41.0	45.6	46.0	51.4	48.5	46.3	44.4	42.7
1992	44.8	44.1	53.2	54.9	54.4	47.6	41.6	44.4	44.1	^P 48.9	^P 51.7	
Over 6-month span:												
1990	56.6	55.1	54.2	50.0	43.7	39.0	37.2	34.7	31.9	30.6	29.1	27.9
1991	27.9	29.2	28.2	33.0	38.9	44.0	47.2	46.3	46.9	46.1	44.0	43.4
1992	47.8	50.6	49.7	51.1	47.3	49.3	42.8	^P 41.7	^P 44.7			
Over 12-month span:												
1990	53.7	51.4	48.9	46.6	43.0	40.0	37.1	33.7	32.3	30.6	28.9	27.7
1991	27.4	28.5	28.1	29.9	32.2	33.4	35.7	39.0	42.8	46.3	47.6	47.8
1992	49.2	44.1	45.2	43.8	^P 45.1	^P 46.5						
Manufacturing payrolls, 139 industries¹												
Over 1-month span:												
1990	47.8	51.1	48.2	45.3	41.7	42.8	39.9	36.7	34.2	33.5	29.5	31.7
1991	35.6	33.5	30.6	40.6	48.0	43.9	49.6	50.7	42.6	46.4	45.3	46.0
1992	39.6	43.9	43.2	57.6	46.4	42.4	51.4	36.7	45.7	39.2	^P 52.9	^P 49.3
Over 3-month span:												
1990	48.6	49.3	48.6	41.0	37.8	37.1	32.4	27.7	25.2	21.9	19.6	22.7
1991	23.4	21.6	21.6	32.4	36.3	43.5	52.2	49.6	48.4	42.4	42.1	37.4
1992	37.8	36.3	48.9	49.3	50.4	46.4	35.6	36.7	31.7	^P 41.7	^P 43.2	
Over 6-month span:												
1990	45.3	41.4	41.7	42.6	33.1	29.5	23.7	21.2	18.7	19.4	16.0	16.2
1991	17.3	20.5	21.9	25.9	34.9	40.6	45.3	44.6	45.3	39.9	36.0	38.0
1992	41.4	43.2	41.4	47.8	41.7	42.4	29.9	^P 31.7	^P 33.6			
Over 12-month span:												
1990	35.3	32.7	31.7	32.7	26.3	23.4	23.0	19.4	18.3	15.8	14.7	15.5
1991	17.8	19.4	18.0	19.4	24.1	25.2	25.9	28.6	37.4	40.6	41.4	38.1
1992	42.6	32.4	34.9	30.6	^P 32.0	^P 35.6						

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 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1991) and all seasonally adjusted data (beginning January 1988) are subject to revision.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
Alabama	1,856.1	1,666.6	1,672.4	12.3	11.3	11.4	77.9	77.5	78.9
Birmingham	421.3	423.9	424.8	5.6	5.4	5.5	22.5	21.8	21.5
Huntsville	137.5	136.8	137.8	(¹)	(¹)	(¹)	4.9	4.7	4.7
Mobile	187.9	189.3	190.6	(¹)	(¹)	(¹)	12.6	13.0	13.1
Montgomery	136.2	136.4	137.8	(¹)	(¹)	(¹)	6.2	6.2	6.2
Tuscaloosa	68.0	66.1	66.6	3.4	2.8	2.8	3.8	3.4	3.5
Alaska	239.7	247.4	240.7	10.9	10.6	10.3	10.3	12.3	10.3
Arizona	1,525.2	1,524.0	1,532.7	13.9	14.1	14.0	78.9	85.9	85.6
Phoenix	998.1	991.6	996.1	.7	.8	.8	52.6	58.3	57.7
Tucson	266.8	269.8	272.7	2.3	2.3	2.3	14.1	14.9	15.4
Arkansas	952.2	983.7	983.5	3.9	4.0	4.0	36.6	40.8	39.6
Fayetteville-Springdale	57.3	58.9	58.9	(¹)	(¹)	(¹)	2.0	2.1	2.1
Fort Smith	81.4	80.6	80.7	.8	.9	.9	3.0	2.7	2.7
Little Rock-North Little Rock	280.3	283.2	283.6	(¹)	(¹)	(¹)	11.4	11.7	11.3
Pine Bluff	34.7	34.9	34.9	(¹)	(¹)	(¹)	1.2	1.2	1.2
California	12,522.9	12,270.0	12,289.9	37.7	35.4	35.2	539.0	517.6	506.2
Anaheim-Santa Ana	1,161.2	1,128.8	1,130.2	1.3	1.3	1.3	53.1	50.6	48.4
Bakersfield	180.8	179.0	179.4	13.4	12.7	12.7	11.7	11.1	11.1
Fresno	229.0	226.7	226.3	.7	.5	.5	13.1	11.9	11.6
Los Angeles-Long Beach	4,033.3	3,918.7	3,924.8	7.6	7.3	7.3	127.0	117.7	116.2
Modesto	118.4	120.2	120.5	(²)	(²)	(²)	6.4	6.6	6.3
Oakland	895.0	880.5	883.7	3.0	2.8	2.7	45.8	44.1	43.7
Oxnard-Ventura	231.6	227.6	228.8	2.2	2.0	2.0	12.1	11.5	11.4
Riverside-San Bernardino	729.5	713.2	716.9	1.4	1.3	1.2	45.4	42.5	41.7
Sacramento	640.6	633.0	635.3	.9	1.0	1.0	36.0	35.1	34.0
Salinas-Seaside-Monterey	109.2	108.6	107.9	.4	.4	.4	4.4	4.4	4.6
San Diego	972.9	949.4	951.1	.6	.6	.6	49.0	45.7	44.5
San Francisco	956.4	949.2	953.4	.7	.7	.7	32.9	32.9	32.8
San Jose	814.0	800.5	800.1	.3	.3	.3	30.0	30.6	29.9
Santa Barbara-Santa Maria-Lompoc	151.7	145.8	145.9	1.3	1.1	1.1	6.7	6.1	5.6
Santa Rosa-Petaluma	147.2	147.0	146.6	.4	.4	.4	9.3	9.4	9.1
Stockton	156.7	154.0	152.9	.1	.1	.1	7.2	6.3	6.2
Vallejo-Fairfield-Napa	140.8	139.8	139.2	.6	.6	.6	10.5	10.8	10.5
Colorado	1,564.7	1,587.0	1,595.0	18.0	16.5	16.5	70.7	83.0	80.9
Boulder-Longmont	124.2	127.1	127.3	(¹)	(¹)	(¹)	4.5	4.7	4.7
Denver	657.7	669.7	672.5	10.0	8.6	8.7	36.1	46.4	45.3
Connecticut	1,558.5	1,505.3	1,509.3	.8	.8	.8	50.1	50.0	49.2
Bridgeport-Milford	181.2	175.8	175.8	(²)	(²)	(²)	5.3	4.7	4.8
Hartford	449.4	440.5	443.7	(¹)	(¹)	(¹)	13.3	14.4	13.8
New Britain	61.6	80.9	81.4	(²)	(²)	(²)	3.9	4.1	4.2
New Haven-Meriden	246.7	244.1	244.4	(¹)	(¹)	(¹)	7.6	8.0	8.0
Stamford	116.5	112.9	113.0	(¹)	(¹)	(¹)	3.6	3.4	3.3
Waterbury	82.0	79.2	79.6	(²)	(²)	(²)	2.9	2.9	2.7
Delaware	341.6	337.1	340.9	.1	.1	.1	17.0	17.3	17.1
Wilmington	292.5	283.9	287.1	.2	.2	.2	14.9	14.8	14.6
District of Columbia	674.1	673.2	674.9	.1	.1	.1	10.3	8.9	8.9
Washington MSA	2,186.3	2,161.1	2,167.4	.8	.8	.8	104.0	96.2	94.8
Florida	5,295.8	5,283.9	5,330.4	7.5	7.0	6.9	268.9	256.6	257.9
Daytona Beach	121.7	122.6	123.9	(²)	(²)	(²)	6.7	5.7	5.8
Fort Lauderdale-Hollywood-Pompano Beach	508.9	511.0	518.6	.2	.2	.2	26.8	26.4	26.7
Fort Myers-Cape Coral	124.4	123.9	126.2	(²)	(²)	(²)	11.1	10.6	10.9
Gainesville	103.8	105.3	105.0	(²)	(²)	(²)	3.9	3.9	3.9
Jacksonville	424.0	425.2	427.3	.6	.6	.6	23.4	22.7	22.4
Lakeland-Winter Haven	151.5	150.1	151.6	3.5	3.3	3.3	7.4	7.3	7.2
Melbourne-Titusville-Palm Bay	161.8	160.0	160.8	(²)	(²)	(²)	8.5	8.1	8.2
Miami-Hialeah	663.1	662.7	665.6	.7	.6	.6	30.4	31.3	31.6
Orlando	554.5	556.7	559.3	(²)	(²)	(²)	29.5	26.4	28.5
Pensacola	131.2	131.9	132.3	.3	.4	.4	6.9	7.2	7.1
Sarasota	117.5	116.6	118.0	(²)	(²)	(²)	7.6	7.4	7.4
Tallahassee	128.3	130.5	130.4	(²)	(²)	(²)	5.1	5.0	5.1
Tampa-St. Petersburg-Clearwater	858.2	861.2	871.3	.4	.4	.4	41.3	41.7	42.1
West Palm Beach-Boca Raton-DeRay Beach	357.1	351.1	358.5	(²)	(²)	(²)	20.2	19.5	19.9

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a
Alabama	382.1	384.7	383.9	82.7	81.5	81.4	360.4	359.2	364.6
Birmingham	55.2	54.6	55.0	31.9	31.1	30.8	100.3	100.6	101.6
Huntsville	32.9	32.7	32.9	2.9	2.8	2.8	25.5	25.0	25.3
Mobile	28.7	28.3	28.3	11.4	11.3	11.3	48.7	48.8	49.6
Montgomery	16.4	16.1	16.1	5.8	5.6	5.6	30.3	29.8	30.1
Tuscaloosa	9.9	10.1	10.2	2.1	2.0	2.0	14.4	14.1	14.4
Alaska	14.3	15.0	12.5	21.6	22.5	21.7	47.4	48.1	48.1
Arizona	174.1	168.9	168.2	80.2	78.5	78.9	380.2	373.9	379.4
Phoenix	130.0	125.6	125.0	55.9	54.8	55.0	251.9	243.7	247.6
Tucson	24.5	23.8	23.7	10.5	10.7	10.7	63.5	65.0	66.0
Arkansas	238.4	240.0	240.4	56.7	57.9	57.7	209.1	215.7	217.5
Fayetteville-Springdale	14.0	14.3	14.3	4.6	4.4	4.4	12.5	13.0	13.1
Fort Smith	24.2	24.0	24.1	5.1	5.1	5.1	16.5	18.2	16.2
Little Rock-North Little Rock	33.3	33.3	33.3	16.6	16.5	16.5	62.4	62.5	63.1
Pine Bluff	6.9	6.9	6.9	2.4	2.3	2.3	7.1	7.0	7.1
California	1,997.1	1,902.5	1,894.7	629.1	620.2	620.5	2,939.7	2,838.4	2,868.8
Anaheim-Santa Ana	233.3	222.3	221.6	37.4	37.8	38.0	284.8	271.3	275.6
Bakersfield	10.0	9.9	9.8	9.3	9.4	9.4	42.9	41.6	42.3
Fresno	25.7	25.5	24.9	12.6	11.9	12.0	56.1	54.5	55.4
Los Angeles-Long Beach	785.7	735.6	733.4	214.9	210.5	210.4	897.2	859.1	867.2
Modesto	22.8	22.7	22.5	5.0	5.5	5.4	30.8	31.0	31.5
Oakland	112.1	108.3	107.9	59.2	58.2	58.2	216.5	206.9	210.0
Oxnard-Ventura	29.5	29.6	29.2	12.1	11.7	11.8	58.3	56.5	57.2
Riverside-San Bernardino	83.2	80.3	80.1	35.8	34.9	35.1	190.0	186.4	188.8
Sacramento	42.1	42.0	41.3	30.5	30.4	30.6	153.1	147.4	149.7
Salinas-Seaside-Monterey	8.5	8.8	7.9	4.9	4.8	4.8	29.7	28.6	28.6
San Diego	133.7	122.6	124.0	36.4	35.9	36.1	232.3	224.8	226.2
San Francisco	80.6	80.8	81.6	78.9	78.0	77.9	206.0	200.9	203.2
San Jose	253.6	243.5	242.4	23.6	23.6	23.7	165.4	160.9	162.7
Santa Barbara-Santa Maria-Lompoc	20.9	19.0	19.1	5.2	4.8	4.8	35.5	34.6	34.5
Santa Rosa-Petaluma	20.2	20.7	20.2	6.3	6.2	6.2	37.9	36.7	37.3
Stockton	22.5	22.8	22.2	9.9	9.6	9.4	37.7	38.1	38.3
Vallejo-Fairfield-Napa	12.4	11.2	11.2	5.1	5.0	5.1	35.5	35.0	34.7
Colorado	185.6	181.6	181.2	98.4	98.1	98.7	380.5	383.3	387.8
Boulder-Longmont	26.7	27.0	26.9	2.9	3.0	3.0	26.2	26.8	27.1
Denver	92.1	88.3	88.3	70.6	70.4	71.1	209.5	209.3	211.9
Connecticut	321.4	309.5	309.4	69.9	67.8	67.7	341.0	317.3	319.0
Bridgeport-Milford	47.2	46.2	46.0	8.5	7.8	7.8	41.2	38.9	39.3
Hartford	76.6	70.1	69.9	18.0	18.4	18.4	95.8	92.0	93.3
New Britain	17.0	16.8	16.7	3.1	3.9	3.9	12.5	11.8	12.1
New Haven-Meriden	42.7	42.1	42.2	15.9	15.8	16.0	53.2	50.5	49.7
Stamford	18.3	17.7	17.7	5.7	5.2	5.1	27.5	26.8	26.8
Waterbury	18.4	17.1	17.1	3.3	3.1	3.2	17.1	16.5	16.7
Delaware	71.2	64.5	67.4	14.8	14.6	14.4	74.5	73.6	74.9
Wilmington	62.0	54.4	57.3	16.8	16.5	16.3	58.5	56.5	57.7
District of Columbia	14.7	14.5	14.5	22.7	22.5	22.3	57.4	55.2	55.4
Washington MSA	82.1	79.5	79.6	103.5	102.1	101.7	419.3	401.1	405.7
Florida	492.5	482.9	485.5	273.0	268.7	269.6	1,382.6	1,345.7	1,373.0
Daytona Beach	11.6	11.2	11.2	3.9	4.1	4.1	34.5	34.7	35.3
Fort Lauderdale-Hollywood-Pompano Beach	40.7	41.4	41.7	23.8	23.9	24.3	147.4	144.9	149.1
Fort Myers-Cape Coral	5.4	5.3	5.4	5.6	5.6	5.7	35.3	34.3	35.6
Gainesville	5.7	5.7	5.7	2.0	2.0	2.0	22.1	21.9	22.2
Jacksonville	35.0	35.3	35.3	31.5	30.9	31.0	110.9	109.2	110.8
Lakeland-Winter Haven	21.1	20.8	21.2	7.8	7.5	7.5	42.1	42.1	42.8
Melbourne-Titusville-Palm Bay	29.4	28.7	28.6	4.4	4.3	4.4	36.0	35.3	35.8
Miami-Hialeah	83.6	83.6	84.1	68.7	62.8	63.2	228.8	225.4	229.4
Orlando	47.8	45.7	45.4	30.4	29.9	30.0	142.4	141.0	143.3
Pensacola	11.2	11.0	11.0	6.4	6.4	6.4	31.7	31.2	31.6
Sarasota	7.9	7.9	7.8	3.7	3.5	3.5	32.7	31.5	32.5
Tallahassee	4.5	4.6	4.6	3.1	3.1	3.0	27.2	27.5	27.9
Tampa-St. Petersburg-Clearwater	85.8	84.8	85.3	39.3	39.4	39.5	229.2	224.1	228.8
West Palm Beach-Boca Raton-Delray Beach	32.2	30.5	31.5	14.1	14.1	14.2	97.9	96.6	100.1

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
Alabama	72.1	71.9	71.8	329.7	337.6	337.5	338.9	342.9	344.9
Birmingham	29.4	29.5	29.7	107.6	110.1	109.9	68.8	70.8	70.8
Huntsville	3.9	3.9	3.9	34.6	35.1	35.3	32.8	32.6	32.9
Mobile	7.9	7.6	7.6	46.6	48.2	48.4	32.0	32.1	32.3
Montgomery	8.2	7.9	7.9	32.3	32.3	32.5	37.0	38.5	39.4
Tuscaloosa	2.2	2.2	2.2	10.4	10.2	10.2	21.8	21.3	21.3
Alaska	10.7	10.8	10.8	50.9	52.7	52.0	73.6	75.4	75.0
Arizona	92.4	91.7	92.1	417.9	421.4	422.3	287.6	289.6	292.2
Phoenix	73.8	73.0	73.3	284.4	285.9	286.7	148.8	149.5	150.0
Tucson	11.6	11.7	11.8	76.8	78.0	78.3	63.5	63.4	64.5
Arkansas	38.5	39.7	39.7	201.3	212.7	211.6	169.7	172.9	173.0
Fayetteville-Springdale	1.7	1.7	1.7	10.2	10.2	10.2	12.3	13.2	13.1
Fort Smith	2.8	2.5	2.5	20.1	20.0	19.9	9.1	9.2	9.3
Little Rock-North Little Rock	15.8	16.0	16.0	69.4	70.7	70.9	51.4	52.5	52.5
Pine Bluff	1.3	1.4	1.4	7.7	7.8	7.7	8.1	8.3	8.3
California	814.7	802.0	802.1	3,468.7	3,473.8	3,472.7	2,096.9	2,080.1	2,089.7
Anaheim-Santa Ana	96.1	94.7	94.5	324.2	322.8	322.1	131.0	128.0	128.7
Bakersfield	8.3	6.2	6.2	40.2	41.9	41.8	46.8	46.2	46.1
Fresno	13.4	13.5	13.5	55.6	55.7	55.3	51.8	53.2	53.1
Los Angeles-Long Beach	269.7	259.8	259.5	1,185.8	1,187.1	1,187.7	545.4	541.4	543.1
Modesto	5.1	5.5	5.5	26.7	27.8	27.5	21.6	21.1	21.8
Oakland	55.5	55.3	55.4	234.1	233.5	233.9	168.8	171.4	171.9
Oxnard-Ventura	11.9	11.8	11.9	60.8	60.7	60.6	44.7	43.8	44.7
Riverside-San Bernardino	31.5	30.4	30.6	185.1	181.3	182.9	157.1	156.1	156.5
Sacramento	43.6	43.6	43.3	150.4	150.8	150.1	184.0	182.7	185.3
Salinas-Seaside-Monterey	6.6	6.9	7.0	27.7	27.7	27.6	27.0	27.2	27.0
San Diego	63.2	62.6	62.8	276.8	275.7	274.9	180.9	181.5	182.0
San Francisco	106.9	107.2	107.2	310.4	313.6	314.3	140.0	135.1	135.7
San Jose	32.4	32.1	32.2	219.9	221.9	221.2	88.8	87.6	87.7
Santa Barbara-Santa Maria-Lompoc	8.4	8.4	8.4	43.9	42.7	42.8	29.8	29.1	29.4
Santa Rosa-Petaluma	8.9	9.1	9.1	38.7	38.8	38.6	25.5	25.7	25.7
Stockton	9.3	9.0	9.0	35.1	34.4	34.0	34.9	33.7	33.7
Vallejo-Fairfield-Napa	5.1	5.3	5.3	34.6	34.5	34.2	37.0	37.4	37.6
Colorado	97.0	99.0	98.6	423.0	428.0	431.5	291.5	297.5	299.8
Boulder-Longmont	4.3	4.5	4.5	35.1	35.8	35.8	24.5	25.3	25.3
Denver	65.6	66.8	66.5	237.6	241.7	242.5	136.2	138.0	138.2
Connecticut	145.6	141.0	140.5	417.5	407.1	406.5	212.2	211.8	216.2
Bridgeport-Milford	11.4	11.0	11.0	48.3	48.3	48.2	19.3	18.9	18.9
Hartford	72.0	69.6	69.4	108.5	110.7	110.9	65.2	65.3	68.0
New Britain	2.7	2.5	2.5	15.3	14.7	14.9	7.1	7.1	7.1
New Haven-Meriden	15.8	15.3	15.6	79.2	80.4	80.8	32.3	32.0	32.1
Stamford	14.0	13.6	13.6	36.9	36.0	36.0	10.5	10.4	10.5
Waterbury	3.7	3.5	3.5	23.7	23.8	23.9	12.9	12.3	12.5
Delaware	32.4	32.4	32.3	83.1	85.8	85.4	48.5	48.8	49.3
Wilmington	29.1	29.0	29.1	72.2	73.8	72.9	38.8	38.7	39.0
District of Columbia	34.2	32.6	32.7	257.5	255.2	255.6	277.2	284.2	285.4
Washington MSA	129.9	127.0	127.1	748.7	751.2	751.3	598.0	603.2	606.4
Florida	352.7	346.5	347.0	1,622.3	1,661.9	1,676.0	896.3	914.6	914.5
Daytona Beach	5.7	5.7	5.7	36.9	37.9	38.0	22.4	23.3	23.8
Fort Lauderdale-Hollywood-Pompano Beach	39.3	37.9	38.1	156.7	159.9	181.8	74.0	76.4	76.7
Fort Myers-Cape Coral	8.2	7.7	7.7	37.9	38.9	39.4	20.8	21.4	21.4
Gainesville	4.4	4.4	4.4	26.7	27.7	27.5	38.9	39.7	39.3
Jacksonville	44.9	44.5	44.6	112.8	114.9	115.5	64.9	67.1	67.1
Lakeland-Winter Haven	7.5	7.4	7.4	37.8	37.3	37.5	24.3	24.4	24.7
Melbourne-Titusville-Palm Bay	5.2	5.1	5.1	54.2	53.8	53.8	24.1	24.7	24.9
Miami-Hialeah	64.9	64.0	64.2	255.2	259.3	261.3	130.8	135.7	131.2
Orlando	32.3	32.1	32.1	201.4	205.5	205.8	70.6	74.0	74.1
Pensacola	5.4	5.3	5.3	37.2	38.3	38.2	32.1	32.1	32.3
Sarasota	7.7	7.2	7.2	43.7	44.9	45.4	14.2	14.2	14.2
Tallahassee	5.1	5.1	5.1	28.7	29.4	29.2	54.4	55.6	55.3
Tampa-St. Petersburg-Clearwater	63.8	63.5	63.8	278.4	286.0	288.5	120.0	121.3	122.9
West Palm Beach-Boca Raton-Delray Beach	27.4	27.0	27.1	117.1	115.7	117.4	48.2	47.7	48.3

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a
Georgia	2,961.9	2,987.3	2,999.4	7.6	7.4	7.3	121.3	115.9	114.9
Albany	49.8	50.6	50.9	(^b)	(^b)	(^b)	2.5	2.8	2.9
Athens	69.3	70.1	70.5	.1	.1	.1	2.0	1.9	1.9
Atlanta	1,469.5	1,485.2	1,492.3	1.1	1.0	1.0	57.8	54.4	54.1
Augusta	183.4	185.3	185.9	.5	.5	.5	13.5	14.9	14.9
Columbus	95.2	96.0	96.5	.1	.1	.1	3.8	3.7	3.6
Macon-Warner Robins	126.4	126.4	127.3	.1	.1	.1	4.4	3.8	3.7
Savannah	113.0	114.3	115.1	(^b)	(^b)	(^b)	7.1	7.6	7.3
Hawaii	545.0	530.6	536.4	(^b)	(^b)	(^b)	33.3	31.2	31.5
Honolulu	419.9	411.4	415.9	(^b)	(^b)	(^b)	25.3	23.6	23.7
Idaho	409.3	420.3	418.6	3.0	2.5	2.4	22.1	23.4	23.3
Boise City	111.8	119.5	120.2	(^b)	(^b)	(^b)	5.6	6.8	6.7
Illinois	5,242.1	5,243.3	5,253.5	19.2	18.2	18.0	202.4	218.1	207.4
Aurora-Elgin	149.8	152.2	152.4	(^b)	(^b)	(^b)	8.4	8.4	8.2
Bloomington-Normal	67.8	69.0	69.1	(^b)	(^b)	(^b)	1.8	2.4	2.2
Champaign-Urbana-Rantoul	92.8	93.1	94.1	(^b)	(^b)	(^b)	2.5	2.9	2.8
Chicago	3,144.6	3,128.6	3,137.8	2.0	1.9	1.9	117.1	122.7	119.4
Davenport-Rock Island-Moline	165.4	164.3	165.5	(^b)	(^b)	(^b)	7.9	7.5	7.2
Decatur	52.6	55.2	55.4	(^b)	(^b)	(^b)	3.2	3.3	3.1
Joliet	110.1	112.7	112.2	(^b)	(^b)	(^b)	7.9	8.8	8.5
Kankakee	38.3	39.8	39.7	(^b)	(^b)	(^b)	1.7	1.8	1.7
Lake County	227.8	231.0	231.6	(^b)	(^b)	(^b)	10.7	11.4	11.3
Peoria	145.2	151.8	151.2	(^b)	(^b)	(^b)	7.5	8.1	7.5
Rockford	138.6	136.7	139.3	(^b)	(^b)	(^b)	5.4	5.5	5.3
Springfield	108.5	108.6	108.9	(^b)	(^b)	(^b)	3.9	4.4	4.1
Indiana	2,534.5	2,570.1	2,570.7	7.6	7.1	7.0	120.5	121.2	118.7
Anderson	48.8	49.5	49.9	(^b)	(^b)	(^b)	1.2	1.2	1.2
Bloomington	58.3	59.8	59.8	(^b)	(^b)	(^b)	2.3	2.6	2.7
Elkhart-Goshen	98.5	100.0	99.9	(^b)	(^b)	(^b)	3.7	3.2	3.1
Evansville	138.4	141.3	141.2	2.1	1.8	1.8	8.1	7.7	7.7
Fort Wayne	201.7	199.2	196.9	(^b)	(^b)	(^b)	9.1	8.5	8.0
Gary-Hammond	252.5	256.9	257.3	(^b)	(^b)	(^b)	18.7	18.9	18.5
Indianapolis	685.8	699.3	699.7	.7	.7	.7	38.7	39.5	38.7
Kokomo	46.0	47.3	46.9	(^b)	(^b)	(^b)	1.5	1.7	1.7
Lafayette-West Lafayette	73.5	74.2	74.3	(^b)	(^b)	(^b)	2.4	3.0	2.7
Muncie	56.7	58.0	58.3	(^b)	(^b)	(^b)	2.3	2.2	2.0
South Bend-Mishawaka	120.3	123.3	123.7	(^b)	(^b)	(^b)	7.1	8.0	7.9
Terre Haute	60.9	63.5	64.0	.5	.5	.5	3.0	3.3	3.2
Iowa	1,252.2	1,255.9	1,258.5	2.2	2.3	2.2	47.4	48.9	45.8
Cedar Rapids	95.9	94.9	94.9	(^b)	(^b)	(^b)	5.0	4.7	4.6
Des Moines	239.4	239.9	241.3	(^b)	(^b)	(^b)	9.9	10.6	10.3
Dubuque	46.5	46.1	47.1	(^b)	(^b)	(^b)	1.7	2.0	1.9
Iowa City	58.6	59.3	59.7	(^b)	(^b)	(^b)	1.8	2.1	2.0
Sioux City	58.4	59.1	59.2	(^b)	(^b)	(^b)	2.7	3.0	2.9
Waterloo-Cedar Falls	73.5	73.8	73.8	(^b)	(^b)	(^b)	2.9	3.1	3.0
Kansas	1,113.2	1,131.1	1,135.8	9.7	9.6	9.6	43.3	47.4	46.4
Lawrence	39.0	39.2	39.6	(^b)	(^b)	(^b)	1.3	1.6	1.6
Topeka	91.5	91.7	92.9	(^b)	(^b)	(^b)	3.4	3.8	3.5
Wichita	246.2	244.7	245.1	1.7	1.6	1.6	10.8	10.9	10.9
Kentucky	1,492.7	1,499.4	1,502.1	31.2	29.1	28.8	66.0	68.1	65.2
Lexington-Fayette	204.3	208.3	208.1	.3	.3	.3	10.0	10.8	10.8
Louisville	491.3	492.3	494.1	.5	.5	.5	23.0	22.7	22.5
Owensboro	37.8	38.2	38.2	.7	.7	.7	2.1	2.1	2.1
Louisiana	1,636.1	1,628.5	1,629.6	54.9	48.3	48.4	98.9	96.8	96.2
Alexandria	47.7	47.6	47.5	.1	.1	.1	3.4	3.4	3.3
Baton Rouge	244.5	247.5	247.6	.9	.8	.8	30.3	31.5	31.1
Houma-Thibodaux	58.7	57.9	58.2	5.1	4.3	4.1	2.6	3.2	3.2
Lafayette	103.0	101.3	101.8	14.0	12.7	12.7	4.6	4.3	4.2
Lake Charles	70.3	69.6	69.8	1.2	1.0	1.1	8.2	7.5	7.5
Monroe	62.7	61.7	61.9	.5	.5	.5	4.2	3.4	3.3
New Orleans	539.6	539.3	540.3	15.1	13.0	13.1	23.3	24.0	23.6
Shreveport	134.3	137.0	137.3	3.1	2.9	2.9	6.3	6.3	6.1

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a
Georgia	545.5	549.8	549.5	197.6	202.0	202.1	738.9	743.0	753.9
Albany	7.5	7.5	7.5	2.9	2.9	2.9	12.1	12.5	12.6
Athens	14.4	14.3	14.2	2.0	2.0	2.0	16.3	16.8	16.8
Atlanta	174.4	174.8	175.1	129.3	134.0	134.4	396.7	395.3	400.6
Augusta	41.2	41.5	41.7	5.1	5.2	5.3	40.7	40.0	40.4
Columbus	19.7	20.1	20.2	2.8	2.9	2.9	21.2	20.4	20.8
Macon-Warner Robins	18.7	18.3	18.2	5.0	4.9	5.0	28.8	29.1	29.6
Savannah	16.5	16.6	16.9	9.8	9.5	9.5	28.2	27.4	27.7
Hawaii	20.2	19.9	19.9	43.6	43.1	43.0	137.0	131.4	133.0
Honolulu	15.1	14.5	14.6	35.7	35.5	35.4	102.2	99.8	100.9
Idaho	63.8	66.2	65.9	20.5	20.7	20.5	103.7	105.5	105.9
Boise City	16.9	19.1	19.3	6.2	8.3	8.2	27.6	27.3	27.1
Illinois	939.1	939.8	941.4	304.6	300.2	299.2	1,265.6	1,248.1	1,266.4
Aurora-Elgin	33.9	36.0	36.2	3.3	3.4	3.4	39.0	38.6	39.1
Bloomington-Normal	7.7	7.5	7.5	2.8	2.8	2.8	16.1	15.7	15.9
Champaign-Urbana-Rantoul	9.2	9.7	9.8	2.4	2.5	2.5	20.4	20.5	20.9
Chicago	533.3	529.1	531.2	202.5	197.4	198.8	761.3	742.2	755.6
Davenport-Rock Island-Moline	28.1	27.0	27.0	8.0	7.7	7.7	47.1	48.3	49.1
Decatur	12.7	14.6	14.5	4.7	4.7	4.8	11.5	11.8	12.0
Joliet	19.9	20.0	20.0	8.8	8.9	8.9	26.4	26.3	26.5
Kankakee	6.1	6.0	6.1	1.4	1.5	1.4	9.9	9.7	9.8
Lake County	50.4	50.8	51.0	7.5	7.5	7.6	59.4	60.3	61.1
Peoria	27.9	32.3	31.9	6.8	7.2	7.1	35.7	35.8	36.1
Rockford	46.8	43.5	45.3	4.9	4.7	4.7	30.3	30.2	30.7
Springfield	3.8	3.9	3.8	4.8	4.8	4.8	25.4	25.0	26.2
Indiana	620.8	623.4	622.5	133.4	131.2	130.6	600.3	603.0	608.9
Anderson	15.2	14.5	14.6	1.1	1.0	1.0	11.5	11.1	11.4
Bloomington	8.5	9.0	9.0	1.8	1.9	1.9	13.3	13.5	13.6
Elkhart-Goshen	48.3	49.3	49.0	3.1	3.0	3.0	19.1	19.5	19.7
Evansville	31.0	32.5	32.1	6.7	6.6	6.7	34.5	34.3	34.9
Fort Wayne	50.0	50.0	50.1	13.0	12.9	12.7	51.1	49.4	50.0
Gary-Hammond	54.4	53.5	53.4	18.2	18.5	18.4	59.7	61.0	61.9
Indianapolis	109.9	109.1	109.6	43.6	44.7	44.6	174.8	178.0	179.7
Kokomo	17.7	18.5	18.0	1.4	1.4	1.4	10.3	9.9	10.2
Lafayette-West Lafayette	14.4	14.4	14.4	2.3	2.4	2.4	15.2	14.7	15.1
Muncie	11.4	11.1	11.2	2.6	2.6	2.6	13.3	12.8	13.0
South Bend-Mishawaka	20.8	21.3	21.3	5.5	5.5	5.5	30.6	30.3	30.7
Terre Haute	11.6	12.2	12.3	2.6	2.5	2.5	16.7	17.1	17.4
Iowa	230.9	230.0	231.4	55.2	54.5	54.4	316.4	316.4	317.3
Cedar Rapids	21.5	20.8	20.9	5.3	5.4	5.3	23.0	23.3	23.5
Des Moines	25.9	25.8	25.9	12.3	11.9	12.2	62.2	61.3	61.6
Dubuque	12.3	11.4	12.4	1.9	2.0	1.9	10.8	10.8	10.9
Iowa City	4.9	4.6	4.6	1.5	1.4	1.4	11.4	11.4	11.3
Sioux City	11.5	11.5	11.6	3.3	3.2	3.2	15.2	15.2	15.3
Waterloo-Cedar Falls	18.9	18.1	18.2	1.8	1.9	1.9	17.6	17.8	17.8
Kansas	184.1	180.9	181.0	65.4	65.0	65.3	273.7	274.1	276.1
Lawrence	4.8	5.0	4.9	1.0	1.0	.9	9.6	9.3	9.5
Topeka	9.1	8.9	9.0	6.1	6.1	6.3	20.4	20.2	20.5
Wichita	62.7	60.4	60.4	11.5	11.3	11.3	57.1	58.8	57.1
Kentucky	282.7	286.4	285.4	83.2	84.4	85.1	358.0	359.5	363.2
Lexington-Fayette	33.1	33.8	34.0	8.9	8.9	9.0	46.2	47.2	46.8
Louisville	87.6	87.5	87.1	32.3	32.8	33.3	123.3	122.7	124.5
Owensboro	8.7	8.7	6.6	2.3	2.2	2.2	9.6	9.6	9.8
Louisiana	190.0	188.3	187.9	109.7	109.1	109.0	377.5	372.6	374.6
Alexandria	3.3	3.3	3.3	2.4	2.3	2.3	10.4	10.4	10.4
Baton Rouge	23.1	23.3	23.3	10.9	11.0	11.0	53.6	54.0	54.5
Houma-Thibodaux	5.9	5.2	5.3	6.5	8.1	6.2	14.7	14.9	15.0
Lafayette	10.1	9.5	9.6	6.0	6.1	6.2	26.6	26.4	26.6
Lake Charles	10.2	10.3	10.3	4.4	4.4	4.4	15.8	15.6	15.6
Monroe	8.3	8.2	8.3	3.3	3.2	3.2	15.6	15.5	15.6
New Orleans	45.0	44.3	44.1	42.9	41.3	41.0	136.0	136.2	137.7
Shreveport	17.0	17.1	17.2	7.9	7.9	7.9	32.8	32.9	33.3

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a
Georgia	163.6	182.2	163.2	645.8	661.2	659.8	541.6	545.8	548.7
Albany	2.2	2.1	2.1	9.1	9.2	9.1	13.5	13.6	13.8
Athens	2.2	2.1	2.1	11.3	11.6	11.5	21.0	21.5	21.9
Atlanta	104.6	103.3	103.9	377.5	391.0	390.7	226.1	231.4	232.5
Augusta	6.2	6.1	6.1	39.2	39.7	39.6	37.0	37.4	37.4
Columbus	6.5	7.0	7.0	19.6	20.1	20.2	21.5	21.7	21.7
Macon-Warner Robins	8.0	8.2	8.3	26.6	27.1	27.4	34.6	34.9	35.0
Savannah	4.9	4.7	4.8	28.9	30.4	30.8	17.6	18.1	18.1
Hawaii	38.0	37.7	37.7	160.0	157.1	157.8	112.9	110.2	113.5
Honolulu	30.8	30.9	30.9	117.7	117.4	117.9	93.1	89.7	92.5
Idaho	20.8	21.5	21.4	67.0	90.4	89.6	88.4	90.1	89.6
Boise City	8.3	8.9	8.9	26.0	30.0	29.9	21.0	21.1	22.1
Illinois	377.4	374.0	374.4	1,356.1	1,375.3	1,365.4	777.7	771.8	781.3
Aurora-Elgin	9.9	10.0	9.9	36.0	38.4	38.1	17.3	17.4	17.5
Bloomington-Normal	11.1	11.6	11.5	14.8	15.4	15.5	13.5	13.6	13.7
Champaign-Urbana-Rantoul	3.3	3.3	3.3	18.9	18.7	18.7	36.1	35.5	36.1
Chicago	265.5	264.2	264.2	679.9	686.0	684.3	383.0	363.1	364.4
Davenport-Rock Island-Moline	7.8	7.8	7.9	39.2	39.7	39.5	27.3	26.3	27.1
Decatur	2.3	2.3	2.3	12.4	12.5	12.6	5.8	6.0	6.1
Joliet	3.8	4.0	3.9	25.6	26.8	26.4	17.9	17.9	18.0
Kankakee	1.6	1.7	1.6	10.8	12.1	12.1	6.8	7.0	7.0
Lake County	13.6	13.9	14.0	53.7	54.2	53.5	32.5	32.9	33.1
Peoria	7.7	7.8	7.8	42.0	43.2	43.4	17.6	17.2	17.4
Rockford	5.5	5.6	5.9	33.0	34.3	34.5	12.7	12.7	12.9
Springfield	7.7	7.9	7.9	28.6	29.4	29.1	34.1	33.2	33.0
Indiana	124.5	125.6	125.7	541.6	568.5	565.4	385.7	390.2	391.9
Anderson	1.5	1.5	1.5	11.1	12.2	12.3	7.2	8.0	8.0
Bloomington	2.0	2.0	1.9	10.8	11.4	11.5	19.6	19.3	19.2
Elkhart-Goshen	2.7	2.6	2.7	14.7	14.8	14.9	6.9	7.6	7.6
Evansville	5.8	5.7	5.7	35.9	37.6	37.2	14.2	14.9	15.2
Fort Wayne	13.0	11.6	11.7	45.6	46.6	46.2	19.7	20.1	20.2
Gary-Hammond	6.4	8.5	8.5	59.0	61.8	61.7	34.1	34.7	34.9
Indianapolis	51.2	51.9	52.0	163.6	169.4	168.6	103.2	105.8	105.6
Kokomo	1.4	1.4	1.4	7.2	8.0	7.9	6.4	6.4	6.4
Lafayette-West Lafayette	3.1	3.1	3.1	13.4	13.5	13.4	22.8	23.1	23.1
Muncie	1.7	1.7	1.8	12.5	12.3	12.3	13.0	13.3	13.4
South Bend-Mishawaka	6.8	6.9	6.9	37.3	38.9	38.6	12.5	12.5	12.6
Terre Haute	2.1	2.2	2.2	13.3	14.1	14.3	11.2	11.5	11.6
Iowa	72.0	73.8	73.7	301.6	306.0	304.3	226.5	224.2	229.4
Cedar Rapids	4.9	5.0	5.0	24.8	24.3	24.2	11.4	11.4	11.4
Des Moines	33.2	33.7	33.7	83.3	64.2	83.9	32.6	32.4	33.7
Dubuque	1.5	1.6	1.7	14.7	14.8	14.6	3.6	3.5	3.5
Iowa City	1.4	1.5	1.5	10.6	10.8	10.7	27.0	27.5	28.2
Sioux City	2.8	2.6	2.6	16.4	16.9	16.8	6.7	6.7	6.6
Waterloo-Cedar Falls	3.8	4.0	4.0	16.8	17.2	17.3	13.9	13.7	13.6
Kansas	57.9	58.5	58.6	252.7	263.0	262.2	226.4	232.6	236.6
Lawrence	1.7	1.7	1.7	8.1	8.1	8.1	12.5	12.5	12.9
Topeka	6.4	6.3	6.3	23.8	23.9	23.8	22.3	22.5	23.5
Wichita	10.6	10.9	10.9	61.6	62.2	62.0	30.0	30.8	30.9
Kentucky	62.1	63.3	63.4	338.4	341.9	341.8	271.1	268.7	269.2
Lexington-Fayette	9.6	9.4	9.4	50.6	52.2	51.6	45.6	45.7	46.2
Louisville	27.4	27.7	27.8	129.7	130.7	130.3	67.5	67.7	68.1
Owensboro	1.4	1.4	1.4	8.9	9.1	9.0	6.1	6.4	6.4
Louisiana	79.5	79.5	79.3	385.6	388.4	388.3	340.0	345.5	345.9
Alexandria	2.1	2.1	2.1	13.0	13.3	13.3	13.0	12.7	12.7
Baton Rouge	13.3	13.4	13.4	55.9	56.4	56.6	56.5	57.1	56.9
Houma-Thibodaux	2.1	2.1	2.1	10.5	10.6	10.7	11.3	11.5	11.6
Lafayette	3.8	3.9	3.9	23.9	24.5	24.8	14.0	13.9	14.0
Lake Charles	2.9	2.9	2.9	15.9	15.7	15.8	11.7	12.2	12.2
Monroe	4.2	4.4	4.4	14.6	14.5	14.6	12.0	12.0	12.0
New Orleans	31.3	29.2	29.2	154.2	158.3	158.5	91.8	93.0	93.1
Shreveport	6.4	6.2	6.3	33.7	35.7	35.6	27.1	26.0	26.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
Maine	518.0	525.4	520.2	0.1	0.1	0.1	21.6	23.5	22.0
Lewiston-Auburn	38.5	39.2	39.0	(¹)	(¹)	(¹)	1.7	1.9	1.7
Portland	123.3	123.1	122.9	(¹)	(¹)	(¹)	4.8	5.3	5.0
Maryland	2,101.4	2,052.7	2,057.3	1.5	1.5	1.4	128.0	123.0	120.2
Baltimore MSA	1,110.6	1,082.3	1,083.0	.3	.3	.3	61.2	58.6	57.5
Baltimore City	432.7	422.2	422.4	(¹)	(¹)	(¹)	14.7	14.0	14.0
Suburban Maryland-D.C.	750.2	735.0	736.8	(¹)	(¹)	(¹)	54.4	51.9	50.9
Massachusetts	2,824.6	2,774.5	2,779.8	1.2	1.3	1.3	79.0	77.2	75.6
Boston	1,580.2	1,538.2	1,544.2	.4	.6	.6	39.1	37.1	36.2
Brockton	65.0	64.1	64.5	(¹)	(¹)	(¹)	1.8	1.8	1.7
Fall River	49.2	48.6	48.9	(¹)	(¹)	(¹)	1.5	1.3	1.3
Fitchburg-Leominster	36.5	36.4	36.5	(¹)	(¹)	(¹)	1.3	1.1	1.0
Lawrence-Haverhill	144.8	142.6	143.0	(¹)	(¹)	(¹)	4.4	4.8	4.7
Lowell	94.3	91.3	90.9	(¹)	(¹)	(¹)	3.0	2.8	2.8
New Bedford	59.7	58.3	58.6	(¹)	(¹)	(¹)	1.6	1.4	1.3
Pittsfield	39.4	39.1	39.1	.1	.1	.1	1.9	1.9	1.9
Springfield	218.8	214.0	214.2	.2	.2	.2	5.3	5.1	5.0
Worcester	179.2	173.6	174.8	.1	.1	.1	5.6	4.8	4.8
Michigan	3,930.2	3,926.3	3,937.5	9.0	9.0	8.9	132.8	137.1	132.5
Ann Arbor	181.9	179.4	180.9	(¹)	(¹)	(¹)	3.3	3.9	3.8
Battle Creek	59.0	60.2	60.5	(¹)	(¹)	(¹)	2.2	2.3	2.3
Benton Harbor	67.2	67.5	67.4	(¹)	(¹)	(¹)	2.0	2.1	2.0
Detroit	1,880.4	1,861.3	1,869.9	.8	.5	.5	61.4	60.2	60.1
Flint	168.4	167.2	168.2	(¹)	(¹)	(¹)	5.1	5.6	5.5
Grand Rapids	366.8	369.2	370.3	(¹)	(¹)	(¹)	15.9	16.0	15.6
Jackson	53.2	54.4	54.3	(¹)	(¹)	(¹)	1.7	1.9	1.8
Kalamazoo	114.7	115.0	115.8	(¹)	(¹)	(¹)	3.5	3.5	3.4
Lansing-East Lansing	219.8	217.7	219.7	(¹)	(¹)	(¹)	5.6	5.7	5.6
Muskegon	57.3	57.0	56.5	(¹)	(¹)	(¹)	2.1	2.1	2.0
Saginaw-Bay City-Midland	165.9	166.3	165.8	(¹)	(¹)	(¹)	7.6	7.7	7.3
Minnesota	2,160.1	2,217.0	2,212.8	7.7	6.2	7.6	76.9	84.2	78.3
Duluth	100.7	99.9	99.4	5.2	5.4	5.1	3.8	4.1	3.9
Minneapolis-St. Paul	1,380.1	1,415.3	1,415.3	(¹)	(¹)	(¹)	47.1	51.1	48.2
Rochester	67.5	68.7	68.9	(¹)	(¹)	(¹)	2.3	2.5	2.4
St. Cloud	85.4	87.6	86.0	(¹)	(¹)	(¹)	4.2	4.5	4.2
Mississippi	951.8	966.5	969.1	5.4	4.9	5.0	35.1	37.5	37.3
Jackson	188.9	186.4	189.3	.5	.7	.7	7.0	7.1	7.2
Missouri	2,311.7	2,310.7	2,308.7	4.7	4.7	4.6	89.1	95.0	91.4
Kansas City	777.9	780.1	779.9	(¹)	(¹)	(¹)	29.5	30.8	29.7
St. Louis	1,160.4	1,163.6	1,162.2	(¹)	(¹)	(¹)	49.9	51.5	48.6
Springfield	124.3	124.0	124.6	(¹)	(¹)	(¹)	5.0	5.2	5.0
Montana	306.3	316.4	315.3	5.9	5.8	5.9	12.4	13.6	13.3
Nebraska	742.9	744.3	747.1	1.5	1.5	1.4	27.9	29.4	28.7
Lincoln	125.2	126.0	126.9	(¹)	(¹)	(¹)	5.1	5.5	5.3
Omaha	331.7	332.0	331.9	(¹)	(¹)	(¹)	13.1	14.8	14.5
Nevada	643.3	654.9	660.2	13.5	13.8	13.7	40.5	44.9	45.0
Las Vegas	392.9	401.7	406.7	.3	.3	.3	28.2	31.6	31.8
Reno	144.7	146.3	146.9	1.4	1.4	1.4	6.7	6.9	6.9
New Hampshire	482.0	480.1	478.7	.4	.4	.4	17.2	17.8	17.0
Manchester	75.4	74.2	74.4	(¹)	(¹)	(¹)	2.6	2.6	2.4
Nashua	82.3	79.9	81.0	(¹)	(¹)	(¹)	2.3	2.2	2.3
Portsmouth-Dover-Rochester	103.9	102.2	102.4	(¹)	(¹)	(¹)	3.2	3.5	3.2
New Jersey	3,489.4	3,403.9	3,412.1	1.9	2.0	2.0	121.3	107.6	105.0
Atlantic City	162.4	164.4	162.5	(¹)	(¹)	(¹)	6.1	5.0	5.1
Bergen-Passaic	812.8	588.7	588.2	(¹)	(¹)	(¹)	23.8	18.9	18.1
Camden	433.6	424.4	427.3	(¹)	(¹)	(¹)	17.9	16.8	16.4
Jersey City	238.2	234.4	235.4	(¹)	(¹)	(¹)	4.8	4.1	4.1
Middlesex-Somerset-Hunterdon	529.1	512.3	514.6	.5	.6	.6	17.0	14.6	14.2
Monmouth-Ocean	318.3	317.9	317.0	(¹)	(¹)	(¹)	13.5	14.0	13.3
Newark	890.1	865.7	888.6	.6	.5	.5	30.4	27.9	27.3
Trenton	193.2	190.6	190.9	(¹)	(¹)	(¹)	4.2	3.8	3.7
Vineland-Millville-Bridgeton	57.8	57.2	56.3	.3	.3	.3	2.0	1.9	1.8

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a
Maine	96.6	95.8	95.8	21.7	23.3	22.8	128.3	129.1	127.2
Lewiston-Auburn	8.0	8.2	7.9	1.4	1.4	1.4	10.6	10.6	10.8
Portland	15.0	14.1	13.5	5.3	5.4	5.2	35.6	35.7	36.3
Maryland	191.3	183.8	183.0	101.0	99.2	99.3	507.9	491.4	498.3
Baltimore MSA	119.7	113.2	112.9	55.1	54.2	54.7	253.7	244.3	245.6
Baltimore City	41.0	40.2	40.4	23.1	22.7	22.5	76.6	73.9	73.8
Suburban Maryland-D.C.	33.8	32.9	33.2	31.9	31.3	31.4	188.4	182.1	184.2
Massachusetts	478.7	457.9	456.9	124.8	122.4	122.7	656.8	637.4	641.4
Boston	219.3	208.5	208.0	73.1	71.1	71.3	340.4	330.0	334.5
Brockton	8.8	8.8	8.7	4.2	4.0	4.0	20.6	19.9	20.0
Fall River	12.8	12.7	12.7	1.8	1.6	1.6	13.1	12.8	12.9
Fitchburg-Leominster	10.6	10.5	10.6	1.4	1.4	1.4	9.2	9.4	9.6
Lawrence-Haverhill	42.6	41.5	41.5	6.2	6.5	6.5	32.0	30.5	31.0
Lowell	29.1	27.5	26.8	4.9	5.0	5.0	20.8	19.9	20.0
New Bedford	15.1	14.4	14.7	2.4	2.4	2.3	15.4	15.2	15.2
Pittsfield	7.8	8.1	8.0	1.3	1.3	1.2	9.9	9.2	9.4
Springfield	43.4	42.7	43.0	9.1	8.9	8.8	49.5	47.3	47.5
Worcester	37.1	35.3	35.3	8.8	8.7	8.7	42.1	40.2	40.9
Michigan	911.8	906.2	909.1	158.2	159.1	158.9	933.4	926.3	933.7
Ann Arbor	38.8	37.9	37.8	5.3	5.2	5.3	33.2	32.8	33.1
Battle Creek	15.7	15.8	15.9	1.8	2.0	2.0	13.3	13.3	13.6
Benton Harbor	20.9	20.6	20.6	2.8	2.9	2.9	13.7	13.8	13.8
Detroit	423.7	427.0	430.3	86.5	87.1	87.1	457.0	437.0	441.6
Flint	47.8	46.6	48.7	5.0	5.2	5.2	40.6	40.1	40.6
Grand Rapids	101.6	101.5	101.9	13.4	13.8	13.6	97.1	97.6	98.8
Jackson	11.6	11.7	11.8	3.5	3.6	3.7	13.4	13.7	13.9
Kalamazoo	28.2	27.5	27.6	3.2	3.1	3.1	25.7	25.7	26.2
Lansing-East Lansing	30.8	29.7	30.8	6.3	6.3	6.3	48.3	48.5	49.1
Muskegon	15.4	14.6	14.4	2.1	2.3	2.3	14.1	14.1	14.3
Saginaw-Bay City-Midland	43.9	43.5	43.3	6.3	6.1	6.2	41.5	41.2	41.8
Minnesota	392.8	401.1	397.3	111.7	112.4	111.6	521.4	529.1	532.7
Duluth	8.4	8.1	8.0	6.1	6.1	6.0	25.5	25.2	25.0
Minneapolis-St. Paul	255.7	259.8	258.4	78.8	79.4	78.8	329.2	333.4	336.6
Rochester	11.3	11.9	11.7	2.1	2.0	2.1	14.0	13.8	14.0
St. Cloud	15.3	15.8	15.6	4.3	4.4	4.4	24.4	24.8	25.3
Mississippi	251.4	247.7	248.4	45.0	44.4	44.5	199.9	200.9	202.9
Jackson	23.4	22.6	22.6	13.0	13.4	13.6	44.4	44.2	44.9
Missouri	413.7	405.3	407.6	152.4	148.8	147.9	554.8	547.8	551.5
Kansas City	106.3	105.2	105.2	64.3	63.7	63.1	196.6	196.4	199.1
St. Louis	203.4	199.6	200.9	78.3	77.7	77.7	271.1	271.2	274.4
Springfield	21.1	19.1	19.4	7.5	7.5	7.6	34.9	34.4	34.8
Montana	22.2	22.7	22.5	20.5	20.6	20.6	82.0	84.3	84.1
Nebraska	99.7	100.1	99.5	47.8	47.9	48.0	189.0	184.5	184.9
Lincoln	14.9	15.1	15.0	7.5	7.4	7.4	26.2	25.6	26.0
Omaha	35.4	34.8	34.7	24.2	24.5	24.5	82.5	79.9	80.0
Nevada	26.0	26.2	26.2	33.4	33.0	33.2	131.3	131.9	133.4
Las Vegas	10.5	11.2	11.2	20.7	20.5	20.6	80.9	81.6	82.6
Reno	8.9	9.0	8.9	9.4	9.3	9.4	33.8	33.4	33.9
New Hampshire	98.2	96.5	96.3	17.4	17.3	17.1	119.1	113.9	114.1
Manchester	10.4	9.8	10.0	4.3	4.1	4.1	18.5	17.4	17.7
Nashua	28.7	27.2	27.2	2.6	2.7	2.7	18.8	17.9	18.7
Portsmouth-Dover-Rochester	19.2	19.2	19.1	2.8	2.8	2.8	23.7	22.6	22.6
New Jersey	555.9	528.2	526.9	230.2	225.2	225.5	823.2	781.1	789.5
Atlantic City	7.6	7.5	7.5	6.8	6.8	6.7	32.3	32.8	32.0
Bergen-Passaic	126.1	120.9	119.5	26.0	26.7	26.9	172.6	162.1	163.2
Camden	59.5	57.8	58.1	19.7	18.3	18.5	117.5	113.3	115.2
Jersey City	36.2	34.1	34.2	29.5	28.7	28.6	61.9	60.3	60.8
Middlesex-Somerset-Hunterdon	100.7	95.3	95.1	42.9	41.7	41.9	127.6	118.9	121.2
Monmouth-Ocean	22.6	21.8	21.8	15.6	15.2	14.9	84.7	82.6	82.6
Newark	148.1	141.6	141.3	74.3	74.1	73.7	173.6	165.1	167.5
Trenton	25.3	24.8	24.8	6.9	6.5	6.6	30.6	29.8	30.8
Vineland-Millville-Bridgeton	14.7	14.7	13.7	2.3	2.2	2.2	10.4	10.0	10.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a
Maine	24.8	25.5	25.4	124.4	130.3	127.6	100.5	97.8	99.3
Lewiston-Auburn	2.0	2.0	2.0	10.5	10.7	10.8	4.3	4.4	4.4
Portland	12.4	12.4	12.4	33.6	33.6	33.8	16.6	16.6	16.7
Maryland	129.5	125.9	125.8	618.2	613.1	612.4	424.0	414.8	416.9
Baltimore MSA	74.4	72.3	72.2	331.3	329.1	328.9	214.9	210.3	210.9
Baltimore City	42.3	40.9	40.8	144.0	142.2	142.8	91.0	88.3	88.1
Suburban Maryland-D.C.	45.9	45.0	45.0	229.1	228.2	228.0	166.7	163.6	164.1
Massachusetts	201.8	196.1	196.3	897.4	908.9	908.5	384.9	373.3	377.1
Boston	140.1	137.9	138.2	572.7	567.0	566.8	195.1	186.0	188.6
Brockton	2.8	2.9	2.9	15.2	15.3	15.5	11.6	11.4	11.7
Fall River	2.9	2.9	2.9	10.4	10.7	10.8	6.7	6.6	6.7
Fitchburg-Leominster	1.4	1.5	1.5	8.1	7.9	7.8	4.5	4.6	4.6
Lawrence-Haverhill	5.1	5.1	5.1	34.7	35.2	35.0	19.8	19.0	19.2
Lowell	3.3	3.3	3.4	20.4	20.1	20.1	12.8	12.7	12.8
New Bedford	2.4	2.4	2.4	13.6	13.5	13.6	9.2	9.0	9.1
Pittsfield	2.1	2.0	2.0	11.6	11.9	11.9	4.7	4.6	4.6
Springfield	14.2	13.3	13.3	60.6	61.5	61.4	36.3	35.0	35.0
Worcester	13.2	13.0	13.0	48.8	48.6	48.6	23.5	22.9	23.2
Michigan	188.7	187.4	186.7	942.6	953.5	953.4	653.7	647.8	654.3
Ann Arbor	4.9	4.8	4.8	37.7	38.6	38.5	58.8	56.1	57.8
Battle Creek	3.2	3.3	3.3	11.8	12.1	12.1	11.0	11.3	11.3
Benton Harbor	2.7	2.7	2.7	15.8	15.9	16.0	9.4	9.6	9.5
Detroit	109.0	106.8	106.5	502.8	505.6	503.3	239.2	237.0	240.5
Flint	6.1	5.8	5.8	39.5	40.1	40.3	24.4	23.7	24.1
Grand Rapids	15.8	16.0	16.1	86.2	87.5	87.1	36.8	36.8	37.2
Jackson	1.7	1.7	1.7	10.9	11.3	11.1	10.3	10.4	10.3
Kalamazoo	6.1	6.2	6.2	28.4	29.5	29.4	19.8	19.6	19.8
Lansing-East Lansing	12.1	12.2	12.2	44.1	44.5	44.3	27.7	27.8	27.4
Muskegon	1.6	1.6	1.7	12.3	12.8	12.4	9.7	9.5	9.5
Saginaw-Bay City-Midland	5.9	5.7	5.7	38.4	39.7	39.4	22.3	22.3	22.1
Minnesota	127.9	128.9	129.1	564.0	595.4	592.8	357.7	357.7	363.4
Duluth	3.4	3.4	3.5	26.1	26.1	25.8	22.2	21.5	22.1
Minneapolis-St. Paul	99.5	99.6	99.8	373.2	395.6	394.6	196.2	196.0	199.7
Rochester	1.7	1.7	1.7	29.1	29.7	29.8	7.0	7.1	7.2
St. Cloud	2.5	2.6	2.6	20.2	20.4	20.6	14.5	15.1	15.3
Mississippi	38.8	38.8	38.9	166.5	181.6	181.1	209.8	210.7	211.0
Jackson	14.4	14.4	14.4	45.0	45.7	45.4	41.1	40.3	40.5
Missouri	135.6	135.6	135.5	581.9	591.9	584.5	379.5	381.6	385.7
Kansas City	59.3	59.0	59.0	198.1	200.5	199.1	123.8	124.5	124.7
St. Louis	73.3	72.5	72.9	329.1	342.4	337.5	149.3	148.7	150.2
Springfield	5.5	5.5	5.5	34.3	36.1	36.1	16.0	16.2	16.2
Montana	13.9	14.1	14.1	77.2	80.9	80.3	72.2	74.2	74.5
Nebraska	48.5	48.7	48.6	180.4	183.1	182.5	148.1	149.1	153.5
Lincoln	8.7	8.7	8.7	28.9	29.5	29.3	33.9	34.2	35.2
Omaha	28.3	28.7	28.5	99.4	100.8	101.0	48.8	48.5	48.7
Nevada	29.1	29.6	29.6	284.9	288.6	287.8	84.6	86.9	91.3
Las Vegas	18.7	19.1	19.2	188.9	191.5	192.0	44.7	45.9	49.0
Reno	7.4	7.4	7.3	57.5	58.8	58.2	19.6	20.1	20.9
New Hampshire	30.4	30.9	30.9	125.5	130.0	128.2	73.8	73.3	74.7
Manchester	8.2	8.3	8.3	22.9	23.5	23.2	8.5	8.5	8.7
Nashua	3.7	3.6	3.7	17.9	18.1	18.0	8.3	8.2	8.4
Portsmouth-Dover-Rochester	7.0	7.2	7.3	21.8	21.6	21.7	26.2	25.3	25.7
New Jersey	224.5	222.3	222.7	958.6	968.2	964.4	573.8	569.3	576.1
Atlantic City	6.2	5.8	5.8	75.7	77.7	76.6	27.7	28.8	28.8
Bergen-Passaic	34.9	34.8	34.9	156.8	156.9	155.8	70.6	68.4	69.8
Camden	22.8	22.4	22.5	117.5	119.8	119.7	78.9	76.0	76.9
Jersey City	16.1	18.7	18.7	47.6	47.9	48.2	40.1	40.6	40.8
Middlesex-Somerset-Hunterdon	40.0	40.7	40.7	121.7	122.8	122.3	78.7	77.7	78.6
Monmouth-Ocean	18.2	18.2	18.2	98.2	101.8	100.9	65.5	64.3	65.3
Newark	67.6	66.4	66.5	258.9	253.8	253.5	136.4	136.3	138.5
Trenton	11.8	11.6	11.7	60.9	61.4	61.2	53.5	52.9	52.3
Vineland-Millville-Bridgeton	4.3	4.2	4.2	11.0	11.1	10.8	12.8	12.8	12.9

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
New Mexico	588.0	595.8	596.8	16.0	15.5	15.7	28.9	29.9	29.7
Albuquerque	247.6	250.1	250.0	(¹)	(¹)	(¹)	11.8	12.7	12.4
Las Cruces	44.8	44.1	44.2	(¹)	(¹)	(¹)	2.0	1.8	1.8
Santa Fe	63.0	63.8	63.9	(¹)	(¹)	(¹)	3.2	3.1	3.0
New York	7,886.9	7,748.5	7,782.6	5.3	5.3	5.2	271.7	257.8	248.5
Albany-Schenectady-Troy	428.9	426.8	428.6	.4	.4	.4	17.6	18.1	17.3
Binghamton	117.4	113.0	113.2	(¹)	(¹)	(¹)	4.7	4.7	4.5
Buffalo	455.4	451.6	453.2	(¹)	(¹)	(¹)	16.9	17.9	16.9
Elmira	40.0	38.6	38.7	(¹)	(¹)	(¹)	1.5	1.5	1.5
Glens Falls	46.0	46.9	46.0	(¹)	(¹)	(¹)	2.2	2.1	2.1
Nassau-Suffolk	1,071.0	1,041.3	1,047.8	(¹)	(¹)	(¹)	44.3	41.9	41.4
New York PMSA	3,852.8	3,742.4	3,764.5	(¹)	(¹)	(¹)	119.2	108.9	107.2
New York City	3,349.4	3,250.3	3,270.3	.2	.2	.2	94.4	85.1	83.7
Niagara Falls	83.9	84.1	84.4	(¹)	(¹)	(¹)	3.8	4.0	3.8
Orange County	107.0	107.0	107.5	(¹)	(¹)	(¹)	3.6	3.4	3.3
Poughkeepsie	115.3	109.5	109.9	(¹)	(¹)	(¹)	5.2	5.0	4.8
Rochester	494.4	491.8	492.0	.8	.7	.7	18.1	17.5	17.0
Rockland County	99.0	96.7	97.4	(¹)	(¹)	(¹)	3.7	3.9	3.8
Syracuse	315.2	307.6	309.0	(¹)	(¹)	(¹)	14.3	14.2	14.1
Utica-Rome	124.5	123.9	123.7	(¹)	(¹)	(¹)	3.5	3.7	3.4
Westchester County	385.5	377.0	378.5	(¹)	(¹)	(¹)	19.6	18.6	18.4
North Carolina	3,115.7	3,135.9	3,145.6	5.0	4.9	4.9	145.2	143.0	142.6
Asheville	88.6	90.0	90.0	(¹)	(¹)	(¹)	4.4	4.4	4.4
Charlotte-Gastonia-Rock Hill	617.9	623.9	625.1	(¹)	(¹)	(¹)	30.8	31.7	31.5
Greensboro-Winston-Salem-High Point	492.5	495.9	497.0	(¹)	(¹)	(¹)	22.2	21.8	21.7
Raleigh-Durham	441.6	442.0	443.0	(¹)	(¹)	(¹)	20.3	19.6	19.6
North Dakota	276.0	282.9	282.0	4.3	4.0	3.9	11.0	12.7	11.4
Bismarck	42.6	42.9	43.1	(¹)	(¹)	(¹)	2.2	2.1	2.0
Fargo-Moorhead	81.7	83.4	83.2	(¹)	(¹)	(¹)	4.0	4.4	4.0
Grand Forks	33.3	34.0	34.1	(¹)	(¹)	(¹)	1.1	1.5	1.3
Ohio	4,851.5	4,837.0	4,849.6	15.7	15.2	14.8	178.6	188.5	182.0
Akron	286.3	287.3	288.6	.7	.7	.7	9.6	10.2	9.9
Canton	166.4	165.1	165.4	.7	.7	.7	7.2	7.1	8.9
Cincinnati	739.5	741.7	744.1	.4	.4	.4	31.7	33.9	32.9
Cleveland	925.9	915.8	916.4	.4	.7	.7	31.7	32.5	30.8
Columbus	726.2	728.6	733.6	.7	.8	.8	26.6	28.1	27.5
Dayton-Springfield	447.4	448.0	450.2	.4	.5	.5	14.1	15.0	14.6
Toledo	284.0	283.3	284.8	.2	.2	.2	10.6	11.0	10.6
Youngstown-Warren	196.7	194.8	195.1	.4	.3	.3	7.4	7.8	7.2
Oklahoma	1,212.2	1,200.8	1,198.1	41.3	35.6	35.6	38.8	38.9	38.3
Enid	22.2	22.8	23.0	.9	1.1	1.1	.7	.8	.8
Lawton	36.5	37.3	37.3	.2	.2	.2	1.3	1.3	1.3
Oklahoma City	435.3	434.9	435.0	10.8	9.5	9.8	13.0	14.8	14.4
Tulsa	328.3	326.4	325.4	11.2	10.7	10.7	11.7	11.3	11.1
Oregon	1,270.5	1,291.7	1,294.3	1.4	1.6	1.5	51.3	53.1	51.1
Eugene-Springfield	118.3	118.5	118.3	.2	.2	.2	4.0	4.2	3.9
Medford	57.1	57.7	57.8	.1	.1	.1	2.0	2.0	2.0
Portland	648.9	655.5	661.4	.6	.6	.6	28.3	29.3	28.3
Salem	109.5	113.9	112.0	.1	.1	.1	4.8	5.1	4.9
Pennsylvania	5,119.7	5,043.0	5,053.2	25.1	24.3	24.3	204.6	201.5	195.5
Allentown-Bethlehem	283.6	280.2	280.0	.5	.5	.5	11.5	10.6	10.6
Altoona	54.0	53.5	53.8	(¹)	(¹)	(¹)	2.2	2.3	2.3
Beaver County	50.6	51.0	50.4	(¹)	(¹)	(¹)	2.5	2.3	2.1
Erie	118.9	120.0	120.8	(¹)	(¹)	(¹)	3.6	4.4	4.3
Harrisburg-Lebanon-Carlisle	316.3	313.0	313.2	(¹)	(¹)	(¹)	13.3	13.7	13.1
Johnstown	83.4	81.2	81.1	(¹)	(¹)	(¹)	5.8	6.2	5.7
Lancaster	192.5	191.8	191.1	.4	.4	.4	11.1	11.2	10.9
Philadelphia PMSA	2,136.1	2,096.3	2,106.3	(¹)	(¹)	(¹)	75.4	71.2	71.4
Philadelphia City	724.0	711.3	712.1	(¹)	(¹)	(¹)	13.0	13.3	13.4
Pittsburgh	918.7	907.6	910.5	4.2	4.0	4.0	45.1	45.9	44.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
New Mexico	40.4	41.4	40.8	29.6	29.3	29.4	139.9	139.7	140.7
Albuquerque	20.2	20.0	20.1	12.1	11.7	11.7	60.7	60.7	61.4
Las Cruces	3.1	3.2	3.1	1.6	1.6	1.6	9.3	9.1	9.2
Santa Fe	1.9	1.9	1.9	1.1	1.1	1.1	12.9	13.0	13.1
New York	1,047.3	1,015.5	1,011.5	418.2	404.6	403.2	1,605.2	1,554.7	1,579.0
Albany-Schenectady-Troy	45.0	45.4	45.4	17.3	16.9	17.0	90.4	86.9	88.4
Binghamton	31.8	28.9	28.8	4.3	4.2	4.2	24.0	23.7	23.9
Buffalo	70.8	68.7	68.4	22.8	21.3	21.3	117.0	113.8	116.4
Elmira	8.5	7.9	7.8	1.4	1.4	1.4	9.7	9.2	9.3
Glens Falls	9.5	9.4	9.4	1.6	1.8	1.7	10.3	10.8	10.5
Nassau-Suffolk	131.0	124.3	123.7	51.1	48.7	48.8	278.2	264.9	268.6
New York PMSA	373.1	361.5	359.6	243.7	232.6	231.7	666.5	630.9	641.3
New York City	304.3	296.3	294.4	217.0	206.5	205.5	556.4	526.6	536.0
Niagara Falls	21.6	21.2	21.5	4.2	4.6	4.4	20.7	20.3	20.8
Orange County	12.5	12.5	12.4	6.3	6.3	6.3	28.0	29.0	29.6
Poughkeepsie	27.9	24.3	24.3	3.7	3.5	3.5	20.8	20.2	20.7
Rochester	130.4	127.9	127.3	15.3	15.5	15.5	104.0	102.4	103.7
Rockland County	14.1	13.7	13.8	5.7	5.7	5.7	22.0	21.4	21.5
Syracuse	49.2	46.1	46.1	20.1	19.1	19.1	75.9	73.9	75.0
Utica-Rome	21.9	21.2	21.0	4.3	4.1	4.1	26.7	26.6	26.8
Westchester County	52.6	49.5	49.4	20.4	19.8	19.8	83.8	78.6	79.5
North Carolina	834.1	838.1	837.7	155.1	156.9	157.0	715.8	706.0	712.1
Asheville	19.0	18.7	18.7	4.2	4.2	4.2	21.9	21.9	22.0
Charlotte-Gastonia-Rock Hill	146.6	148.2	148.7	49.8	49.9	49.8	151.6	150.7	151.5
Greensboro-Winston-Salem-High Point	143.6	145.0	145.1	26.7	26.7	26.7	111.8	110.7	111.2
Raleigh-Durham	64.2	64.4	64.3	22.5	22.1	22.1	89.7	86.7	87.6
North Dakota	18.3	19.0	18.4	17.4	17.3	17.3	72.9	73.4	74.1
Bismarck	2.3	2.3	2.3	3.0	3.0	3.0	10.9	10.7	11.1
Fargo-Moorhead	6.3	6.2	6.0	4.6	4.5	4.5	23.5	24.4	24.6
Grand Forks	1.8	1.6	1.7	1.8	1.8	1.7	9.9	10.0	10.1
Ohio	1,068.7	1,050.2	1,049.9	209.9	207.5	207.2	1,163.3	1,145.0	1,159.1
Akron	63.8	62.8	63.1	13.3	13.5	13.5	68.6	68.4	69.1
Canton	43.8	42.3	42.2	5.1	5.2	5.2	42.1	41.7	42.1
Cincinnati	143.9	140.7	141.3	40.6	40.8	40.7	192.4	189.2	192.3
Cleveland	194.6	189.3	189.0	39.2	38.1	38.0	220.7	216.2	218.2
Columbus	103.2	101.6	102.4	31.1	31.1	31.2	183.4	180.6	183.8
Dayton-Springfield	97.9	94.7	95.0	17.3	17.7	17.7	102.6	102.1	103.7
Toledo	55.5	54.5	54.4	13.1	13.2	13.2	71.7	70.3	71.4
Youngstown-Warren	46.4	45.7	45.6	7.0	7.0	7.0	53.2	51.3	51.8
Oklahoma	169.0	163.7	164.0	68.9	67.8	67.4	287.4	283.9	284.5
Enid	1.5	1.5	1.7	2.2	2.3	2.3	6.0	6.2	6.2
Lawton	3.2	3.4	3.4	1.9	1.9	1.9	8.6	8.5	8.8
Oklahoma City	46.4	47.1	47.2	20.9	20.5	20.3	107.9	105.2	105.6
Tulsa	57.1	54.9	54.8	26.8	26.2	26.2	78.6	78.1	78.9
Oregon	210.1	213.1	207.1	65.0	65.3	65.3	322.2	324.0	326.8
Eugene-Springfield	18.7	19.0	18.5	4.4	4.4	4.4	30.7	29.8	30.2
Medford	8.4	8.7	8.7	3.0	2.8	2.9	17.8	17.9	18.1
Portland	102.4	102.5	102.4	39.0	38.3	38.4	169.0	168.7	171.5
Salem	15.1	17.5	14.8	3.0	3.1	3.1	23.7	24.3	24.7
Pennsylvania	971.5	943.9	941.3	267.0	261.5	262.8	1,171.6	1,138.0	1,151.9
Allentown-Bethlehem	72.5	69.5	69.5	14.1	13.8	14.0	61.7	59.2	60.1
Altoona	10.5	10.2	10.1	4.7	4.6	4.6	14.2	13.9	14.2
Beaver County	9.1	9.1	9.2	4.8	4.9	4.9	11.5	11.2	11.3
Erie	34.5	35.1	35.0	3.9	3.9	3.9	26.4	25.7	26.4
Harrisburg-Lebanon-Carlisle	48.0	47.5	47.0	19.9	19.1	19.2	71.1	69.4	69.9
Johnstown	14.1	12.5	12.5	5.5	5.4	5.3	19.1	18.8	19.6
Lancaster	54.7	54.6	54.4	7.8	7.6	7.4	49.2	48.6	48.4
Philadelphia PMSA	321.9	312.7	311.3	102.1	97.6	98.7	487.0	469.0	473.3
Philadelphia City	74.5	73.2	72.8	38.7	38.2	38.3	126.2	120.8	121.5
Pittsburgh	115.4	112.4	112.1	55.3	55.8	55.9	224.1	218.8	221.9

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
New Mexico	26.1	26.4	26.4	152.1	156.1	155.9	155.0	157.5	158.2
Albuquerque	13.9	14.2	14.2	77.7	78.4	78.3	51.2	52.4	51.9
Las Cruces	1.6	1.7	1.7	8.7	8.4	8.4	18.5	18.3	18.4
Santa Fe	2.5	2.6	2.8	17.3	17.7	17.7	24.1	24.4	24.5
New York	745.7	735.5	736.0	2,339.4	2,354.0	2,360.8	1,454.1	1,421.2	1,438.4
Albany-Schenectady-Troy	26.1	26.7	26.8	118.4	119.5	119.4	113.8	112.8	114.2
Binghamton	4.2	4.1	4.1	26.8	26.4	26.4	21.6	21.0	21.3
Buffalo	26.8	26.1	26.2	125.8	128.7	128.2	75.6	75.1	75.9
Elmira	1.4	1.4	1.4	10.5	10.3	10.3	7.0	6.9	7.0
Glens Falls	1.6	1.6	1.6	11.0	11.7	11.1	9.8	9.5	9.6
Nassau-Suffolk	79.4	77.5	77.3	304.4	307.4	308.9	182.6	176.6	179.0
New York PMSA	524.7	513.6	514.6	1,257.8	1,246.3	1,254.7	667.8	648.6	655.3
New York City	491.0	480.3	481.2	1,101.3	1,088.7	1,097.2	584.7	566.6	572.1
Niagara Falls	1.9	2.0	2.0	18.3	18.6	18.5	13.4	13.4	13.5
Orange County	5.4	5.4	5.4	25.2	25.4	25.2	26.0	25.1	25.3
Poughkeepsie	4.4	4.2	4.2	30.0	29.0	28.9	23.3	23.3	23.4
Rochester	23.8	23.2	23.1	130.4	133.4	132.7	71.6	71.0	71.9
Rockland County	4.7	4.7	4.6	28.1	27.5	27.5	20.7	19.9	20.2
Syracuse	20.6	20.0	19.9	80.6	81.2	81.1	54.4	53.1	53.7
Utica-Rome	7.7	7.6	7.6	29.4	30.2	30.1	31.0	30.4	30.7
Westchester County	28.1	27.9	28.0	122.9	124.6	124.5	58.2	58.0	58.9
North Carolina	134.8	138.4	138.2	609.0	630.9	630.1	516.7	517.7	523.0
Asheville	2.9	3.0	2.9	22.0	23.0	22.9	14.2	14.8	14.9
Charlotte-Gastonia-Rock Hill	39.6	39.7	39.6	124.1	129.0	128.4	75.4	74.7	75.6
Greensboro-Winston-Salem-High Point	23.9	24.5	24.4	106.6	109.2	109.3	57.7	58.0	58.6
Raleigh-Durham	23.2	23.3	23.2	121.0	124.1	124.5	100.7	101.8	101.7
North Dakota	12.8	12.9	13.1	71.8	74.9	74.7	87.5	68.7	69.1
Bismarck	1.8	1.8	1.8	13.1	13.4	13.3	9.3	9.6	9.6
Fargo-Moorhead	4.9	5.0	5.1	22.8	23.3	23.5	15.6	15.8	15.5
Grand Forks	1.2	1.2	1.2	7.4	7.8	7.7	10.1	10.1	10.4
Ohio	258.3	256.8	256.6	1,207.5	1,230.0	1,227.2	751.7	743.8	752.6
Akron	11.0	11.2	11.2	71.0	73.6	73.4	48.3	46.9	47.8
Canton	6.8	6.7	6.7	41.1	41.9	42.0	19.6	19.4	19.7
Cincinnati	43.3	43.1	43.1	192.1	197.5	196.8	95.2	96.1	96.6
Cleveland	59.2	59.5	59.5	259.3	282.5	282.5	120.7	117.1	117.5
Columbus	61.2	61.5	61.5	184.6	188.3	188.0	135.4	136.6	138.4
Dayton-Springfield	17.5	17.8	17.6	119.1	122.5	123.0	78.4	77.8	78.3
Toledo	11.6	11.3	11.2	74.3	76.2	76.3	47.0	46.5	47.5
Youngstown-Warren	9.0	9.0	9.0	47.7	48.7	48.6	25.4	25.1	25.5
Oklahoma	60.5	60.0	60.0	275.2	275.7	273.3	271.1	275.2	275.0
Enid .....	.9	.9	.9	5.8	5.9	5.9	4.2	4.1	4.1
Lawton	1.9	1.9	1.9	7.3	7.8	7.6	12.1	12.3	12.2
Oklahoma City	25.1	25.4	25.4	107.9	110.2	110.1	103.3	102.2	102.2
Tulsa	17.4	17.8	17.7	84.9	86.0	85.1	40.8	41.4	40.9
Oregon	84.5	87.5	87.6	302.5	311.0	309.3	233.5	236.1	245.8
Eugene-Springfield	6.2	6.2	6.2	28.5	29.6	29.4	25.6	25.1	25.5
Medford	2.6	2.6	2.6	13.0	13.4	13.2	10.2	10.2	10.2
Portland	53.2	55.2	55.3	168.1	171.2	169.8	88.3	89.7	95.1
Salem	6.1	6.2	6.2	24.0	24.9	24.6	32.7	32.7	33.6
Pennsylvania	299.9	299.0	298.7	1,462.3	1,477.7	1,478.9	717.7	697.1	701.8
Allentown-Bethlehem	13.8	13.8	13.8	76.7	80.3	78.8	32.8	32.5	32.7
Altoona	2.1	2.0	2.0	12.7	12.9	13.0	7.6	7.6	7.6
Beaver County	1.6	1.6	1.5	12.9	13.7	13.2	8.2	8.2	8.2
Erie	5.6	5.8	8.0	30.9	31.7	31.7	14.0	13.4	13.5
Harrisburg-Lebanon-Carlisle	23.3	23.3	23.3	71.8	73.0	73.0	68.9	67.0	67.7
Johnstown	4.4	4.4	4.4	21.4	21.0	20.6	13.1	12.9	13.0
Lancaster	8.5	8.5	8.5	43.1	43.9	43.9	17.7	17.0	17.2
Philadelphia PMSA	155.2	155.1	155.2	690.4	693.4	697.5	304.1	297.3	298.9
Philadelphia City	60.8	60.0	59.9	271.2	268.7	269.1	139.6	137.1	137.1
Pittsburgh	55.1	55.4	55.5	313.2	315.1	315.5	106.3	100.2	101.2

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
Pennsylvania-Continued									
Reading	152.3	148.7	149.6	(¹)	(¹)	(¹)	6.8	6.3	6.2
Scranton-Wilkes-Barre	302.1	299.0	298.9	0.7	0.7	0.7	12.0	12.8	12.4
Sharon	43.2	42.6	41.1	(¹)	(¹)	(¹)	1.3	1.4	1.4
State College	62.8	63.2	62.2	.1	.1	.1	2.5	2.4	2.2
Williamsport	51.6	51.3	51.3	(¹)	(¹)	(¹)	2.3	2.4	2.4
York	180.9	178.6	177.9	.5	.5	.5	8.7	8.5	8.0
Rhode Island									
Pawtucket-Woonsocket-Attleboro	426.7	418.8	419.0	.1	.2	.2	13.2	11.8	11.7
Providence	122.2	121.2	122.3	.2	.3	.2	3.4	4.1	4.2
	303.1	296.5	296.6	.1	.1	.1	9.5	8.3	8.2
South Carolina									
Charleston	1,521.4	1,512.2	1,513.7	1.8	1.7	1.8	85.7	81.0	80.8
Columbia	207.9	207.4	207.9	(¹)	(¹)	(¹)	13.8	13.1	13.1
Greenville-Spartanburg	244.8	242.1	243.0	(¹)	(¹)	(¹)	12.1	12.1	11.9
	334.6	333.3	334.5	(¹)	(¹)	(¹)	23.0	22.9	23.0
South Dakota									
Rapid City	301.4	307.5	308.6	2.7	2.7	2.7	12.5	12.9	12.2
Sioux Falls	40.0	41.5	41.0	(¹)	(¹)	(¹)	2.7	2.7	2.4
	80.0	82.0	81.5	(¹)	(¹)	(¹)	3.9	4.3	3.8
Tennessee									
Chattanooga	2,196.7	2,211.8	2,213.0	5.4	5.1	5.1	88.5	84.2	82.8
Johnson City-Kingsport-Bristol	201.9	204.5	205.0	.7	.7	.7	8.7	6.5	6.5
Knoxville	180.4	179.1	178.4	(¹)	(¹)	(¹)	9.1	9.9	9.8
Memphis	277.3	277.4	277.9	1.3	1.4	1.4	11.9	11.6	11.6
Nashville	474.8	476.5	477.5	(¹)	(¹)	(¹)	18.7	18.5	18.5
	498.7	500.7	501.1	(¹)	(¹)	(¹)	20.4	19.7	19.6
Texas									
Abilene	7,245.8	7,315.4	7,342.5	180.7	173.4	173.5	353.3	355.9	355.2
Amarillo	49.4	50.8	50.8	1.4	1.4	1.4	1.5	1.8	1.8
Austin	80.4	81.0	80.6	.8	.7	.7	3.1	2.9	2.9
Beaumont-Port Arthur	398.0	402.2	403.9	.7	.7	.7	12.8	13.9	14.0
Brazoria	153.3	156.3	156.6	2.0	1.9	1.9	17.3	17.7	17.8
Brownsville-Harlingen	73.0	73.4	73.5	2.0	2.0	2.0	12.7	12.0	12.1
Bryan-College Station	79.1	82.6	83.2	(¹)	(¹)	(¹)	2.3	2.3	2.3
Corpus Christi	58.7	60.4	60.1	.7	.6	.6	1.7	1.8	1.8
Dallas	136.5	138.5	137.9	3.9	3.5	3.5	11.5	11.5	11.6
El Paso	1,385.5	1,383.2	1,387.3	18.1	17.9	17.9	44.0	44.4	44.1
Fort Worth-Arlington	211.2	216.2	217.3	(¹)	(¹)	(¹)	7.6	8.0	8.2
Galveston-Texas City	589.0	591.5	592.0	4.4	4.4	4.5	20.0	20.1	19.8
Houston	79.4	79.5	81.1	.8	.7	.7	4.5	4.8	4.9
Killeen-Temple	1,646.5	1,639.4	1,643.1	68.5	66.8	66.5	115.7	112.8	113.0
Laredo	75.7	78.6	79.3	(¹)	(¹)	(¹)	2.6	3.0	3.1
Longview-Marshall	48.1	50.8	50.9	1.9	1.9	1.9	1.6	1.5	1.5
Lubbock	70.7	70.8	70.8	3.5	3.4	3.3	3.6	3.5	3.4
McAllen-Edinburg-Mission	98.1	98.7	99.1	.2	.2	.2	3.7	3.8	3.7
Midland	106.0	109.0	111.2	.8	.8	.8	4.4	4.4	4.4
Odessa	47.0	46.0	46.0	9.6	9.2	9.2	1.4	1.4	1.4
San Angelo	38.4	44.9	45.0	5.6	5.0	4.9	2.6	2.8	2.8
San Antonio	39.2	39.2	39.2	.6	.6	.6	1.1	1.1	1.2
Sherman-Denison	533.0	543.3	547.0	1.9	1.8	1.8	22.1	22.6	22.7
Texasarkana	37.2	37.0	37.2	(¹)	(¹)	(¹)	1.5	1.5	1.5
Tyler	46.8	47.9	47.9	.1	.1	.1	1.5	1.5	1.6
Victoria	63.3	64.0	64.0	1.7	1.8	1.8	2.2	2.3	2.3
Waco	30.8	30.6	30.9	1.6	1.5	1.6	2.0	1.9	1.8
Wichita Falls	83.9	84.3	84.2	(¹)	(¹)	(¹)	3.2	3.1	3.1
	50.2	50.5	50.6	1.4	1.4	1.4	1.4	1.5	1.5

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
Pennsylvania—Continued									
Reading	44.3	43.8	43.9	6.5	6.4	8.4	34.3	32.7	33.5
Scranton-Wilkes-Barre	66.5	64.7	64.5	16.4	16.0	16.2	72.5	70.0	69.9
Sharon	11.1	9.9	8.8	2.1	2.3	2.3	10.3	10.2	10.2
State College	8.4	8.6	8.7	1.6	1.6	1.6	13.0	13.0	12.8
Williamsport	14.9	14.6	14.1	1.8	1.8	1.8	11.9	11.9	12.1
York	55.8	54.2	54.2	8.4	8.2	8.2	47.7	46.8	46.7
Rhode Island									
Pawtucket-Woonsocket-Attleboro	43.2	42.1	42.4	3.8	3.4	3.4	30.4	29.0	29.5
Providence	57.9	55.3	55.4	11.1	11.1	10.8	60.0	58.2	58.2
South Carolina									
Charleston	20.7	20.5	20.7	11.3	10.4	10.4	50.3	49.0	49.5
Columbia	26.7	26.1	26.1	11.2	10.3	10.2	55.3	55.9	56.5
Greenville-Spartanburg	95.1	92.9	93.1	14.3	14.0	13.9	78.4	79.9	80.5
South Dakota									
Rapid City	4.2	4.5	4.8	1.9	2.0	2.0	11.5	12.4	12.3
Sioux Falls	9.7	10.3	10.2	5.1	5.2	5.3	22.8	23.4	23.3
Tennessee									
Chattanooga	44.1	44.0	44.1	8.4	8.5	8.5	48.9	50.3	50.8
Johnson City-Kingsport-Bristol	54.8	53.4	52.8	8.5	6.6	6.8	40.5	40.7	41.0
Knoxville	52.0	50.6	50.8	10.5	10.5	10.6	72.7	71.8	72.2
Memphis	60.3	60.5	60.3	46.8	47.9	48.0	125.1	123.0	124.0
Nashville	87.0	88.9	88.7	28.5	28.5	28.7	124.3	124.9	125.8
Texas									
Abilene	4.3	4.4	4.3	2.7	2.8	2.8	13.2	13.0	13.0
Amarillo	8.9	8.8	8.7	5.4	5.8	5.9	23.2	23.1	23.0
Austin	51.4	52.5	52.6	13.1	13.2	13.4	81.1	80.4	81.9
Beaumont-Port Arthur	25.7	25.7	25.6	9.9	10.0	10.0	33.6	34.3	34.8
Brazoria	17.4	17.4	17.5	2.8	2.7	2.6	13.0	13.5	13.5
Brownsville-Harlingen	11.6	12.4	12.5	3.6	3.8	3.9	21.5	22.8	23.0
Bryan-College Station	3.8	4.2	4.2	1.5	1.5	1.5	12.5	13.2	12.9
Corpus Christi	13.1	13.2	13.1	6.9	6.8	6.8	32.1	32.9	32.7
Dallas	211.1	209.4	209.2	85.3	86.8	87.1	360.2	356.8	362.0
El Paso	40.3	44.6	44.4	10.5	11.1	11.2	53.9	53.0	53.8
Ft. Worth-Arlington	104.9	102.9	103.0	58.9	59.2	58.5	150.7	146.2	148.1
Galveston-Texas City	8.9	8.6	8.5	5.6	5.3	5.3	16.5	16.2	16.4
Houston	181.6	178.4	178.3	113.3	109.1	108.8	384.4	381.0	382.9
Killeen-Temple	8.1	8.6	8.6	2.6	2.7	2.7	16.8	17.3	17.6
Laredo	1.8	1.7	1.7	7.2	7.5	7.6	14.9	16.0	16.0
Longview-Marshall	15.8	16.0	16.1	3.5	3.5	3.5	17.7	17.6	17.6
Lubbock	6.6	6.9	6.9	5.5	5.1	5.4	27.4	27.0	27.0
McAllen-Edinburg-Mission	12.7	13.4	13.4	2.9	3.3	3.3	32.7	33.6	35.4
Midland	2.4	2.3	2.2	2.4	2.3	2.2	11.2	11.2	11.4
Odessa	4.6	4.2	4.3	2.3	2.3	2.2	12.6	12.4	12.5
San Angelo	5.1	5.4	5.4	2.6	2.8	2.8	9.6	9.6	9.6
San Antonio	46.0	46.5	46.5	23.3	23.9	24.1	132.4	133.8	136.1
Sherman-Denison	10.3	9.7	9.7	1.6	1.7	1.7	7.8	7.7	7.7
Texarkana	6.4	6.3	6.3	2.2	2.2	2.1	11.0	11.3	11.4
Tyler	10.6	10.7	10.6	2.9	2.9	2.9	16.0	16.4	16.5
Victoria	2.9	2.8	2.9	1.5	1.5	1.4	8.5	8.5	8.7
Waco	15.1	14.9	15.1	3.4	3.4	3.4	19.4	19.6	19.8
Wichita Falls	8.0	7.9	7.9	2.7	2.7	2.7	11.7	11.8	11.9

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
Pennsylvania—Continued									
Reading	8.9	8.9	8.9	33.3	33.1	33.0	18.2	17.5	17.7
Scranton-Wilkes-Barre	13.5	13.4	13.3	77.8	79.2	78.9	42.7	42.2	43.0
Sharon	1.4	1.5	1.5	11.7	12.1	11.9	5.3	5.2	5.2
State College	1.8	1.8	1.8	10.5	10.5	10.6	24.9	25.2	24.4
Williamsport	2.4	2.3	2.3	11.2	11.4	11.4	7.1	6.9	7.2
York	5.3	5.4	5.4	35.1	36.3	36.0	19.4	18.7	18.9
Rhode Island									
Pawtucket-Woonsocket-Attleboro	25.8	24.8	24.6	129.4	130.6	129.5	62.0	62.0	63.4
Providence	3.4	3.1	3.0	26.6	27.6	27.7	11.4	11.6	11.9
	20.9	20.5	20.4	97.6	96.7	96.2	46.0	46.3	47.3
South Carolina									
Charleston	65.5	64.1	64.1	301.1	310.0	308.8	291.8	290.0	291.0
Columbia	7.6	7.5	7.5	48.6	51.2	50.9	55.6	55.7	55.8
Greenville-Spartanburg	20.1	19.4	19.2	52.8	54.4	54.7	66.6	63.9	64.4
	12.4	12.7	12.7	65.9	65.6	65.7	45.5	45.3	45.6
South Dakota									
Rapid City	18.6	16.6	16.5	74.6	76.6	76.0	64.9	66.4	68.0
Sioux Falls	1.5	1.4	1.3	10.7	10.8	10.7	7.5	7.7	7.7
	8.1	8.2	8.2	22.3	22.4	22.4	8.1	8.2	8.3
Tennessee									
Chattanooga	102.9	103.2	103.3	504.7	521.0	517.4	356.5	356.1	356.2
Johnson City-Kingsport-Bristol	13.2	13.3	13.3	44.9	45.9	46.0	35.0	35.3	35.1
Knoxville	5.7	5.8	5.8	37.7	38.0	37.8	26.1	24.9	24.8
Memphis	9.7	9.4	9.3	65.2	66.7	66.7	54.0	55.4	55.3
Nashville	24.8	25.4	25.4	120.2	123.7	123.5	78.9	77.5	77.8
	30.9	30.7	30.7	137.5	141.0	140.6	70.1	67.0	67.0
Texas									
Arlene	427.3	430.3	430.4	1,803.9	1,852.7	1,856.8	1,303.6	1,319.2	1,325.5
Amarillo	2.0	2.0	2.0	15.0	15.3	15.4	9.3	10.1	10.1
Austin	4.0	4.1	4.1	19.1	19.4	19.2	15.9	16.2	16.1
Beaumont-Port Arthur	23.1	23.2	23.3	102.7	104.0	103.6	113.1	114.3	114.4
Brazoria	5.1	5.1	5.1	37.5	39.0	38.7	22.2	22.6	22.7
Brownsville-Harlingen	1.9	1.9	1.9	10.7	11.1	11.0	12.5	12.8	12.9
Bryan-College Station	3.7	3.7	3.7	18.8	19.2	19.3	17.8	18.4	18.5
Corpus Christi	1.8	1.8	1.8	11.2	11.1	11.0	25.5	26.2	26.3
Dallas	6.1	5.9	5.8	32.9	34.2	33.8	30.0	30.5	30.6
El Paso	126.9	122.5	121.9	371.7	375.2	374.3	188.2	170.2	170.8
Ft. Worth-Arlington	8.3	8.1	8.0	44.5	45.5	45.3	46.1	45.9	46.4
Galveston-Texas City	28.3	27.3	27.2	142.3	148.4	147.8	79.5	83.0	83.1
Houston	5.5	5.5	5.6	14.8	14.7	16.0	22.8	23.7	23.7
Killeen-Temple	99.0	98.1	98.3	465.3	468.2	469.5	218.7	225.0	226.0
Laredo	3.2	3.4	3.4	18.6	19.2	19.4	23.8	24.4	24.5
Longview-Marshall	1.9	2.1	2.1	8.0	8.7	8.7	10.8	11.4	11.4
Lubbock	2.6	2.6	2.6	14.7	14.9	14.9	9.3	9.3	9.4
McAllen-Edinburg-Mission	4.8	4.7	4.7	25.7	26.3	26.1	24.0	24.7	25.1
Midland	3.8	3.7	3.7	18.7	19.2	19.2	30.0	30.6	31.0
Odessa	2.2	2.1	2.1	10.2	9.8	9.9	7.6	7.7	7.6
San Angelo	1.3	1.3	1.3	8.9	8.7	8.7	8.1	8.2	8.3
San Antonio	1.5	1.6	1.6	10.1	10.2	10.1	7.8	7.9	7.9
Sherman-Denison	38.4	38.5	38.6	146.1	152.1	151.7	122.8	124.1	125.5
Texarkana	2.0	2.0	2.0	9.5	9.8	10.0	4.5	4.6	4.6
Tyler	1.7	1.8	1.8	11.7	12.3	12.3	12.2	12.4	12.3
Victoria	3.2	3.2	3.2	16.4	16.6	16.5	10.3	10.1	10.2
Waco	1.6	1.6	1.6	7.2	7.3	7.3	5.5	5.5	5.6
Wichita Falls	5.2	5.1	5.2	23.7	24.2	23.6	13.9	14.0	14.0
	2.2	2.2	2.2	12.8	12.9	12.9	10.0	10.1	10.1

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
Utah	761.4	782.2	785.6	8.4	8.5	8.5	33.7	37.9	36.8
Provo-Orem	104.3	105.2	106.2	(¹)	(¹)	(¹)	4.4	5.3	5.0
Salt Lake City-Ogden	516.6	529.0	533.8	3.0	3.1	3.1	22.8	25.2	24.6
Vermont	251.0	250.4	248.5	.5	.6	.5	11.5	10.8	10.7
Barre-Montpelier	34.2	33.1	33.4	(¹)	(¹)	(¹)	2.1	1.7	1.7
Burlington	79.7	77.1	76.9	(¹)	(¹)	(¹)	3.3	3.2	3.1
Virginia	2,856.8	2,836.2	2,849.0	14.0	14.0	14.0	154.2	145.7	144.6
Bristol	33.7	33.8	34.0	(¹)	(¹)	(¹)	1.3	1.2	1.2
Charlottesville	70.7	69.5	69.7	(¹)	(¹)	(¹)	3.5	3.4	3.3
Danville	41.0	41.4	41.0	(¹)	(¹)	(¹)	2.0	1.9	1.9
Lynchburg	76.3	75.7	76.2	(¹)	(¹)	(¹)	3.2	3.1	3.1
Norfolk-Virginia Beach-Newport News	585.6	590.0	591.3	(¹)	(¹)	(¹)	31.3	30.9	31.0
Northern Virginia	761.9	753.3	755.9	.4	.4	.4	39.7	35.8	35.3
Richmond-Petersburg	469.6	456.4	459.4	.7	.6	.6	28.6	25.5	25.5
Roanoke	128.6	129.3	130.6	(¹)	(¹)	(¹)	7.0	7.1	6.9
Washington	2,209.2	2,219.4	2,223.1	3.8	3.6	3.5	117.9	123.2	118.9
Seattle	1,124.6	1,106.3	1,115.5	.6	.7	.7	59.3	59.9	58.5
West Virginia	637.7	644.6	646.8	33.3	31.1	31.3	28.0	31.6	30.2
Charleston	113.1	113.6	113.6	2.4	2.1	2.1	5.6	6.5	6.3
Huntington-Ashland	112.3	109.9	110.6	1.6	1.7	1.7	5.2	4.6	4.4
Parkersburg-Marietta	62.1	62.8	63.2	.4	.4	.4	2.6	2.6	2.6
Wheeling	60.5	60.7	60.6	2.2	1.9	1.8	2.0	2.3	2.2
Wisconsin	2,322.9	2,356.3	2,353.3	2.3	2.4	2.4	87.1	91.6	90.0
Appleton-Oshkosh-Neenah	165.2	172.6	172.0	(¹)	(¹)	(¹)	7.3	9.0	8.7
Eau Claire	59.7	60.9	60.8	(¹)	(¹)	(¹)	2.2	2.2	2.1
Green Bay	110.6	112.2	112.8	(¹)	(¹)	(¹)	5.3	5.4	5.4
Janesville-Beloit	59.6	58.3	58.7	(¹)	(¹)	(¹)	1.6	1.6	1.7
Kenosha	45.7	46.1	46.0	(¹)	(¹)	(¹)	2.3	2.5	2.4
La Crosse	56.1	58.0	58.1	(¹)	(¹)	(¹)	1.3	1.1	1.1
Madison	229.1	233.3	234.7	(¹)	(¹)	(¹)	9.0	9.6	9.6
Milwaukee	756.3	756.4	759.8	(¹)	(¹)	(¹)	26.5	26.5	26.4
Racine	75.0	74.0	73.8	(¹)	(¹)	(¹)	2.5	2.3	2.2
Sheboygan	52.8	54.2	54.1	(¹)	(¹)	(¹)	2.3	2.5	2.6
Wausau	55.1	54.7	55.0	(¹)	(¹)	(¹)	3.3	2.1	2.1
Wyoming	202.6	205.8	202.5	19.1	17.8	18.0	11.8	13.2	12.3
Casper	29.5	29.1	29.0	2.5	2.4	2.4	2.2	2.1	1.9
Puerto Rico	845.3	852.5	853.1	.8	.8	.8	44.0	45.2	44.1
Caguas	56.8	57.5	58.0	(¹)	(¹)	(¹)	1.6	1.6	1.6
Mayaguez	59.0	60.4	60.4	(¹)	(¹)	(¹)	2.4	2.3	2.2
Ponce	56.6	55.9	56.3	(¹)	(¹)	(¹)	3.6	3.4	3.2
San Juan	515.0	522.1	522.3	.4	.4	.4	32.9	33.7	33.1
Virgin Islands	42.3	43.2	43.9	(¹)	(¹)	(¹)	2.2	3.7	4.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a
Utah	105.2	104.9	104.7	42.8	44.4	44.3	184.4	187.9	191.8
Provo-Orem	14.3	13.7	13.7	2.4	2.1	2.1	24.9	24.8	25.8
Salt Lake City-Ogden	67.8	67.7	67.9	33.4	35.2	35.3	129.0	130.6	134.6
Vermont	43.8	42.7	43.0	10.8	10.9	10.7	58.4	58.5	58.3
Barre-Montpelier	4.2	4.5	4.5	1.0	1.0	1.0	7.1	7.1	7.2
Burlington	14.8	13.5	13.6	3.3	3.2	3.1	19.2	17.8	17.8
Virginia	410.8	403.6	403.3	148.5	146.3	146.1	652.0	636.4	646.7
Bristol	9.8	9.8	9.8	1.3	1.2	1.2	8.7	8.9	9.0
Charlottesville	8.1	7.7	7.7	2.4	2.3	2.3	15.0	14.2	14.5
Danville	14.8	15.5	14.9	1.0	1.0	1.0	8.8	8.7	8.8
Lynchburg	22.9	22.4	22.4	2.6	2.5	2.5	16.1	15.9	16.0
Norfolk-Virginia Beach-Newport News	64.5	62.2	61.7	29.2	29.3	29.4	142.6	140.8	142.9
Northern Virginia	33.6	32.2	32.0	48.8	48.4	48.1	173.4	163.7	166.2
Richmond-Petersburg	64.2	62.0	62.4	23.8	22.8	22.7	109.6	103.4	105.4
Roanoke	18.2	18.3	18.5	8.4	8.2	8.2	36.9	35.8	36.5
Washington	351.6	346.0	341.6	113.8	114.7	113.7	534.7	533.3	539.6
Seattle	216.6	207.5	206.9	68.4	66.7	66.5	267.2	258.5	261.8
West Virginia	82.6	82.0	82.8	38.0	38.5	38.4	145.5	146.1	146.0
Charleston	10.6	10.4	10.4	8.8	8.7	8.7	28.6	27.9	28.4
Huntington-Ashland	19.6	19.3	19.3	7.3	7.1	7.1	28.5	27.4	28.1
Parkersburg-Marietta	13.8	13.6	13.7	2.6	2.6	2.6	14.9	15.4	15.6
Wheeling	7.1	7.0	6.9	3.3	3.3	3.3	15.5	14.9	15.1
Wisconsin	545.8	554.8	548.9	108.8	108.6	108.7	546.5	540.5	543.2
Appleton-Oshkosh-Neenah	54.1	57.1	56.3	6.4	6.4	6.4	35.9	35.4	35.7
Eau Claire	10.3	9.4	9.2	3.2	3.2	3.2	16.0	16.8	16.9
Green Bay	24.2	26.0	25.7	8.3	8.5	8.5	26.9	26.5	26.9
Janesville-Beloit	18.5	17.1	17.0	2.4	2.5	2.4	14.0	13.9	14.0
Kenosha	9.7	9.6	9.7	1.5	1.3	1.3	12.6	12.7	12.9
La Crosse	9.5	10.1	10.1	2.5	2.5	2.5	16.2	16.3	16.6
Madison	25.3	25.5	25.8	7.7	7.7	7.7	51.3	50.7	51.4
Milwaukee	167.7	167.2	167.4	38.0	37.4	37.9	174.4	169.9	172.4
Racine	25.1	24.5	24.3	2.5	2.5	2.5	16.3	16.0	16.2
Sheboygan	21.7	22.1	21.9	1.6	1.6	1.6	9.9	10.0	10.0
Wausau	15.2	16.2	16.1	3.5	3.4	3.4	12.6	12.1	12.4
Wyoming	9.9	9.7	9.4	14.7	14.4	14.4	45.3	46.8	45.8
Casper	1.9	1.6	1.5	1.7	1.7	1.7	8.1	8.0	8.2
Puerto Rico	152.3	150.1	149.4	20.6	19.6	19.3	158.3	158.0	160.2
Caguas	18.0	14.9	14.9	.5	.4	.4	12.0	12.3	12.7
Mayaguez	17.8	17.6	17.5	.6	.6	.6	9.6	9.5	9.6
Ponce	10.5	10.6	10.7	1.8	1.8	1.9	9.1	9.9	10.0
San Juan	63.2	63.0	62.9	15.8	16.1	15.9	106.8	107.4	108.7
Virgin Islands	2.8	2.8	2.8	2.6	2.6	2.6	9.7	9.2	9.3

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
Utah	36.3	37.7	37.6	193.2	200.6	200.9	157.4	160.3	161.0
Provo-Orem	2.5	2.8	2.6	39.9	40.8	41.0	15.9	15.9	16.0
Salt Lake City-Ogden	30.2	31.3	31.4	128.3	131.9	132.3	102.1	104.0	104.6
Vermont	12.1	11.6	11.5	68.2	70.2	68.2	45.7	45.1	45.6
Barre-Montpelier	2.7	2.8	2.6	8.9	8.5	8.6	8.2	7.7	7.8
Burlington	4.0	3.7	3.7	21.6	22.2	22.0	13.5	13.5	13.6
Virginia	152.0	150.1	149.5	732.9	743.8	742.8	592.4	596.3	602.0
Bristol	1.2	1.1	1.1	5.7	5.9	5.9	5.7	5.7	5.8
Charlottesville	3.8	3.4	3.3	14.9	14.8	14.8	23.2	23.7	23.8
Danville	1.4	1.3	1.3	7.2	7.3	7.2	5.8	5.7	5.9
Lynchburg	3.5	3.7	3.7	17.8	17.8	18.1	10.2	10.3	10.4
Norfolk-Virginia Beach-Newport News	28.2	26.6	26.2	152.1	159.0	158.1	139.7	141.2	142.0
Northern Virginia	49.8	49.4	49.4	262.1	267.8	267.5	154.1	155.8	157.0
Richmond-Petersburg	38.9	37.7	37.7	106.3	107.8	107.5	97.5	98.6	97.6
Roanoke	8.6	8.3	8.2	33.2	35.1	35.3	16.3	16.5	17.0
Washington	116.7	115.0	114.9	541.9	557.0	556.0	428.8	426.6	434.9
Seattle	72.0	70.8	70.7	280.7	283.9	286.8	159.8	158.3	163.6
West Virginia	24.9	25.1	25.2	153.2	159.6	159.5	132.2	130.8	131.4
Charleston	6.4	6.6	6.6	31.0	31.6	31.5	19.7	19.8	19.6
Huntington-Ashland	3.9	3.8	3.8	28.3	27.1	27.1	19.9	18.9	19.1
Parkersburg-Marietta	2.3	2.4	2.4	15.1	15.6	15.6	10.2	10.2	10.3
Wheeling	3.1	3.2	3.2	18.0	18.4	18.4	9.3	9.7	9.7
Wisconsin	123.5	126.3	128.0	550.9	589.9	566.5	357.9	382.2	367.6
Appleton-Oshkosh-Neenah	7.8	8.2	8.2	35.0	37.7	37.4	18.6	18.7	19.1
Eau Claire	1.9	2.0	1.9	14.3	15.3	15.2	11.9	12.0	12.3
Green Bay	6.6	6.9	6.9	26.8	26.4	26.5	12.8	12.6	13.0
Janesville-Beloit	1.5	1.5	1.6	14.0	14.0	14.2	7.5	7.7	7.8
Kenosha	1.4	1.4	1.4	11.4	11.5	11.3	6.8	7.0	7.0
La Crosse	2.0	2.0	2.0	15.9	16.2	16.0	8.7	9.8	9.9
Madison	20.7	21.4	21.5	50.5	52.2	52.2	64.8	68.2	66.6
Milwaukee	51.3	51.7	51.7	210.4	215.1	214.8	88.0	88.6	89.1
Racine	2.3	2.3	2.3	17.3	17.3	17.2	9.0	9.1	9.3
Sheboygan	2.1	2.1	2.2	9.5	9.9	9.8	5.8	6.0	6.1
Wausau	3.8	3.8	3.8	10.0	10.3	10.3	6.8	6.7	6.9
Wyoming	7.1	7.1	7.0	37.2	40.1	37.8	57.5	56.7	58.0
Casper	1.1	1.2	1.2	6.8	6.9	6.9	5.2	5.2	5.2
Puerto Rico	36.4	35.8	35.6	142.6	144.1	145.1	290.2	299.1	298.5
Caguas	1.1	1.1	1.1	9.3	10.0	10.2	16.4	17.1	17.1
Mayaguez	1.4	1.4	1.4	7.9	9.1	9.1	19.4	19.9	19.9
Ponce	1.7	1.6	1.7	12.5	12.9	13.1	17.5	17.7	17.7
San Juan	29.0	28.6	28.4	98.5	100.0	100.3	168.4	173.0	172.5
Virgin Islands	2.2	2.3	2.3	9.2	9.0	9.1	13.6	13.6	13.8

¹ Combined with construction.
² Not available.
^P = preliminary.

NOTE: Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 1991 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	10.33	354.32	44.4	14.18	629.59	38.1	13.99	533.02
1992 ^p	34.4	10.59	364.30	44.0	14.51	638.44	38.0	14.10	535.80
Monthly data, not seasonally adjusted									
1991:									
December	34.7	\$10.49	\$364.00	44.7	\$14.50	\$648.15	37.9	\$14.09	\$534.01
1992:									
January	33.8	10.50	354.90	43.4	14.59	633.21	36.7	14.04	515.27
February	34.2	10.52	359.78	43.9	14.52	637.43	36.6	13.87	507.64
March	34.3	10.54	361.52	43.8	14.54	636.85	37.3	14.03	523.32
April	34.2	10.54	360.47	43.6	14.52	633.07	38.2	14.02	535.56
May	34.4	10.55	362.92	43.9	14.45	634.36	38.9	14.05	546.55
June	34.6	10.53	364.34	43.8	14.51	635.54	38.9	14.09	548.10
July	34.6	10.53	364.34	43.2	14.47	625.10	38.9	14.05	546.55
August	35.0	10.56	369.60	44.5	14.45	643.03	39.0	14.20	553.80
September	34.3	10.66	365.64	44.0	14.57	641.08	37.1	14.18	526.08
October	34.5	10.69	368.81	44.4	14.44	641.14	39.0	14.25	555.75
November ^p	34.6	10.72	370.91	44.7	14.57	651.28	37.5	14.18	531.75
December ^p	34.5	10.72	369.84	44.5	14.54	647.03	37.2	14.22	526.98

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	288.82	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	429.66	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	13.24	512.39	38.1	11.15	424.82
1992 ^a	41.0	11.45	10.94	469.45	38.8	13.49	523.41	38.2	11.40	435.48
Monthly data, not seasonally adjusted										
1991:										
December	41.7	\$11.38	\$10.85	\$474.55	38.7	\$13.38	\$517.81	38.4	\$11.33	\$435.07
1992:										
January	40.6	11.29	10.84	458.37	37.9	13.36	506.34	37.8	11.29	426.76
February	40.6	11.32	10.87	459.59	38.4	13.47	517.25	38.2	11.36	433.95
March	40.9	11.36	10.89	464.62	38.2	13.38	511.12	38.2	11.34	433.19
April	40.4	11.41	10.96	460.96	38.2	13.43	513.03	38.2	11.34	433.19
May	41.1	11.44	10.94	470.18	38.7	13.39	518.19	38.3	11.35	434.71
June	41.2	11.45	10.93	471.74	38.9	13.40	521.26	38.2	11.33	432.81
July	40.7	11.46	10.96	466.42	39.2	13.43	526.46	38.2	11.38	434.72
August	41.1	11.44	10.91	470.18	39.5	13.50	533.25	38.5	11.43	440.06
September	41.0	11.53	11.00	472.73	39.1	13.61	532.15	38.1	11.46	436.63
October	41.3	11.49	10.95	474.54	39.0	13.59	530.01	38.2	11.46	437.77
November ^b	41.6	11.55	11.01	480.48	39.4	13.65	537.81	38.4	11.53	442.75
December ^b	42.0	11.63	11.07	488.46	39.2	13.62	533.90	38.2	11.53	440.45

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	6.95	198.77	35.7	10.40	371.28	32.4	10.22	331.13
1992 ^p	28.8	7.14	205.63	35.8	10.82	387.36	32.5	10.54	342.55
Monthly data, not seasonally adjusted									
1991:									
December	29.2	\$7.05	\$205.86	36.2	\$10.66	\$385.89	32.6	\$10.48	\$341.65
1992:									
January	27.8	7.10	197.38	35.6	10.66	379.50	32.1	10.49	336.73
February	28.4	7.10	201.64	36.4	10.81	393.48	32.5	10.54	342.55
March	28.4	7.11	201.92	36.2	10.80	390.96	32.5	10.53	342.23
April	28.6	7.12	203.63	35.7	10.75	383.78	32.3	10.50	339.15
May	28.7	7.12	204.34	35.6	10.76	383.06	32.4	10.47	339.23
June	29.0	7.10	205.90	35.6	10.70	380.92	32.5	10.42	338.65
July	29.3	7.10	208.03	35.6	10.73	381.99	32.7	10.41	340.41
August	29.6	7.10	210.16	36.3	10.84	393.49	33.0	10.45	344.85
September	29.0	7.21	209.09	35.5	10.84	384.82	32.2	10.61	341.64
October	28.7	7.19	206.35	35.6	10.91	388.40	32.4	10.63	344.41
November ^p	28.6	7.21	206.21	36.2	11.05	400.01	32.6	10.71	349.15
December ^p	28.9	7.19	207.79	35.6	11.00	391.60	32.4	10.75	348.30

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 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1991 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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^a	Dec. 1992 ^a	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^a	Dec. 1992 ^a
Total private		34.3	34.7	34.5	34.6	34.5	-	-	-	-	-
Mining		44.5	44.7	44.4	44.7	44.5	-	-	-	-	-
Metal mining	10	43.2	43.9	43.2	43.3	-	-	-	-	-	
Iron ores	101	40.5	42.5	42.1	41.4	-	-	-	-	-	
Copper ores	102	45.5	45.8	44.8	44.6	-	-	-	-	-	
Coal mining	12	44.9	45.6	43.5	44.0	-	-	-	-	-	
Bituminous coal and lignite mining	122	44.9	45.7	43.6	44.2	-	-	-	-	-	
Oil and gas extraction	13	44.2	44.5	44.6	45.1	-	-	-	-	-	
Crude petroleum and natural gas	131	41.7	43.1	41.6	42.8	-	-	-	-	-	
Oil and gas field services	138	45.9	45.4	46.6	46.4	-	-	-	-	-	
Nonmetallic minerals, except fuels	14	45.1	44.8	45.9	45.1	-	-	-	-	-	
Crushed and broken stone	142	45.9	44.8	46.7	45.6	-	-	-	-	-	
Construction		37.8	37.9	39.0	37.5	37.2	-	-	-	-	
General building contractors	15	37.7	37.8	38.2	37.2	-	-	-	-	-	
Residential building construction	152	36.7	36.6	37.3	36.5	-	-	-	-	-	
Operative builders	153	38.5	38.5	38.0	37.7	-	-	-	-	-	
Nonresidential building construction	154	38.5	39.0	39.1	37.7	-	-	-	-	-	
Heavy construction, except building	16	41.3	40.6	43.3	40.0	-	-	-	-	-	
Highway and street construction	161	40.9	39.5	44.3	39.3	-	-	-	-	-	
Heavy construction, except highway	162	41.4	41.0	42.8	40.3	-	-	-	-	-	
Special trade contractors	17	36.8	37.2	38.0	36.8	-	-	-	-	-	
Plumbing, heating, and air conditioning	171	38.2	38.5	39.3	38.6	-	-	-	-	-	
Painting and paper hanging	172	35.7	35.9	36.7	35.3	-	-	-	-	-	
Electrical work	173	38.5	39.3	39.2	38.6	-	-	-	-	-	
Masonry, stonework, and plastering	174	34.5	35.1	35.8	34.4	-	-	-	-	-	
Carpentry and floor work	175	34.7	35.4	35.8	35.9	-	-	-	-	-	
Roofing, siding, and sheet metal work	176	33.7	33.8	35.6	33.0	-	-	-	-	-	
Manufacturing		41.3	41.7	41.3	41.6	42.0	4.0	4.1	4.1	4.1	
Durable goods		41.6	42.2	41.8	42.1	42.7	3.9	4.1	4.0	4.1	
Lumber and wood products	24	40.2	40.9	40.9	40.8	40.9	3.4	3.6	4.0	3.8	
Logging	241	40.6	41.3	41.7	39.7	-	4.3	4.1	5.8	5.0	
Sawmills and planing mills	242	41.3	42.0	41.5	41.7	-	4.4	4.6	4.5	4.4	
Sawmills and planing mills, general	2421	41.7	42.4	41.8	42.1	-	4.7	4.9	4.8	4.7	
Hardwood dimension and flooring mills	2426	40.1	40.6	40.8	40.5	-	3.2	3.3	3.4	3.3	
Millwork, plywood, and structural members	243	40.3	40.8	40.5	40.8	-	3.0	3.3	3.5	3.5	
Millwork	2431	39.9	40.2	40.0	40.2	-	2.6	2.6	3.1	3.0	
Wood kitchen cabinets	2434	39.7	40.4	39.9	40.6	-	2.9	3.3	3.2	3.3	
Hardwood veneer and plywood	2435	41.1	42.2	41.2	41.3	-	3.7	4.4	4.1	4.0	
Softwood veneer and plywood	2436	42.7	43.5	42.5	43.6	-	4.3	5.0	4.6	5.4	
Wood containers	244	39.1	39.8	39.9	39.3	-	2.7	2.7	3.5	3.0	
Wood buildings and mobile homes	245	37.1	38.4	40.5	40.5	-	1.5	1.9	3.4	3.2	
Mobile homes	2451	37.1	38.8	40.6	40.9	-	1.5	2.0	3.5	3.3	
Miscellaneous wood products	249	39.7	40.2	40.4	40.5	-	3.0	3.2	3.3	3.1	
Furniture and fixtures	25	39.2	40.7	40.1	40.1	40.9	2.7	3.4	3.1	2.9	
Household furniture	251	38.5	39.7	39.3	39.1	-	2.3	2.8	2.6	2.4	
Wood household furniture	2511	39.1	39.6	39.4	39.4	-	2.3	2.7	2.4	2.4	
Upholstered household furniture	2512	37.2	39.8	38.4	38.4	-	1.9	3.0	2.4	2.2	
Metal household furniture	2514	39.7	40.1	41.0	40.7	-	2.6	2.9	3.7	3.3	
Mattresses and bedsprings	2515	37.8	39.6	39.9	38.9	-	1.7	2.0	2.9	2.2	
Office furniture	252	39.7	42.9	40.3	41.3	-	3.6	4.4	2.8	3.2	
Public building and related furniture	253	41.9	43.4	42.1	42.8	-	4.4	5.0	4.0	4.2	
Partitions and fixtures	254	40.2	41.7	41.8	41.1	-	2.9	3.9	4.5	3.9	
Miscellaneous furniture and fixtures	259	40.4	42.1	41.8	43.2	-	3.1	4.1	3.8	3.7	

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^a	Dec. 1992 ^a	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^a	Dec. 1992 ^a
Total private		\$10.45	\$10.49	\$10.69	\$10.72	\$10.72	\$358.44	\$364.00	\$368.81	\$370.91	\$369.84
Mining		14.27	14.50	14.44	14.57	14.54	635.02	648.15	641.14	651.28	647.03
Metal mining	10	15.03	15.04	15.31	15.49	-	649.30	660.26	661.39	670.72	-
Iron ores	101	17.92	16.66	17.19	17.28	-	725.76	708.05	723.70	715.39	-
Copper ores	102	13.43	13.35	13.87	13.91	-	611.07	611.43	621.38	620.39	-
Coal mining	12	17.23	17.34	17.24	17.54	-	773.63	790.70	749.94	771.76	-
Bituminous coal and lignite mining	122	17.37	17.48	17.40	17.73	-	779.91	798.84	758.64	783.67	-
Oil and gas extraction	13	13.51	13.85	13.83	13.90	-	597.14	616.33	616.82	626.89	-
Crude petroleum and natural gas	131	16.51	16.84	16.67	16.66	-	688.47	725.80	693.47	713.05	-
Oil and gas field services	138	11.71	11.99	12.14	12.25	-	537.49	544.35	565.72	568.40	-
Nonmetallic minerals, except fuels	14	12.12	12.13	12.44	12.43	-	546.61	543.42	571.00	560.59	-
Crushed and broken stone	142	11.39	11.23	11.73	11.75	-	522.80	503.10	547.79	535.80	-
Construction		13.98	14.09	14.25	14.18	14.22	528.44	534.01	555.75	531.75	528.98
General building contractors	15	13.23	13.39	13.56	13.53	-	498.77	506.14	517.99	503.32	-
Residential building construction	152	12.15	12.30	12.69	12.61	-	445.91	450.18	473.34	460.27	-
Operative builders	153	14.87	14.65	13.73	13.65	-	572.50	564.03	521.74	514.61	-
Nonresidential building construction	154	14.15	14.29	14.38	14.40	-	544.78	557.31	562.26	542.88	-
Heavy construction, except building	16	13.66	13.60	14.20	13.90	-	564.16	552.16	614.86	556.00	-
Highway and street construction	161	13.27	12.98	13.92	13.59	-	542.74	512.71	616.66	534.09	-
Heavy construction, except highway	162	13.82	13.82	14.33	14.04	-	572.15	566.62	613.32	565.81	-
Special trade contractors	17	14.36	14.51	14.52	14.50	-	528.45	539.77	551.76	533.60	-
Plumbing, heating, and air conditioning	171	14.64	14.74	14.95	14.87	-	559.25	567.49	587.54	573.98	-
Painting and paper hanging	172	13.16	13.14	13.23	13.17	-	469.81	471.73	485.54	464.90	-
Electrical work	173	15.34	15.45	15.55	15.50	-	590.59	607.19	609.56	598.30	-
Masonry, stonework, and plastering	174	14.54	14.63	14.50	14.36	-	501.63	513.51	519.10	493.98	-
Carpentry and floor work	175	14.34	14.42	14.49	14.61	-	497.60	510.47	518.74	524.50	-
Roofing, siding, and sheet metal work	176	12.36	12.62	12.47	12.44	-	416.53	426.56	443.93	410.52	-
Manufacturing		11.31	11.38	11.49	11.55	11.63	467.10	474.55	474.54	480.48	488.46
Durable goods		11.91	11.96	12.07	12.12	12.21	495.46	504.71	504.53	510.25	521.37
Lumber and wood products	24	9.33	9.34	9.52	9.49	9.50	375.07	382.01	389.37	387.19	388.55
Logging	241	11.09	10.98	11.53	11.43	-	450.25	453.47	480.80	453.77	-
Sawmills and planing mills	242	9.45	9.51	9.68	9.71	-	390.29	399.42	401.72	404.91	-
Sawmills and planing mills, general	2421	9.80	9.86	10.06	10.09	-	408.66	418.06	420.51	424.79	-
Hardwood dimension and flooring mills	2426	7.90	7.97	8.00	8.02	-	316.79	323.58	326.40	324.81	-
Millwork, plywood, and structural members	243	9.34	9.35	9.49	9.45	-	376.40	381.48	384.35	385.56	-
Millwork	2431	9.60	9.59	9.76	9.67	-	383.04	385.52	390.40	388.73	-
Wood kitchen cabinets	2434	8.99	8.97	8.92	8.88	-	356.90	362.39	355.91	360.53	-
Hardwood veneer and plywood	2435	7.93	8.02	8.19	8.13	-	325.92	338.44	337.43	335.77	-
Softwood veneer and plywood	2436	10.57	10.60	11.01	11.08	-	451.34	461.10	467.93	483.09	-
Wood containers	244	6.81	6.83	6.97	6.95	-	266.27	271.83	278.10	273.14	-
Wood buildings and mobile homes	245	9.03	9.06	9.26	9.23	-	335.01	347.90	375.03	373.82	-
Mobile homes	2451	9.07	9.08	9.33	9.27	-	336.50	352.30	378.80	379.14	-
Miscellaneous wood products	249	8.75	8.78	8.76	8.80	-	347.38	352.96	353.90	356.40	-
Furniture and fixtures	25	8.84	8.94	9.10	9.08	9.11	346.53	363.86	364.91	364.11	372.60
Household furniture	251	8.23	8.33	8.48	8.51	-	316.86	330.70	333.26	332.74	-
Wood household furniture	2511	7.68	7.75	7.89	7.93	-	300.29	306.90	310.87	312.44	-
Upholstered household furniture	2512	9.04	9.17	9.33	9.35	-	336.29	364.97	358.27	359.04	-
Metal household furniture	2514	8.35	8.37	8.62	8.64	-	331.50	335.64	353.42	351.65	-
Mattresses and bedsprings	2515	8.55	8.64	8.70	8.67	-	323.19	342.14	347.13	337.26	-
Office furniture	252	9.71	9.71	9.82	9.64	-	385.49	416.56	395.75	398.13	-
Public building and related furniture	253	9.59	9.72	9.61	9.75	-	401.82	421.85	404.58	417.30	-
Partitions and fixtures	254	10.04	10.13	10.47	10.43	-	403.61	422.42	437.65	428.67	-
Miscellaneous furniture and fixtures	259	9.33	9.47	9.50	9.39	-	376.93	398.69	397.10	405.65	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^a	Dec. 1992 ^a	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^a	Dec. 1992 ^a
Durable goods—Continued											
Stone, clay, and glass products	32	41.9	41.9	43.1	42.6	42.1	4.6	4.5	5.5	4.9	-
Flat glass	321	44.1	43.8	45.1	45.3	-	5.6	5.5	6.4	6.0	-
Glass and glassware, pressed or blown	322	42.4	42.5	42.6	42.9	-	4.4	4.9	4.8	4.7	-
Glass containers	3221	42.3	42.9	43.1	43.5	-	5.5	6.1	6.0	5.8	-
Pressed and blown glass, nec	3229	42.5	42.2	42.1	42.3	-	3.5	3.8	3.6	3.6	-
Products of purchased glass	323	41.0	40.9	42.2	41.8	-	3.2	3.0	3.8	3.3	-
Cement, hydraulic	324	42.3	42.3	42.2	42.7	-	3.2	4.2	4.1	3.7	-
Structural clay products	325	40.4	40.7	41.2	41.1	-	3.2	3.2	3.7	3.4	-
Pottery and related products	326	40.8	40.7	41.8	42.3	-	3.4	3.1	4.3	3.9	-
Concrete, gypsum, and plaster products	327	42.3	41.8	44.6	42.8	-	5.7	5.2	7.4	6.1	-
Concrete block and brick	3271	43.3	42.9	44.7	44.2	-	5.8	5.2	6.9	6.2	-
Concrete products, nec	3272	42.3	43.3	43.6	42.8	-	5.1	5.2	6.0	5.3	-
Ready-mixed concrete	3273	41.6	39.6	44.7	41.8	-	5.7	4.8	8.1	6.1	-
Misc. nonmetallic mineral products	329	41.9	42.8	42.4	42.9	-	4.6	4.8	5.1	5.2	-
Abrasive products	3291	41.6	41.9	42.4	42.8	-	3.4	3.5	4.1	4.1	-
Asbestos products	3292	40.6	42.7	41.9	41.6	-	5.5	6.4	5.8	5.7	-
Primary metal industries	33	42.8	43.1	42.9	43.4	44.0	4.9	4.9	5.1	5.2	-
Blast furnaces and basic steel products	331	43.3	43.5	43.0	43.6	44.1	5.2	5.0	5.2	5.3	-
Blast furnaces and steel mills	3312	43.5	43.6	43.0	43.5	-	5.5	5.1	5.3	5.5	-
Steel pipe and tubes	3317	42.6	42.6	43.2	44.9	-	4.2	4.6	5.0	4.8	-
Iron and steel foundries	332	42.2	43.0	43.1	43.4	-	4.3	4.4	5.2	5.3	-
Gray and ductile iron foundries	3321	42.4	42.5	43.7	43.9	-	4.6	4.3	5.7	5.7	-
Malleable iron foundries	3322	44.3	43.8	43.4	44.2	-	5.8	5.4	6.7	7.1	-
Steel foundries, nec	3325	40.8	43.0	41.6	42.1	-	3.1	3.8	3.9	4.4	-
Primary nonferrous metals	333	43.3	44.1	42.8	42.9	-	5.3	5.6	5.4	5.4	-
Primary aluminum	3334	42.5	42.6	42.6	42.4	-	5.4	5.3	5.5	5.3	-
Nonferrous rolling and drawing	335	43.1	43.1	43.3	44.1	-	5.8	5.6	5.6	5.8	-
Copper rolling and drawing	3351	42.2	43.1	41.6	42.9	-	5.8	6.2	5.5	5.8	-
Aluminum sheet, plate, and foil	3353	45.9	45.8	45.7	46.6	-	8.9	8.1	7.7	7.8	-
Nonferrous wire drawing and insulating	3357	42.4	42.1	42.1	43.0	-	5.1	4.8	4.4	5.0	-
Nonferrous foundries (castings)	336	40.9	41.8	41.4	41.5	-	3.3	3.7	3.6	3.5	-
Aluminum foundries	3365	40.7	41.7	42.0	41.2	-	2.8	3.1	4.1	3.6	-
Fabricated metal products	34	41.8	42.4	42.0	42.3	42.8	3.9	4.1	4.1	4.1	-
Metal cans and shipping containers	341	42.9	43.3	43.4	44.3	-	4.8	4.8	5.9	6.0	-
Metal cans	3411	43.5	43.7	43.3	44.2	-	5.1	4.8	5.7	5.9	-
Cutlery, handtools, and hardware	342	42.1	42.6	41.3	42.4	-	3.7	3.7	3.1	3.4	-
Hand and edge tools, and blades and handsaws	3423,5	41.8	41.4	41.5	43.3	-	3.5	3.7	3.5	3.9	-
Hardware, nec	3429	41.7	42.9	40.8	41.5	-	3.5	3.4	2.8	2.9	-
Plumbing and heating, except electric	343	42.4	42.8	42.5	42.3	-	4.3	4.4	4.4	4.2	-
Plumbing fixture fittings and trim	3432	42.9	43.6	42.2	41.7	-	4.4	5.1	4.0	3.6	-
Heating equipment, except electric	3433	40.9	42.4	41.6	42.3	-	3.7	3.6	3.9	4.3	-
Fabricated structural metal products	344	41.4	42.0	41.7	41.8	-	3.8	3.9	4.1	4.1	-
Fabricated structural metal	3441	41.8	42.1	42.2	42.0	-	4.2	4.2	4.8	4.4	-
Metal doors, sash, and trim	3442	39.9	40.3	41.0	41.1	-	2.6	2.5	3.4	3.4	-
Fabricated plate work (boiler shops)	3443	43.8	44.4	42.2	42.5	-	4.8	5.1	4.6	4.5	-
Sheet metal work	3444	40.1	40.8	41.1	40.9	-	3.1	3.3	3.4	3.5	-
Architectural metal work	3446	39.5	40.7	40.5	40.7	-	2.7	3.3	3.2	3.6	-
Screw machine products, bolts, etc	345	42.2	42.4	41.8	42.1	-	4.5	4.4	4.1	4.2	-
Screw machine products	3451	41.1	41.4	41.5	41.8	-	3.4	3.5	4.0	4.0	-
Bolts, nuts, rivets, and washers	3452	43.4	43.4	42.2	42.5	-	5.7	5.3	4.3	4.4	-
Metal forgings and stampings	346	42.1	42.4	42.5	42.9	-	4.1	3.9	4.3	4.3	-
Iron and steel forgings	3462	41.3	41.4	41.5	43.2	-	3.9	3.5	3.4	4.3	-
Automotive stampings	3465	42.6	43.2	43.1	43.4	-	4.4	4.0	4.7	4.5	-
Metal stampings, nec	3469	41.4	41.4	41.7	41.8	-	3.7	3.7	3.8	4.0	-
Metal services, nec	347	41.3	42.0	41.2	41.8	-	3.8	4.2	3.8	4.1	-
Plating and polishing	3471	40.7	41.5	40.7	41.3	-	3.2	3.6	3.4	3.6	-
Metal coating and allied services	3479	42.4	42.9	42.0	42.7	-	4.8	5.2	4.5	4.8	-
Ordnance and accessories, nec	348	41.6	43.2	43.3	42.4	-	3.9	4.4	4.1	4.0	-
Ammunition, except for small arms, nec	3483	41.2	42.3	43.5	42.4	-	3.3	3.8	3.4	3.5	-
Misc. fabricated metal products	349	41.8	42.7	41.9	42.4	-	3.6	4.4	3.8	3.9	-
Valves and pipe fittings, nec	3494	42.7	43.1	42.7	43.6	-	4.1	4.6	4.1	4.5	-
Misc. fabricated wire products	3496	41.1	41.9	40.8	41.1	-	3.5	4.2	3.1	3.0	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^a	Dec. 1992 ^a	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^a	Dec. 1992 ^a
Durable goods—Continued											
Stone, clay, and glass products	32	\$11.48	\$11.49	\$11.74	\$11.73	\$11.69	\$481.01	\$481.43	\$505.99	\$499.70	\$492.15
Flat glass	321	16.02	16.12	16.42	16.46	-	706.48	706.06	740.54	745.64	-
Glass and glassware, pressed or blown	322	12.80	12.81	13.08	12.94	-	542.72	544.43	557.21	555.13	-
Glass containers	3221	13.48	13.52	13.68	13.51	-	570.20	580.01	589.61	587.69	-
Pressed and blown glass, nec	3229	12.19	12.14	12.51	12.42	-	518.08	512.31	526.67	525.37	-
Products of purchased glass	323	9.75	9.77	10.18	10.23	-	399.75	399.59	429.60	427.61	-
Cement, hydraulic	324	14.50	14.47	14.87	15.14	-	613.35	612.08	627.51	646.48	-
Structural clay products	325	9.72	9.77	10.14	10.13	-	392.69	397.64	417.77	416.34	-
Pottery and related products	326	9.87	9.96	10.19	10.03	-	402.70	405.37	425.94	424.27	-
Concrete, gypsum, and plaster products	327	11.06	11.01	11.37	11.31	-	467.84	460.22	507.10	484.07	-
Concrete block and brick	3271	10.24	10.12	10.65	10.41	-	443.39	434.15	476.06	460.12	-
Concrete products, nec	3272	9.82	9.83	10.20	10.14	-	415.39	425.64	444.72	433.99	-
Ready-mixed concrete	3273	11.90	11.91	12.11	12.06	-	495.04	471.64	541.32	504.11	-
Misc. nonmetallic mineral products	329	12.01	12.05	12.15	12.27	-	503.22	515.74	515.16	526.38	-
Abrasive products	3291	10.31	10.37	10.43	10.52	-	428.90	434.50	442.23	450.26	-
Asbestos products	3292	12.02	12.24	13.26	13.46	-	488.01	522.65	555.59	559.94	-
Primary metal industries	33	13.49	13.49	13.73	13.76	13.84	577.37	581.42	589.02	597.18	608.96
Blast furnaces and basic steel products	331	15.57	15.55	15.98	16.03	16.26	674.18	676.43	687.14	698.91	717.07
Blast furnaces and steel mills	3312	16.47	16.43	16.99	17.06	-	716.45	716.35	730.57	742.11	-
Steel pipe and tubes	3317	12.09	12.35	12.49	12.42	-	515.03	526.11	539.57	557.66	-
Iron and steel foundries	332	12.00	12.01	12.34	12.30	-	506.40	516.43	531.85	533.82	-
Gray and ductile iron foundries	3321	12.49	12.44	12.75	12.72	-	529.58	528.70	557.18	558.41	-
Malleable iron foundries	3322	12.09	12.51	13.43	13.17	-	535.59	547.94	582.86	582.11	-
Steel foundries, nec	3325	11.34	11.35	11.60	11.65	-	462.67	488.05	482.56	490.47	-
Primary nonferrous metals	333	14.89	14.86	15.18	15.18	-	644.74	655.33	649.70	651.22	-
Primary aluminum	3334	15.29	15.35	15.42	15.38	-	649.83	653.91	656.89	652.11	-
Nonferrous rolling and drawing	335	12.90	12.89	12.92	12.91	-	555.99	555.56	559.44	569.33	-
Copper rolling and drawing	3351	12.90	12.38	12.58	12.46	-	519.06	533.58	523.33	534.53	-
Aluminum sheet, plate, and foil	3353	15.61	15.64	15.47	15.61	-	716.50	716.31	706.98	727.43	-
Nonferrous wire drawing and insulating	3357	12.84	12.71	12.84	12.73	-	544.42	535.09	540.56	547.39	-
Nonferrous foundries (castings)	336	10.66	10.78	10.95	11.02	-	435.99	450.60	453.33	457.33	-
Aluminum foundries	3365	10.36	10.40	10.44	10.54	-	421.65	433.68	438.48	434.25	-
Fabricated metal products	34	11.35	11.39	11.42	11.47	11.57	474.43	482.94	479.64	485.18	495.20
Metal cans and shipping containers	341	14.68	14.84	14.72	14.81	-	629.77	642.57	638.85	656.08	-
Metal cans	3411	15.60	15.79	15.72	15.85	-	678.60	690.02	680.68	700.57	-
Cutlery, handtools, and hardware	342	11.35	11.28	11.30	11.40	-	477.84	480.53	466.69	483.36	-
Hand and edge tools, and blades and handsaws	3423,5	10.42	10.49	10.59	10.79	-	435.56	434.29	439.49	467.21	-
Hardware, nec	3429	11.62	11.45	11.45	11.49	-	484.55	491.21	467.16	476.84	-
Plumbing and heating, except electric	343	10.02	10.05	10.39	10.37	-	424.85	430.14	441.58	438.65	-
Plumbing fixture fittings and trim	3432	9.50	9.64	9.89	9.93	-	407.55	420.30	417.36	414.08	-
Heating equipment, except electric	3433	10.10	10.10	10.49	10.49	-	413.09	428.24	436.38	443.73	-
Fabricated structural metal products	344	10.64	10.75	10.75	10.75	-	440.50	451.50	448.28	449.35	-
Fabricated structural metal	3441	10.66	10.77	10.80	10.75	-	445.59	453.42	455.76	451.50	-
Metal doors, sash, and trim	3442	8.80	8.86	8.99	9.06	-	351.12	357.06	368.59	372.37	-
Fabricated plate work (boiler shops)	3443	11.61	11.79	12.07	12.06	-	508.52	523.48	509.35	512.55	-
Sheet metal work	3444	10.98	11.12	10.92	10.95	-	440.30	453.70	448.81	447.86	-
Architectural metal work	3446	10.25	10.23	10.11	10.01	-	404.88	416.36	409.46	407.41	-
Screw machine products, bolts, etc	345	11.33	11.37	11.37	11.39	-	478.13	482.09	475.27	479.52	-
Screw machine products	3451	10.46	10.52	10.59	10.52	-	429.91	435.53	439.49	439.74	-
Bolts, nuts, rivets, and washers	3452	12.20	12.22	12.23	12.36	-	529.48	530.35	516.11	525.30	-
Metal forgings and stampings	346	13.47	13.43	13.45	13.52	-	567.09	569.43	571.63	580.01	-
Iron and steel forgings	3462	13.38	13.31	13.31	13.41	-	552.59	551.03	552.37	579.31	-
Automotive stampings	3465	15.34	15.20	15.27	15.27	-	653.48	656.64	658.14	662.72	-
Metal stampings, nec	3469	10.69	10.76	10.88	10.97	-	442.57	445.46	453.70	458.55	-
Metal services, nec	347	9.33	9.44	9.49	9.55	-	385.33	396.48	390.99	399.19	-
Plating and polishing	3471	9.27	9.35	9.38	9.47	-	377.29	388.03	381.77	391.11	-
Metal coating and allied services	3479	9.43	9.57	9.67	9.67	-	399.83	410.55	406.14	412.91	-
Ordnance and accessories, nec	348	12.68	12.54	12.49	12.74	-	527.49	541.73	540.82	540.18	-
Ammunition, except for small arms, nec	3483	12.58	12.39	12.20	12.63	-	518.30	524.10	530.70	535.51	-
Misc. fabricated metal products	349	10.60	10.73	10.74	10.77	-	443.08	458.17	450.01	456.65	-
Valves and pipe fittings, nec	3494	11.23	11.34	11.40	11.36	-	479.52	488.75	486.78	495.30	-
Misc. fabricated wire products	3496	9.33	9.44	9.48	9.49	-	383.46	395.54	386.78	390.04	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^P	Dec. 1992 ^P	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^P	Dec. 1992 ^P
Durable goods—Continued											
Industrial machinery and equipment	35	42.0	43.0	42.5	43.0	43.6	4.0	4.5	4.2	4.4	-
Engines and turbines	351	43.8	44.0	43.3	44.8	-	5.3	5.4	5.0	5.6	-
Turbines and turbine generator sets	3511	46.2	45.3	44.4	45.9	-	7.7	6.4	6.8	8.2	-
Internal combustion engines, nec	3519	42.8	43.4	42.9	44.3	-	4.3	5.0	4.3	4.6	-
Farm and garden machinery	352	39.6	40.7	41.1	41.0	-	2.9	3.5	2.9	2.7	-
Farm machinery and equipment	3523	39.6	39.8	42.2	41.9	-	2.9	3.4	3.3	2.9	-
Construction and related machinery	353	42.1	44.1	44.0	43.8	-	3.6	4.4	4.3	4.5	-
Construction machinery	3531	40.2	42.8	44.4	43.5	-	2.5	2.6	3.5	3.8	-
Mining machinery	3532	40.9	43.5	40.0	40.9	-	3.6	4.4	2.8	3.4	-
Oil and gas field machinery	3533	45.2	46.2	47.2	47.4	-	4.5	5.3	6.4	6.7	-
Conveyors and conveying equipment	3535	42.5	45.6	43.5	43.8	-	5.1	6.5	5.2	5.3	-
Industrial trucks and tractors	3537	40.6	41.3	41.1	41.7	-	3.2	3.7	3.3	3.9	-
Metalworking machinery	354	42.1	43.3	43.1	43.8	-	4.5	5.1	5.1	5.4	-
Machine tools, metal cutting types	3541	41.8	43.2	42.8	43.2	-	3.7	4.4	4.5	4.7	-
Machine tools, metal forming types	3542	42.2	43.1	42.9	43.8	-	4.1	4.2	4.8	5.3	-
Special dies, tools, jigs, and fixtures	3544	42.3	43.6	43.9	44.2	-	5.3	5.8	6.0	6.2	-
Machine tool accessories	3545	41.8	43.5	42.2	43.0	-	3.7	4.5	3.8	4.2	-
Power driven handtools	3546	42.4	43.8	42.4	43.6	-	4.0	4.3	3.5	3.8	-
Special industry machinery	355	41.9	43.0	42.2	42.9	-	4.0	4.7	4.3	4.7	-
Textile machinery	3552	42.4	43.2	42.7	43.4	-	4.0	4.5	4.0	4.5	-
Printing trades machinery	3555	38.8	39.1	40.5	41.5	-	3.2	3.6	4.0	4.8	-
Food products machinery	3556	42.0	43.1	41.9	42.2	-	4.5	4.6	4.2	4.2	-
General industrial machinery	356	42.2	43.1	42.0	42.7	-	4.0	4.4	4.0	4.4	-
Pumps and pumping equipment	3561	42.3	43.9	41.9	42.5	-	4.2	5.0	4.0	4.5	-
Ball and roller bearings	3562	42.4	42.7	41.9	42.7	-	4.4	4.4	4.4	4.6	-
Air and gas compressors	3563	44.4	45.4	42.7	43.9	-	5.4	6.0	4.3	4.8	-
Blowers and fans	3564	41.3	42.5	40.8	41.4	-	3.1	3.7	3.1	3.5	-
Speed changers, drives, and gears	3566	42.4	44.3	43.0	44.0	-	4.7	5.3	5.1	5.5	-
Power transmission equipment, nec	3568	41.6	41.8	42.2	43.0	-	3.6	3.9	4.2	4.6	-
Computer and office equipment	357	42.0	43.2	42.1	43.2	-	3.3	3.7	3.7	3.9	-
Electronic computers	3571	42.1	43.1	41.1	42.0	-	2.9	3.6	3.6	3.8	-
Computer terminals, calculators, and office machines, nec	3575,8,9	41.8	43.1	43.5	43.6	-	4.7	4.5	4.1	4.2	-
Refrigeration and service machinery	358	41.4	42.4	41.2	41.9	-	3.6	4.4	3.4	3.4	-
Refrigeration and heating equipment	3585	41.5	42.4	41.3	41.7	-	3.7	4.5	3.6	3.2	-
Misc. industrial and commercial machinery	359	42.1	43.0	42.4	42.8	-	4.3	4.8	4.5	4.6	-
Carburetors, pistons, rings, valves	3592	40.1	40.3	41.8	41.9	-	3.1	3.7	3.7	3.3	-
Scales, balances, and industrial machinery, nec	3596,9	42.3	43.0	42.5	42.9	-	4.4	4.8	4.7	4.8	-
Electronic and other electrical equipment	36	41.5	42.2	41.4	42.1	42.7	3.7	4.0	3.6	3.9	-
Electric distribution equipment	361	41.8	43.4	41.3	42.0	-	3.3	4.2	3.6	3.8	-
Transformers, except electronic	3612	41.4	42.9	40.6	40.8	-	3.3	4.2	3.6	3.8	-
Switchgear and switchboard apparatus	3613	42.2	43.9	42.1	43.4	-	3.2	4.3	3.5	3.9	-
Electrical industrial apparatus	362	42.4	43.5	41.1	41.9	-	3.4	4.1	2.8	3.0	-
Motors and generators	3621	42.4	43.8	40.9	41.8	-	3.5	4.5	2.9	3.0	-
Relays and industrial controls	3625	42.1	42.6	41.0	41.1	-	3.3	3.5	2.3	2.5	-
Household appliances	363	41.1	41.7	40.3	41.6	-	3.4	3.8	2.9	3.8	-
Household refrigerators and freezers	3632	39.1	39.1	38.6	41.6	-	2.7	2.6	1.3	4.3	-
Household laundry equipment	3633	38.6	40.3	39.7	40.2	-	1.6	1.7	1.8	1.9	-
Electric housewares and fans	3634	44.6	43.2	41.6	42.4	-	5.0	4.2	4.0	4.1	-
Electric lighting and wiring equipment	364	41.2	41.5	41.0	41.4	-	3.5	3.7	3.4	3.5	-
Electric lamps	3641	43.1	43.1	43.2	43.4	-	4.0	3.7	3.8	4.3	-
Current-carrying wiring devices	3643	39.7	40.0	39.8	40.3	-	3.0	3.2	2.6	2.7	-
Noncurrent-carrying wiring devices	3644	42.0	43.1	43.2	43.1	-	2.7	3.1	4.2	3.9	-
Residential lighting fixtures	3645	40.3	39.9	38.9	38.6	-	3.4	3.6	2.7	2.6	-
Household audio and video equipment	365	42.0	41.2	41.8	41.8	-	4.6	3.8	4.4	4.1	-
Household audio and video equipment	3651	42.4	41.5	41.5	41.9	-	4.9	3.9	3.4	3.2	-
Communications equipment	366	41.4	42.0	43.0	44.7	-	3.7	4.4	4.1	4.6	-
Telephone and telegraph apparatus	3661	42.0	42.0	45.0	48.0	-	4.4	5.1	5.0	5.9	-
Electronic components and accessories	367	40.8	41.7	41.1	41.7	-	3.7	3.9	3.9	4.2	-
Electron tubes	3671	41.1	42.8	41.6	40.5	-	4.0	3.8	3.6	3.3	-
Semiconductors and related devices	3674	41.6	42.4	42.4	43.5	-	4.8	4.7	5.1	5.7	-
Electronic components, nec	3679	39.8	40.9	39.4	39.7	-	2.8	3.2	2.6	2.8	-
Misc. electrical equipment and supplies	369	42.8	43.6	42.2	42.3	-	4.5	4.5	3.7	3.9	-
Storage batteries	3691	46.1	47.6	43.6	43.6	-	6.2	6.0	3.8	4.3	-
Engine electrical equipment	3694	41.9	42.5	41.7	41.4	-	4.1	4.3	3.5	3.5	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^P	Dec. 1992 ^P	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^P	Dec. 1992 ^P
Durable goods—Continued											
Industrial machinery and equipment	35	\$12.28	\$12.33	\$12.51	\$12.58	\$12.66	\$515.76	\$530.19	\$531.68	\$540.94	\$551.98
Engines and turbines	351	15.77	15.69	15.91	16.03	-	690.73	690.36	688.90	718.14	-
Turbines and turbine generator sets	3511	16.23	16.09	16.65	16.95	-	749.83	728.88	739.26	778.01	-
Internal combustion engines, nec	3519	15.56	15.52	15.60	15.65	-	665.97	673.57	669.24	693.30	-
Farm and garden machinery	352	11.42	11.38	11.73	11.69	-	452.23	463.17	482.10	479.29	-
Farm machinery and equipment	3523	12.46	12.62	12.66	12.67	-	493.42	502.28	534.25	530.87	-
Construction and related machinery	353	12.28	12.32	12.77	12.85	-	516.99	543.31	561.88	562.83	-
Construction machinery	3531	13.97	14.01	14.32	14.45	-	561.59	599.63	635.81	628.58	-
Mining machinery	3532	12.44	12.34	12.59	12.60	-	508.80	536.79	503.60	515.34	-
Oil and gas field machinery	3533	11.36	11.39	11.53	11.55	-	513.47	526.22	544.22	547.47	-
Conveyors and conveying equipment	3535	11.57	11.62	11.59	11.57	-	491.73	529.87	504.17	506.77	-
Industrial trucks and tractors	3537	10.81	10.90	11.03	11.15	-	438.89	450.17	453.33	464.96	-
Metalworking machinery	354	12.72	12.83	13.07	13.14	-	535.51	555.54	563.32	575.53	-
Machine tools, metal cutting types	3541	12.98	13.12	13.41	13.53	-	542.56	566.78	573.95	584.50	-
Machine tools, metal forming types	3542	12.82	12.82	13.08	13.18	-	541.00	552.54	561.13	577.28	-
Special dies, tools, jigs, and fixtures	3544	13.22	13.35	13.59	13.65	-	559.21	582.06	596.60	603.33	-
Machine tool accessories	3545	11.51	11.62	11.65	11.68	-	481.12	505.47	491.63	502.24	-
Power driven handtools	3546	10.46	10.55	10.56	10.63	-	443.50	462.09	447.74	463.47	-
Special industry machinery	355	12.47	12.57	12.79	12.87	-	522.49	540.51	539.74	552.12	-
Textile machinery	3552	10.64	10.76	10.95	11.00	-	451.14	464.83	467.57	477.40	-
Printing trades machinery	3555	14.16	14.32	14.43	14.54	-	549.41	559.91	584.42	603.41	-
Food products machinery	3556	12.41	12.39	12.65	12.64	-	521.22	534.01	530.04	533.41	-
General industrial machinery	356	11.96	12.03	12.17	12.26	-	504.71	518.49	511.14	523.50	-
Pumps and pumping equipment	3561	12.82	12.84	13.03	13.14	-	542.29	563.68	545.96	558.45	-
Ball and roller bearings	3562	12.82	12.86	13.14	13.15	-	543.57	549.12	550.57	561.51	-
Air and gas compressors	3563	12.19	12.17	12.21	12.55	-	541.24	552.52	521.37	550.95	-
Blowers and fans	3564	10.30	10.38	10.30	10.38	-	425.39	441.15	420.24	429.73	-
Speed changers, drives, and gears	3566	12.83	12.95	12.81	12.91	-	543.99	573.69	550.83	568.04	-
Power transmission equipment, nec	3568	11.48	11.62	12.07	12.05	-	477.57	485.72	509.35	518.15	-
Computer and office equipment	357	12.12	12.18	12.28	12.42	-	509.04	526.18	516.99	536.54	-
Electronic computers	3571	12.67	12.76	12.91	13.22	-	533.41	549.96	530.60	555.24	-
Computer terminals, calculators, and office machines, nec	3575,8,9	12.52	12.69	12.55	12.64	-	523.34	546.94	545.93	551.10	-
Refrigeration and service machinery	358	11.34	11.32	11.42	11.43	-	469.48	479.97	470.50	478.92	-
Refrigeration and heating equipment	3585	11.59	11.44	11.58	11.52	-	480.99	485.06	478.25	480.38	-
Misc. industrial and commercial machinery	359	11.88	11.97	11.92	11.95	-	500.15	514.71	505.41	511.46	-
Carburetors, pistons, rings, valves	3592	12.65	13.08	13.01	12.87	-	507.27	527.12	543.82	539.25	-
Scales, balances, and industrial machinery, nec	3596,9	11.53	11.60	11.60	11.64	-	487.72	498.80	493.00	499.36	-
Electronic and other electrical equipment	36	10.86	10.94	11.04	11.06	11.16	450.69	461.67	457.06	465.63	476.53
Electric distribution equipment	361	10.79	10.98	10.94	11.03	-	451.02	476.53	451.82	463.26	-
Transformers, except electronic	3612	10.65	10.77	10.63	10.71	-	440.91	462.03	431.58	436.97	-
Switchgear and switchboard apparatus	3613	10.93	11.21	11.27	11.36	-	461.25	492.12	474.47	493.02	-
Electrical industrial apparatus	362	10.28	10.39	10.41	10.43	-	435.87	451.97	427.85	437.02	-
Motors and generators	3621	9.84	9.98	9.87	9.88	-	417.22	437.12	403.68	412.98	-
Relays and industrial controls	3625	10.92	11.01	11.28	11.36	-	459.73	469.03	462.48	466.90	-
Household appliances	363	10.22	10.28	10.41	10.50	-	420.04	428.68	419.52	436.80	-
Household refrigerators and freezers	3632	11.75	11.68	11.36	11.78	-	459.43	456.69	438.50	490.05	-
Household laundry equipment	3633	12.51	12.54	12.89	13.01	-	482.89	505.36	511.73	523.00	-
Electric housewares and fans	3634	7.64	7.77	8.11	8.16	-	340.74	335.66	337.38	345.98	-
Electric lighting and wiring equipment	364	10.73	10.78	10.85	10.92	-	442.08	447.37	444.85	452.09	-
Electric lamps	3641	12.14	12.17	11.93	11.81	-	523.23	524.53	515.38	512.55	-
Current-carrying wiring devices	3643	10.51	10.52	10.76	10.81	-	417.25	420.80	428.25	435.64	-
Noncurrent-carrying wiring devices	3644	9.82	9.94	10.16	10.30	-	412.44	428.41	438.91	443.93	-
Residential lighting fixtures	3645	7.77	8.06	8.14	8.25	-	313.13	321.59	316.65	318.45	-
Household audio and video equipment	365	10.65	10.77	10.60	10.80	-	447.30	443.72	443.08	451.44	-
Household audio and video equipment	3651	11.07	11.13	10.98	11.10	-	469.37	461.90	455.67	465.09	-
Communications equipment	366	11.54	11.68	11.59	11.28	-	477.76	490.56	498.37	504.22	-
Telephone and telegraph apparatus	3661	12.23	12.42	12.26	11.70	-	513.66	521.64	551.70	561.60	-
Electronic components and accessories	367	10.63	10.71	11.03	11.08	-	433.70	446.61	453.33	462.04	-
Electron tubes	3671	12.09	12.24	12.57	12.63	-	496.90	523.87	522.91	511.52	-
Semiconductors and related devices	3674	13.23	13.44	14.08	14.24	-	550.37	569.86	596.99	619.44	-
Electronic components, nec	3679	9.64	9.67	9.65	9.67	-	383.67	395.50	380.21	383.90	-
Misc. electrical equipment and supplies	369	12.10	12.08	12.11	12.23	-	517.88	526.69	511.04	517.33	-
Storage batteries	3691	13.22	13.29	13.10	13.35	-	609.44	632.60	571.16	582.06	-
Engine electrical equipment	3694	12.62	12.48	12.67	12.77	-	528.78	530.40	528.34	528.68	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Durable goods—Continued											
Transportation equipment	37	42.4	42.5	42.0	42.0	43.2	4.3	4.2	4.0	4.0	-
Motor vehicles and equipment	371	42.8	42.7	42.6	42.3	43.8	4.6	4.2	4.4	4.2	-
Motor vehicles and car bodies	3711	43.3	42.6	42.2	40.9	-	4.9	4.3	4.1	3.4	-
Truck and bus bodies	3713	42.6	42.5	42.0	42.2	-	4.3	4.3	3.6	3.8	-
Motor vehicle parts and accessories	3714	42.7	43.1	43.0	43.5	-	4.5	4.3	4.7	4.9	-
Truck trailers	3715	41.5	41.3	42.4	42.0	-	3.4	3.5	4.1	3.7	-
Aircraft and parts	372	42.4	42.8	41.9	42.1	-	4.5	4.7	4.0	4.3	-
Aircraft	3721	42.0	42.1	41.9	42.1	-	4.2	4.5	3.9	4.1	-
Aircraft engines and engine parts	3724	43.5	44.2	42.2	41.6	-	5.6	5.8	4.4	4.6	-
Aircraft parts and equipment, nec	3728	42.4	42.8	41.7	42.6	-	4.1	4.3	3.8	4.3	-
Ship and boat building and repairing	373	40.8	41.5	40.2	40.4	-	3.1	3.5	3.1	3.2	-
Ship building and repairing	3731	41.6	42.1	40.9	41.2	-	3.4	3.7	3.3	3.6	-
Boat building and repairing	3732	38.6	39.9	38.5	38.7	-	2.5	2.8	2.5	2.2	-
Railroad equipment	374	40.9	40.0	41.4	42.7	-	2.3	1.9	3.2	3.7	-
Guided missiles, space vehicles, and parts	376	42.9	42.1	41.2	41.6	-	4.3	4.1	3.1	3.2	-
Guided missiles and space vehicles	3761	43.3	42.1	41.0	41.6	-	4.8	4.4	3.4	3.7	-
Misc. transportation equipment	379	39.2	39.7	40.9	40.1	-	2.3	2.3	2.7	2.8	-
Travel trailers and campers	3792	37.9	37.9	41.7	40.0	-	2.1	1.5	2.4	2.5	-
Instruments and related products	38	41.5	42.1	41.2	41.6	42.3	3.3	3.5	2.7	2.9	-
Search and navigation equipment	381	40.9	41.7	40.7	41.2	-	2.6	2.8	1.9	2.1	-
Measuring and controlling devices	382	41.0	41.9	40.9	41.7	-	2.7	3.2	2.4	2.7	-
Environmental controls	3822	40.7	41.2	39.9	40.3	-	3.1	4.2	2.3	2.2	-
Process control instruments	3823	40.7	41.8	41.6	42.0	-	2.4	3.0	2.7	2.9	-
Instruments to measure electricity	3825	40.4	42.1	40.9	41.8	-	2.3	2.6	2.0	2.4	-
Medical instruments and supplies	384	42.1	42.5	41.3	41.8	-	3.9	4.0	3.0	3.2	-
Surgical and medical instruments	3841	42.3	43.0	42.5	43.0	-	4.2	4.1	3.2	3.5	-
Surgical appliances and supplies	3842	41.9	42.4	40.0	40.2	-	3.6	3.8	2.8	2.8	-
Ophthalmic goods	385	40.7	40.1	39.4	38.9	-	3.2	2.9	2.3	2.0	-
Photographic equipment and supplies	386	43.8	44.1	43.5	43.8	-	5.1	4.5	4.6	4.8	-
Watches, clocks, watchcases, and parts	387	39.8	39.4	41.7	41.1	-	1.7	2.2	2.3	2.2	-
Miscellaneous manufacturing industries	39	40.4	40.6	40.5	40.7	40.7	3.1	3.1	3.4	3.4	-
Jewelry, silverware, and plated ware	391	40.5	40.1	39.1	39.3	-	3.3	2.9	3.0	3.1	-
Jewelry, precious metal	3911	40.7	40.0	39.1	39.5	-	3.5	3.0	3.1	3.4	-
Musical instruments	393	39.1	39.6	39.4	39.5	-	1.6	1.8	1.9	2.0	-
Toys and sporting goods	394	41.0	41.0	41.3	41.1	-	3.3	3.3	4.0	3.8	-
Dolls, games, toys, and children's vehicles	3942,4	40.9	40.3	40.8	40.3	-	3.6	3.2	4.0	3.5	-
Sporting and athletic goods, nec	3949	41.0	41.5	41.7	41.7	-	3.1	3.3	3.9	4.1	-
Pens, pencils, office, and art supplies	395	41.7	43.5	40.1	40.7	-	2.9	3.9	2.3	2.6	-
Costume jewelry and notions	396	40.5	39.9	41.9	42.8	-	2.6	2.9	4.4	4.5	-
Costume jewelry	3961	39.6	38.7	43.0	43.8	-	2.2	2.5	5.0	4.8	-
Miscellaneous manufactures	399	39.8	40.0	40.3	40.5	-	3.1	3.0	3.4	3.4	-
Signs and advertising specialties	3993	40.1	40.6	40.7	40.3	-	3.3	3.4	4.3	3.9	-
Nondurable goods		40.8	41.1	40.7	40.9	41.2	4.0	4.0	4.1	4.1	4.1
Food and kindred products	20	41.3	41.3	41.2	41.3	41.5	4.8	4.6	5.0	4.9	-
Meat products	201	40.9	40.3	40.8	40.9	-	4.8	4.2	4.8	5.0	-
Meat packing plants	2011	43.9	43.1	42.8	43.1	-	6.1	5.5	6.5	6.3	-
Sausages and other prepared meats	2013	41.3	41.3	41.5	42.2	-	4.9	4.8	5.1	5.5	-
Poultry slaughtering and processing	2015	38.9	38.2	39.2	39.0	-	3.8	3.1	3.7	4.0	-
Dairy products	202	41.2	42.0	41.0	41.5	-	4.4	4.4	4.1	4.4	-
Cheese, natural and processed	2022	40.8	40.7	40.2	40.6	-	4.1	4.0	3.6	3.8	-
Fluid milk	2026	42.3	42.7	42.1	42.9	-	4.8	4.5	4.4	4.9	-
Preserved fruits and vegetables	203	40.8	41.7	41.3	41.1	-	4.3	4.3	5.6	4.8	-
Canned specialties	2032	47.5	46.1	46.7	45.5	-	7.8	7.7	10.1	7.8	-
Canned fruits and vegetables	2033	40.2	41.8	40.8	40.8	-	3.7	3.6	5.5	4.1	-
Frozen fruits and vegetables	2037	38.6	38.9	41.8	40.2	-	3.6	3.6	5.4	4.9	-
Grain mill products	204	46.2	46.1	45.3	46.1	-	7.7	7.3	7.5	7.5	-
Flour and other grain mill products	2041	47.9	47.9	50.3	49.3	-	7.8	7.3	8.8	7.8	-
Prepared feeds, nec	2048	44.5	44.7	44.2	44.9	-	7.1	6.7	6.8	6.4	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^a	Dec. 1992 ^a	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^a	Dec. 1992 ^a
Durable goods—Continued											
Transportation equipment	37	\$15.05	\$15.12	\$15.28	\$15.34	\$15.49	\$638.12	\$642.60	\$641.76	\$644.28	\$669.17
Motor vehicles and equipment	371	15.41	15.47	15.38	15.37	15.61	659.55	660.57	655.19	650.15	683.72
Motor vehicles and car bodies	3711	18.41	18.65	18.47	18.33	-	797.15	794.49	779.43	749.70	-
Truck and bus bodies	3713	14.08	13.91	13.75	13.85	-	599.81	591.18	577.50	584.47	-
Motor vehicle parts and accessories	3714	13.73	13.76	13.95	14.04	-	586.27	593.06	599.85	610.74	-
Truck trailers	3715	9.98	10.06	9.70	9.66	-	414.17	415.48	411.28	405.72	-
Aircraft and parts	372	16.15	16.25	16.93	17.09	-	684.76	695.50	709.37	719.49	-
Aircraft	3721	(^b)	(^b)	(^b)	(^b)	-	-	-	-	-	-
Aircraft engines and engine parts	3724	\$15.93	\$16.04	\$16.36	\$16.81	-	\$692.96	\$708.97	\$690.39	\$699.30	-
Aircraft parts and equipment, nec	3728	14.54	14.63	15.51	15.62	-	616.50	626.16	646.77	665.41	-
Ship and boat building and repairing	373	11.69	11.77	12.08	12.17	-	476.95	488.46	485.62	491.67	-
Ship building and repairing	3731	12.46	12.53	13.04	13.21	-	518.34	527.51	533.34	544.25	-
Boat building and repairing	3732	9.50	9.59	9.68	9.60	-	366.70	382.64	372.68	371.52	-
Railroad equipment	374	14.31	14.20	14.57	14.70	-	585.28	568.00	603.20	627.69	-
Guided missiles, space vehicles, and parts	376	15.21	15.51	16.19	16.46	-	652.51	652.97	667.03	684.74	-
Guided missiles and space vehicles	3761	(^b)	(^b)	(^b)	(^b)	-	-	-	-	-	-
Misc. transportation equipment	379	\$10.97	\$11.15	\$10.97	\$11.07	-	\$430.02	\$442.66	\$448.67	\$443.91	-
Travel trailers and campers	3792	9.85	9.96	10.22	10.31	-	373.32	377.48	426.17	412.40	-
Instruments and related products	38	11.74	11.82	12.04	12.10	\$12.16	487.21	497.62	496.05	503.36	\$514.37
Search and navigation equipment	381	15.35	15.55	15.92	16.01	-	627.82	648.44	647.94	659.61	-
Measuring and controlling devices	382	11.26	11.38	11.74	11.86	-	461.66	476.82	480.17	494.56	-
Environmental controls	3822	9.80	9.92	10.09	10.25	-	398.86	408.70	402.59	413.08	-
Process control instruments	3823	11.18	11.27	11.50	11.57	-	455.03	471.09	478.40	485.94	-
Instruments to measure electricity	3825	11.63	11.69	12.64	12.84	-	469.85	492.15	516.98	536.71	-
Medical instruments and supplies	384	10.26	10.36	10.60	10.65	-	431.95	440.30	437.78	445.17	-
Surgical and medical instruments	3841	10.28	10.33	10.72	10.72	-	434.84	444.19	455.60	460.96	-
Surgical appliances and supplies	3842	9.87	9.94	10.06	10.15	-	413.55	421.46	402.40	408.03	-
Ophthalmic goods	385	8.60	8.49	8.39	8.38	-	350.02	340.45	330.57	325.98	-
Photographic equipment and supplies	386	14.71	14.50	14.80	14.72	-	644.30	639.45	643.80	644.74	-
Watches, clocks, watchcases, and parts	387	7.77	7.97	7.72	7.82	-	309.25	314.02	321.92	321.40	-
Miscellaneous manufacturing industries	39	8.93	9.08	9.19	9.23	9.32	360.77	368.65	372.20	375.66	379.32
Jewelry, silverware, and plated ware	391	9.54	9.58	9.67	9.63	-	386.37	384.16	378.10	378.46	-
Jewelry, precious metal	3911	9.54	9.55	9.62	9.58	-	388.28	382.00	376.14	378.41	-
Musical instruments	393	8.65	8.90	8.83	8.84	-	338.22	352.44	347.90	349.18	-
Toys and sporting goods	394	8.26	8.38	8.62	8.64	-	338.66	343.58	356.01	355.10	-
Dolls, games, toys, and children's vehicles	3942,4	7.99	8.11	8.18	8.20	-	326.79	326.83	333.74	330.46	-
Sporting and athletic goods, nec	3949	8.46	8.55	8.94	8.96	-	346.86	354.83	372.80	373.63	-
Pens, pencils, office, and art supplies	395	9.38	9.56	9.91	9.99	-	391.15	415.86	397.39	406.59	-
Costume jewelry and notions	396	7.73	8.00	7.93	7.89	-	313.07	319.20	332.27	337.69	-
Costume jewelry	3961	6.96	7.20	7.03	6.84	-	275.62	278.64	302.29	299.59	-
Miscellaneous manufactures	399	9.46	9.59	9.63	9.75	-	376.51	383.60	388.09	394.88	-
Signs and advertising specialties	3993	10.14	10.18	10.11	10.19	-	406.61	413.31	411.48	410.66	-
Nondurable goods		10.54	10.62	10.74	10.81	10.88	430.03	436.48	437.12	442.13	448.26
Food and kindred products	20	10.04	10.14	10.12	10.30	10.36	414.65	418.78	416.94	425.39	429.94
Meat products	201	8.25	8.28	8.32	8.47	-	337.43	333.68	339.46	346.42	-
Meat packing plants	2011	9.13	9.16	9.14	9.25	-	400.81	394.80	391.19	398.68	-
Sausages and other prepared meats	2013	9.43	9.55	9.61	9.84	-	389.46	394.42	398.82	415.25	-
Poultry slaughtering and processing	2015	7.17	7.17	7.26	7.41	-	278.91	273.89	284.59	288.99	-
Dairy products	202	11.05	11.10	11.35	11.52	-	455.26	466.20	465.35	478.08	-
Cheese, natural and processed	2022	9.93	10.11	10.32	10.36	-	405.14	411.48	414.86	420.62	-
Fluid milk	2026	11.65	11.70	12.10	12.25	-	492.80	499.59	509.41	525.53	-
Preserved fruits and vegetables	203	9.58	9.89	9.50	9.89	-	390.86	412.41	392.35	406.48	-
Canned specialties	2032	12.76	12.83	12.69	13.10	-	606.10	591.46	592.62	596.05	-
Canned fruits and vegetables	2033	9.74	10.30	9.34	10.05	-	391.55	430.54	381.07	410.04	-
Frozen fruits and vegetables	2037	8.45	8.79	8.64	8.73	-	326.17	341.93	361.15	350.95	-
Grain mill products	204	12.03	12.19	12.11	12.29	-	555.79	561.96	548.58	566.57	-
Flour and other grain mill products	2041	10.73	10.81	10.81	10.76	-	513.97	517.80	543.74	530.47	-
Prepared feeds, nec	2048	9.70	9.75	9.90	9.94	-	431.65	435.83	437.58	446.31	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^P	Dec. 1992 ^P	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^P	Dec. 1992 ^P
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	39.6	39.5	39.7	39.9	-	4.2	4.3	4.4	4.5	-
Bread, cake, and related products	2051	39.0	39.0	38.9	39.3	-	4.3	4.4	4.2	4.5	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	40.6	40.4	41.3	41.0	-	4.0	4.2	4.7	4.5	-
Sugar and confectionery products	206	42.8	41.6	41.4	42.1	-	4.7	4.1	4.6	4.5	-
Raw cane sugar	2061	59.6	54.8	42.3	51.0	-	15.4	12.1	7.6	12.5	-
Cane sugar refining	2082	48.6	47.6	47.8	48.1	-	9.8	8.7	10.2	10.2	-
Beet sugar	2063	41.8	42.4	43.7	39.9	-	4.6	4.3	7.4	4.6	-
Candy and other confectionery products	2064	39.8	38.9	39.6	40.6	-	3.3	2.8	2.9	3.3	-
Fats and oils	207	46.0	46.4	44.7	46.7	-	7.4	7.1	6.7	7.5	-
Beverages	208	41.3	41.7	41.2	41.5	-	4.8	4.6	4.4	4.7	-
Malt beverages	2082	43.0	43.2	43.2	44.4	-	8.2	7.3	6.8	8.0	-
Bottled and canned soft drinks	2086	40.5	40.4	40.0	40.1	-	3.5	3.6	3.7	3.5	-
Misc. food and kindred products	209	39.4	39.9	40.5	39.6	-	4.4	4.4	4.6	4.1	-
Tobacco products	21	38.5	39.4	38.5	38.5	40.7	1.7	1.8	2.2	3.0	-
Cigarettes	211	39.2	38.7	37.8	39.1	-	1.7	1.7	2.6	3.6	-
Textile mill products	22	41.7	41.7	41.2	41.5	41.8	4.6	4.7	4.3	4.4	-
Broadwoven fabric mills, cotton	221	41.8	41.2	42.0	42.1	-	5.5	5.6	5.8	5.8	-
Broadwoven fabric mills, synthetics	222	41.6	41.6	41.2	41.2	-	4.4	4.4	3.9	3.9	-
Broadwoven fabric mills, wool	223	41.6	43.4	39.9	41.4	-	4.7	5.5	4.5	5.2	-
Narrow fabric mills	224	41.2	41.9	39.6	40.5	-	3.9	4.0	2.9	3.3	-
Knitting mills	225	41.1	40.7	39.8	40.4	-	4.1	3.9	3.3	3.5	-
Women's hosiery, except socks	2251	41.8	41.9	37.7	40.1	-	5.0	4.7	3.0	3.4	-
Hosiery, nec	2252	40.1	38.8	38.9	40.3	-	3.5	2.9	2.9	3.7	-
Knit outerwear mills	2253	41.0	41.1	40.7	40.2	-	4.5	4.5	3.9	3.6	-
Knit underwear mills	2254	40.3	39.2	39.8	40.0	-	2.7	2.3	1.9	2.3	-
Weft knit fabric mills	2257	42.3	41.6	40.2	40.5	-	4.9	4.7	3.7	3.8	-
Textile finishing, except wool	226	43.8	44.6	44.2	44.2	-	6.7	7.2	6.1	6.3	-
Finishing plants, cotton	2261	45.6	44.8	46.2	44.9	-	8.1	7.8	7.2	6.8	-
Finishing plants, synthetics	2262	43.1	45.2	42.9	43.7	-	6.5	7.6	5.3	6.0	-
Carpets and rugs	227	43.2	44.3	42.3	42.5	-	5.2	6.2	4.9	4.8	-
Yarn and thread mills	228	40.7	40.4	40.4	40.7	-	3.8	3.8	3.7	3.9	-
Yarn spinning mills	2281	41.3	40.9	40.8	41.0	-	4.1	4.1	3.9	4.1	-
Throwing and winding mills	2282	36.7	36.3	37.5	37.7	-	1.9	2.1	2.6	2.7	-
Miscellaneous textile goods	229	41.8	42.5	43.1	42.9	-	4.0	4.2	4.9	4.7	-
Apparel and other textile products	23	37.6	37.8	37.7	37.9	37.8	2.1	2.0	2.1	2.1	-
Men's and boys' suits and coats	231	37.4	37.5	35.7	36.1	-	1.1	1.2	1.0	.8	-
Men's and boys' furnishings	232	37.7	38.0	37.8	38.1	-	2.0	1.9	1.9	1.8	-
Men's and boys' shirts	2321	37.3	37.8	37.6	38.0	-	1.8	1.6	1.4	1.3	-
Men's and boys' trousers and slacks	2325	36.9	37.0	37.0	37.5	-	1.6	1.7	1.7	1.7	-
Men's and boys' work clothing	2326	37.3	37.9	37.9	37.4	-	1.7	1.8	1.8	1.7	-
Women's and misses' outerwear	233	36.3	36.3	36.5	36.9	-	1.9	2.0	1.7	2.0	-
Women's and misses' blouses and shirts	2331	36.9	36.7	35.9	38.0	-	1.3	1.4	1.0	.8	-
Women's, juniors', and misses' dresses	2335	35.5	35.4	35.4	35.1	-	1.7	1.7	1.7	1.7	-
Women's and misses' suits and coats	2337	35.1	35.7	34.7	35.9	-	1.7	1.7	1.7	1.8	-
Women's and misses' outerwear, nec	2339	36.6	36.5	37.2	37.6	-	2.1	2.2	1.9	2.3	-
Women's and children's undergarments	234	38.1	37.9	39.1	38.2	-	1.9	1.5	2.7	2.1	-
Women's and children's underwear	2341	38.4	38.2	39.6	38.5	-	1.9	1.5	2.8	2.1	-
Brassieres, girdles, and allied garments	2342	36.4	36.3	37.0	36.7	-	1.9	1.8	2.5	2.2	-
Girls' and children's outerwear	236	38.0	38.6	36.8	36.9	-	2.1	2.2	1.6	1.6	-
Girls' and children's dresses and blouses	2361	37.7	38.8	36.4	36.2	-	2.2	2.5	1.7	1.5	-
Misc. apparel and accessories	238	38.0	37.9	38.1	38.5	-	1.9	1.5	1.8	1.9	-
Misc. fabricated textile products	239	39.2	39.8	39.8	39.6	-	2.8	2.7	3.2	2.9	-
Curtains and draperies	2391	37.6	39.2	38.2	37.8	-	2.3	2.7	2.5	1.7	-
House furnishings, nec	2392	39.7	39.6	40.0	40.2	-	3.5	3.3	3.4	3.6	-
Automotive and apparel trimmings	2396	38.5	39.9	40.8	40.4	-	2.4	2.4	3.7	3.2	-
Paper and allied products	26	43.9	44.4	43.7	44.0	44.2	5.3	5.4	5.5	5.3	-
Paper mills	262	45.9	46.1	45.5	45.9	-	6.3	6.0	6.5	6.2	-
Paperboard mills	263	45.4	46.6	45.3	46.2	-	7.1	7.7	7.3	7.2	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	\$11.29	\$11.35	\$11.53	\$11.60	-	\$447.08	\$448.33	\$457.74	\$462.84	-
Bread, cake, and related products	2051	11.30	11.31	11.52	11.55	-	440.70	441.09	448.13	453.92	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	11.28	11.44	11.54	11.68	-	457.97	462.18	476.60	478.88	-
Sugar and confectionery products	206	10.49	10.54	10.66	10.80	-	448.97	438.46	441.32	454.68	-
Raw cane sugar	2061	10.11	10.35	10.10	10.09	-	602.56	567.18	427.23	514.59	-
Cane sugar refining	2062	15.19	15.43	15.39	15.32	-	738.23	734.47	735.64	736.89	-
Beet sugar	2063	10.67	10.38	9.97	11.03	-	446.01	440.11	435.69	440.10	-
Candy and other confectionery products	2064	9.60	9.63	9.80	9.81	-	382.08	374.61	388.08	398.29	-
Fats and oils	207	10.14	10.19	10.63	10.63	-	466.44	472.82	475.16	496.42	-
Beverages	208	14.27	14.18	14.43	14.67	-	589.35	591.31	594.52	608.81	-
Malt beverages	2082	19.87	19.50	19.83	20.10	-	854.41	842.40	856.66	892.44	-
Bottled and canned soft drinks	2086	11.33	11.42	11.77	11.74	-	458.87	461.37	470.80	470.77	-
Misc. food and kindred products	209	9.38	9.38	9.42	9.43	-	369.57	374.26	381.51	373.43	-
Tobacco products	21	16.69	15.75	15.73	17.54	\$16.32	642.57	620.55	605.61	675.29	\$664.22
Cigarettes	211	20.37	20.51	20.78	21.21	-	798.50	793.74	785.48	829.31	-
Textile mill products	22	8.46	8.49	8.66	8.70	8.74	352.78	354.03	356.79	361.05	365.33
Broadwoven fabric mills, cotton	221	8.79	8.73	9.00	9.02	-	367.42	359.68	378.00	379.74	-
Broadwoven fabric mills, synthetics	222	9.09	9.12	9.27	9.35	-	378.14	379.39	381.92	385.22	-
Broadwoven fabric mills, wool	223	9.01	9.00	9.11	9.23	-	374.82	390.60	363.49	382.12	-
Narrow fabric mills	224	7.97	8.05	8.10	8.12	-	328.36	337.30	320.76	328.86	-
Knitting mills	225	7.79	7.79	7.89	7.96	-	320.17	317.05	314.02	321.58	-
Women's hosiery, except socks	2251	7.46	7.39	7.46	7.50	-	311.83	309.64	281.24	300.75	-
Hosiery, nec	2252	7.36	7.34	7.61	7.70	-	295.14	284.79	296.03	310.31	-
Knit outerwear mills	2253	7.67	7.74	7.60	7.71	-	314.47	318.11	309.32	309.94	-
Knit underwear mills	2254	7.68	7.67	7.79	7.80	-	309.50	300.66	310.04	312.00	-
Weft knit fabric mills	2257	8.57	8.53	8.74	8.84	-	362.51	354.85	351.35	358.02	-
Textile finishing, except wool	226	8.97	9.10	9.16	9.19	-	392.89	405.86	404.87	406.20	-
Finishing plants, cotton	2261	8.94	9.07	9.08	9.02	-	407.66	406.34	419.50	405.00	-
Finishing plants, synthetics	2262	9.30	9.41	9.45	9.59	-	400.83	425.33	405.41	419.08	-
Carpets and rugs	227	8.46	8.52	8.66	8.64	-	365.47	377.44	366.32	367.20	-
Yarn and thread mills	228	8.15	8.20	8.40	8.45	-	331.71	331.28	339.36	343.92	-
Yarn spinning mills	2281	8.16	8.23	8.36	8.43	-	337.01	336.61	341.09	345.63	-
Throwing and winding mills	2282	8.30	8.29	8.69	8.75	-	304.61	300.93	325.88	329.88	-
Miscellaneous textile goods	229	9.72	9.81	10.19	10.24	-	406.30	416.93	439.19	439.30	-
Apparel and other textile products	23	6.82	6.88	6.98	6.97	7.05	256.43	260.06	263.15	264.16	266.49
Men's and boys' suits and coats	231	7.53	7.58	7.57	7.58	-	281.62	284.25	270.25	273.64	-
Men's and boys' furnishings	232	6.34	6.40	6.55	6.56	-	239.02	243.20	247.59	249.94	-
Men's and boys' shirts	2321	6.30	6.33	6.48	6.49	-	234.99	239.27	243.65	246.62	-
Men's and boys' trousers and slacks	2325	6.20	6.36	6.38	6.35	-	228.78	235.32	236.06	238.13	-
Men's and boys' work clothing	2326	6.14	6.18	6.39	6.38	-	229.02	234.22	242.18	238.61	-
Women's and misses' outerwear	233	6.52	6.60	6.57	6.57	-	236.68	239.58	239.81	242.43	-
Women's and misses' blouses and shirts	2331	5.82	5.91	5.99	5.97	-	214.76	216.90	215.04	214.92	-
Women's, juniors', and misses' dresses	2335	6.89	7.02	7.03	7.00	-	244.60	248.51	248.86	245.70	-
Women's and misses' suits and coats	2337	7.15	7.14	7.09	7.10	-	250.97	254.90	246.02	254.89	-
Women's and misses' outerwear, nec	2339	6.43	6.51	6.46	6.48	-	235.34	237.62	240.31	243.65	-
Women's and children's undergarments	234	6.53	6.52	6.75	6.68	-	248.79	247.11	263.93	255.18	-
Women's and children's underwear	2341	6.36	6.37	6.59	6.49	-	244.22	243.33	260.96	249.87	-
Brassieres, girdles, and allied garments	2342	7.48	7.33	7.54	7.61	-	272.27	266.08	278.98	279.29	-
Girls' and children's outerwear	236	6.24	6.27	6.30	6.29	-	237.12	242.02	231.84	232.10	-
Girls' and children's dresses and blouses	2361	6.15	6.21	6.22	6.20	-	231.86	240.95	226.41	224.44	-
Misc. apparel and accessories	238	6.68	6.77	6.91	6.89	-	253.84	256.58	263.27	265.27	-
Misc. fabricated textile products	239	8.01	8.06	8.26	8.23	-	313.99	320.79	328.75	325.91	-
Curtains and draperies	2391	6.92	6.75	7.08	7.05	-	260.19	264.60	270.46	266.49	-
House furnishings, nec	2392	6.93	6.96	7.13	7.17	-	275.12	275.62	285.20	288.23	-
Automotive and apparel trimmings	2396	10.53	10.69	10.85	10.63	-	405.41	426.53	442.68	429.45	-
Paper and allied products	26	12.88	12.98	13.16	13.21	13.25	565.43	576.31	575.09	581.24	585.65
Paper mills	262	15.83	15.84	16.20	16.23	-	726.60	730.22	737.10	744.96	-
Paperboard mills	263	16.01	16.23	16.64	16.39	-	726.85	756.32	753.79	757.22	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ²	Dec. 1992 ²	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ²	Dec. 1992 ²
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	43.5	44.0	43.5	43.4	-	4.9	5.0	5.3	5.0	-
Corrugated and solid fiber boxes	2653	43.9	44.3	44.4	44.1	-	5.3	5.3	5.7	5.4	-
Sanitary food containers	2656	43.2	43.5	42.1	42.0	-	3.6	4.3	3.9	3.4	-
Folding paperboard boxes	2657	43.0	43.9	43.0	43.1	-	5.0	5.3	5.5	5.3	-
Misc. converted paper products	267	42.4	43.0	42.1	42.5	-	4.5	4.8	4.5	4.5	-
Paper, coated and laminated, nec	2672	42.9	43.3	41.8	42.4	-	4.2	4.0	3.6	3.9	-
Bags: plastics, laminated, and coated	2673	41.7	42.5	41.8	41.8	-	4.8	5.1	4.9	4.8	-
Envelopes	2677	42.3	43.3	41.7	42.7	-	3.7	4.4	3.9	4.1	-
Printing and publishing	27	38.4	38.8	38.3	38.5	38.9	3.2	3.2	3.3	3.3	-
Newspapers	271	33.3	33.8	33.0	33.6	-	1.3	1.5	1.2	1.3	-
Periodicals	272	38.4	38.8	38.3	37.8	-	3.1	3.5	3.2	2.6	-
Books	273	40.0	39.9	39.4	39.7	-	3.6	3.6	3.2	3.2	-
Book publishing	2731	38.6	38.8	37.5	38.5	-	2.1	2.4	1.9	2.3	-
Book printing	2732	41.6	41.3	41.6	41.2	-	5.3	5.1	4.9	4.2	-
Miscellaneous publishing	274	36.8	36.8	35.4	36.1	-	2.0	2.1	1.9	2.5	-
Commercial printing	275	39.8	40.2	40.2	40.3	-	3.9	3.7	4.3	4.1	-
Commercial printing, lithographic	2752	39.5	39.8	40.3	40.1	-	3.7	3.4	4.3	4.1	-
Commercial printing, nec	2759	40.0	40.4	39.4	40.0	-	4.1	3.9	3.7	3.7	-
Manifold business forms	276	42.4	42.8	41.5	41.3	-	4.0	5.0	3.8	3.6	-
Blankbooks and bookbinding	278	38.6	39.6	38.0	38.3	-	2.6	2.6	2.5	2.4	-
Printing trade services	279	39.8	39.8	39.4	39.8	-	4.7	4.3	4.6	4.6	-
Chemicals and allied products	28	43.7	44.3	42.7	43.4	43.8	4.9	5.0	4.7	4.7	-
Industrial inorganic chemicals	281	44.4	44.2	43.6	43.2	-	5.0	4.9	5.1	4.9	-
Industrial inorganic chemicals, nec	2819	44.2	43.7	43.7	42.7	-	4.9	4.6	5.0	4.9	-
Plastics materials and synthetics	282	43.8	44.0	43.9	43.9	-	5.7	5.5	5.9	5.8	-
Plastics materials and resins	2821	44.5	44.8	44.5	44.8	-	6.2	6.1	6.4	6.0	-
Organic fibers, noncellulosic	2824	43.1	43.7	43.1	42.6	-	4.9	4.7	4.9	5.0	-
Drugs	283	43.4	44.7	41.7	43.0	-	4.4	5.1	4.2	4.2	-
Pharmaceutical preparations	2834	43.5	44.9	41.4	42.9	-	4.4	5.0	4.1	4.1	-
Soap, cleaners, and toilet goods	284	41.8	42.4	40.8	42.2	-	3.3	3.8	3.4	3.4	-
Soap and other detergents	2841	42.0	43.5	41.8	42.2	-	4.5	5.0	5.1	4.7	-
Polishing, sanitation, and finishing preparations	2842,3	41.8	43.1	40.7	41.7	-	3.5	3.7	3.4	3.3	-
Toilet preparations	2844	41.6	41.4	40.2	42.5	-	2.4	3.2	2.3	2.6	-
Paints and allied products	285	42.1	42.7	41.0	41.8	-	3.2	3.3	2.9	3.4	-
Industrial organic chemicals	286	46.7	46.8	44.9	45.5	-	6.8	6.7	6.3	6.3	-
Cyclic crudes and intermediates	2865	46.6	47.1	44.4	45.6	-	7.9	6.8	7.3	8.1	-
Industrial organic chemicals, nec	2869	46.8	46.8	45.1	45.6	-	6.6	6.7	6.0	5.9	-
Agricultural chemicals	287	44.3	45.0	44.4	43.9	-	5.7	5.6	5.5	5.1	-
Miscellaneous chemical products	289	43.4	43.8	42.1	42.8	-	4.8	4.4	4.0	4.3	-
Petroleum and coal products	29	44.5	43.5	44.8	45.2	44.4	6.7	5.9	7.1	7.1	-
Petroleum refining	291	45.0	44.0	44.4	46.0	-	6.9	6.1	6.5	7.3	-
Asphalt paving and roofing materials	295	44.0	42.4	47.1	43.8	-	6.9	5.9	10.0	7.5	-
Rubber and misc. plastics products	30	41.7	42.0	41.7	42.0	42.5	3.9	3.9	4.4	4.3	-
Tires and inner tubes	301	43.4	43.4	45.1	45.1	-	5.5	5.3	7.0	6.6	-
Rubber and plastics footwear	302	45.3	45.6	42.8	41.6	-	4.4	4.0	3.6	2.9	-
Hose, belting, gaskets, and packing	305	41.8	42.3	41.7	42.2	-	3.6	3.8	4.0	3.9	-
Rubber and plastics hose and belting	3052	42.0	42.8	42.3	42.3	-	3.3	3.8	4.4	4.3	-
Fabricated rubber products, nec	306	41.1	41.5	41.2	41.3	-	3.2	3.5	3.5	3.5	-
Miscellaneous plastics products, nec	308	41.5	41.8	41.4	41.7	-	3.8	3.8	4.2	4.2	-
Leather and leather products	31	38.0	38.1	38.5	39.1	38.6	2.4	2.3	2.4	2.7	-
Leather tanning and finishing	311	42.9	43.1	42.8	43.7	-	5.0	5.3	5.4	5.9	-
Footwear, except rubber	314	36.6	36.6	37.8	38.4	-	1.7	1.5	1.7	2.0	-
Men's footwear, except athletic	3143	37.1	37.3	37.7	37.9	-	2.3	2.1	2.1	2.3	-
Women's footwear, except athletic	3144	35.9	35.9	36.7	38.2	-	1.3	1.2	1.0	1.7	-
Luggage	316	41.2	40.9	39.3	41.4	-	3.8	4.3	2.5	3.0	-
Handbags and personal leather goods	317	37.9	38.5	37.8	38.3	-	1.7	1.2	2.2	2.5	-
Transportation and public utilities		38.5	38.7	39.0	39.4	39.2	-	-	-	-	-
Railroad transportation:											
Class I railroads ³	4011	43.5	42.2	45.4	45.5	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ²	Dec. 1992 ²	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ²	Dec. 1992 ²
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	\$10.82	\$10.94	\$10.97	\$11.02	-	\$470.67	\$481.36	\$477.20	\$478.27	-
Corrugated and solid fiber boxes	2653	10.87	10.98	11.05	11.08	-	477.19	486.41	490.62	488.63	-
Sanitary food containers	2656	10.89	11.00	10.99	10.96	-	470.45	478.50	462.68	460.32	-
Folding paperboard boxes	2657	11.27	11.38	11.68	11.76	-	484.61	499.58	502.24	506.86	-
Misc. converted paper products	267	11.28	11.39	11.57	11.68	-	478.27	489.77	487.10	496.40	-
Paper, coated and laminated, nec	2672	12.97	12.85	13.36	13.46	-	556.41	556.41	558.45	570.70	-
Bags: plastics, laminated, and coated	2673	10.48	10.62	11.02	10.98	-	437.02	451.35	460.64	458.96	-
Envelopes	2677	10.55	10.65	10.78	10.76	-	446.27	461.15	449.53	459.45	-
Printing and publishing	27	11.61	11.68	11.87	11.85	\$11.88	445.82	453.18	454.62	456.23	\$462.13
Newspapers	271	11.48	11.56	11.80	11.78	-	382.28	390.73	389.40	395.81	-
Periodicals	272	12.51	12.58	12.72	12.75	-	480.38	488.10	487.18	481.95	-
Books	273	10.61	10.61	11.00	10.93	-	424.40	423.34	433.40	433.92	-
Book publishing	2731	10.29	10.37	10.77	10.69	-	397.19	402.36	403.88	411.57	-
Book printing	2732	10.97	10.89	11.26	11.20	-	456.35	449.76	468.42	461.44	-
Miscellaneous publishing	274	10.91	11.02	11.38	11.32	-	401.49	405.54	402.85	408.65	-
Commercial printing	275	11.83	11.90	12.05	12.03	-	470.83	478.38	484.41	484.81	-
Commercial printing, lithographic	2752	11.83	11.87	12.11	12.10	-	467.29	472.43	488.03	485.21	-
Commercial printing, nec	2759	11.74	11.86	11.75	11.75	-	469.60	479.14	462.95	470.00	-
Manifold business forms	276	12.19	12.44	12.50	12.41	-	516.86	532.43	518.75	512.53	-
Blankbooks and bookbinding	278	9.13	9.19	9.30	9.27	-	352.42	363.92	353.40	355.04	-
Printing trade services	279	14.24	14.28	14.24	14.23	-	566.75	568.34	561.06	566.35	-
Chemicals and allied products	28	14.22	14.28	14.57	14.65	14.70	621.41	632.60	622.14	635.81	643.86
Industrial inorganic chemicals	281	15.26	15.36	15.84	15.96	-	677.54	678.91	690.62	689.47	-
Industrial inorganic chemicals, nec	2819	15.48	15.57	16.07	16.25	-	684.22	680.41	702.26	693.88	-
Plastics materials and synthetics	282	15.19	15.23	15.47	15.57	-	665.32	670.12	679.13	663.52	-
Plastics materials and resins	2821	15.66	15.71	16.11	16.18	-	696.87	703.81	716.90	724.86	-
Organic fibers, noncellulosic	2824	14.60	14.67	14.67	14.84	-	629.26	641.08	632.28	632.18	-
Drugs	283	13.68	13.73	14.25	14.42	-	593.71	613.73	594.23	620.06	-
Pharmaceutical preparations	2834	13.73	13.79	14.19	14.36	-	597.26	619.17	587.47	616.04	-
Soap, cleaners, and toilet goods	284	11.93	12.09	12.02	12.13	-	498.67	512.62	490.42	511.89	-
Soap and other detergents	2841	15.12	15.11	15.80	15.78	-	635.04	657.29	660.44	665.92	-
Polishing, sanitation, and finishing preparations	2842,3	10.69	10.80	10.94	11.13	-	446.84	465.48	445.26	464.12	-
Toilet preparations	2844	10.53	10.80	10.21	10.34	-	438.05	447.12	410.44	439.45	-
Paints and allied products	285	12.58	12.68	12.55	12.67	-	529.62	541.44	514.55	529.61	-
Industrial organic chemicals	286	16.88	16.92	17.51	17.46	-	788.30	791.86	786.20	794.43	-
Cyclic crudes and intermediates	2865	16.44	16.44	16.97	17.01	-	766.10	774.32	753.47	775.66	-
Industrial organic chemicals, nec	2869	17.17	17.23	17.88	17.80	-	803.56	806.36	806.39	811.68	-
Agricultural chemicals	287	14.43	14.57	14.99	15.08	-	639.25	655.65	665.56	662.01	-
Miscellaneous chemical products	289	12.76	12.81	13.09	13.10	-	553.78	561.08	551.09	560.68	-
Petroleum and coal products	29	17.39	17.48	18.05	18.22	18.32	773.86	760.38	808.64	823.54	813.41
Petroleum refining	291	18.87	18.83	19.91	19.95	-	849.15	828.52	884.00	917.70	-
Asphalt paving and roofing materials	295	13.12	13.19	13.51	13.45	-	577.28	559.26	636.32	589.11	-
Rubber and misc. plastics products	30	10.14	10.23	10.44	10.46	10.54	422.84	429.66	435.35	439.32	447.95
Tires and inner tubes	301	16.28	16.48	17.01	16.82	-	706.55	715.23	767.15	758.58	-
Rubber and plastics footwear	302	7.02	6.98	7.51	7.42	-	318.01	318.29	321.43	308.67	-
Hose, belting, gaskets, and packing	305	10.06	10.13	10.41	10.43	-	420.51	428.50	434.10	440.15	-
Rubber and plastics hose and belting	3052	10.14	10.19	10.44	10.47	-	425.88	436.13	441.61	442.88	-
Fabricated rubber products, nec	306	9.63	9.71	9.74	9.76	-	395.79	402.97	401.29	403.09	-
Miscellaneous plastics products, nec	308	9.50	9.58	9.69	9.73	-	394.25	400.44	401.17	405.74	-
Leather and leather products	31	7.25	7.34	7.36	7.42	7.47	275.50	279.65	283.36	290.12	288.34
Leather tanning and finishing	311	9.56	9.61	9.57	9.56	-	410.12	414.19	409.60	417.77	-
Footwear, except rubber	314	6.86	6.95	6.99	7.03	-	251.08	254.37	264.22	269.95	-
Men's footwear, except athletic	3143	7.37	7.51	7.52	7.58	-	273.43	280.12	283.50	287.28	-
Women's footwear, except athletic	3144	6.41	6.47	6.56	6.53	-	230.12	232.27	240.75	249.45	-
Luggage	316	7.10	7.17	7.70	7.83	-	292.52	293.25	302.61	324.16	-
Handbags and personal leather goods	317	6.37	6.44	6.44	6.64	-	241.42	247.94	243.43	254.31	-
Transportation and public utilities		13.28	13.38	13.59	13.65	13.62	511.28	517.81	530.01	537.81	533.90
Railroad transportation:											
Class I railroads ³	4011	15.10	16.04	16.73	16.78	-	656.85	676.89	759.54	763.49	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	33.4	33.8	33.7	33.4	-	-	-	-	-	-
Local and suburban transportation	411	37.7	38.0	38.8	38.8	-	-	-	-	-	-
Intercity and rural bus transportation	413	40.8	38.5	39.7	37.4	-	-	-	-	-	-
Trucking and warehousing	42	38.5	39.1	39.1	38.9	-	-	-	-	-	-
Trucking and courier services, except air	421	38.3	39.0	39.0	38.8	-	-	-	-	-	-
Public warehousing and storage	422	40.8	40.7	40.7	40.8	-	-	-	-	-	-
Water transportation:											
Water transportation services	449	35.3	35.2	34.9	35.6	-	-	-	-	-	-
Pipelines, except natural gas	46	42.4	42.5	41.4	41.7	-	-	-	-	-	-
Transportation services	47	36.3	37.0	36.6	37.7	-	-	-	-	-	-
Passenger transportation arrangement	472	35.8	36.0	35.7	36.5	-	-	-	-	-	-
Travel agencies	4724	36.2	36.4	35.6	36.4	-	-	-	-	-	-
Freight transportation arrangement	473	36.3	37.7	37.1	38.9	-	-	-	-	-	-
Communications	48	39.0	39.2	39.6	39.8	-	-	-	-	-	-
Telephone communications	481	40.6	40.5	41.3	41.3	-	-	-	-	-	-
Radio and television broadcasting	483	34.0	34.7	34.6	35.4	-	-	-	-	-	-
Cable and other pay television services	484	38.6	39.1	38.8	38.9	-	-	-	-	-	-
Electric, gas, and sanitary services	49	42.3	42.0	42.0	42.4	-	-	-	-	-	-
Electric services	491	42.0	41.6	41.7	42.2	-	-	-	-	-	-
Gas production and distribution	492	43.5	42.9	42.9	43.4	-	-	-	-	-	-
Combination utility services	493	42.5	42.4	41.7	42.2	-	-	-	-	-	-
Sanitary services	495	41.9	42.3	42.6	42.6	-	-	-	-	-	-
Wholesale trade		38.1	38.4	38.2	38.4	38.2	-	-	-	-	-
Durable goods	50	38.6	38.9	38.8	39.0	-	-	-	-	-	-
Motor vehicles, parts, and supplies	501	38.0	38.2	38.2	38.4	-	-	-	-	-	-
Furniture and home furnishings	502	36.5	37.0	37.4	37.2	-	-	-	-	-	-
Lumber and other construction materials	503	39.9	39.8	40.1	40.0	-	-	-	-	-	-
Professional and commercial equipment	504	38.8	39.4	38.9	39.3	-	-	-	-	-	-
Medical and hospital equipment	5047	37.3	38.3	37.3	37.3	-	-	-	-	-	-
Metals and minerals, except petroleum	505	40.4	40.7	40.1	40.3	-	-	-	-	-	-
Electrical goods	506	38.7	39.3	38.6	38.7	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	38.5	38.8	38.5	38.6	-	-	-	-	-	-
Machinery, equipment, and supplies	508	39.0	39.2	39.4	39.6	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	37.0	37.2	37.3	37.6	-	-	-	-	-	-
Nondurable goods	51	37.5	37.6	37.5	37.6	-	-	-	-	-	-
Paper and paper products	511	37.1	37.4	36.8	37.0	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	37.2	37.5	37.2	37.6	-	-	-	-	-	-
Apparel, piece goods, and notions	513	37.1	37.3	37.2	37.3	-	-	-	-	-	-
Groceries and related products	514	38.3	38.5	38.1	38.3	-	-	-	-	-	-
Farm-product raw materials	515	35.2	34.5	37.9	36.8	-	-	-	-	-	-
Chemicals and allied products	516	40.0	40.4	39.9	40.0	-	-	-	-	-	-
Petroleum and petroleum products	517	38.4	38.3	37.8	38.0	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	36.1	36.9	36.7	36.8	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	36.2	36.4	36.7	36.7	-	-	-	-	-	-
Retail trade		28.4	29.2	28.7	28.6	28.9	-	-	-	-	-
Building materials and garden supplies	52	35.8	35.8	36.6	36.4	-	-	-	-	-	-
Lumber and other building materials	521	37.9	37.8	38.6	38.3	-	-	-	-	-	-
Hardware stores	525	32.1	32.4	32.2	32.4	-	-	-	-	-	-
Retail nurseries and garden stores	526	32.4	33.0	34.7	34.0	-	-	-	-	-	-
General merchandise stores	53	28.7	31.6	29.0	29.0	-	-	-	-	-	-
Department stores	531	28.7	31.8	29.1	29.1	-	-	-	-	-	-
Variety stores	533	27.4	30.6	27.5	27.6	-	-	-	-	-	-
Misc. general merchandise stores	539	29.1	30.6	29.5	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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^a	Dec. 1992 ^a	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^a	Dec. 1992 ^a
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	\$9.75	\$9.74	\$9.88	\$9.96	-	\$325.65	\$329.21	\$332.96	\$332.66	-
Local and suburban transportation	411	10.47	10.51	10.60	10.74	-	394.72	399.38	411.28	416.71	-
Intercity and rural bus transportation	413	13.26	13.31	12.82	12.79	-	541.01	512.44	508.95	478.35	-
Trucking and warehousing	42	11.99	12.01	12.21	12.25	-	461.62	469.59	477.41	476.53	-
Trucking and courier services, except air	421	12.19	12.19	12.40	12.44	-	466.88	475.41	483.60	482.67	-
Public warehousing and storage	422	9.64	9.67	9.82	9.93	-	393.31	393.57	399.67	405.14	-
Water transportation:											
Water transportation services	449	17.16	17.00	17.56	17.88	-	605.75	598.40	612.84	636.53	-
Pipelines, except natural gas	46	17.69	18.17	18.93	19.08	-	750.06	772.23	783.70	795.64	-
Transportation services	47	10.60	10.64	10.86	10.88	-	384.78	393.68	397.48	410.18	-
Passenger transportation arrangement	472	9.56	9.65	10.06	10.12	-	342.25	347.40	359.14	369.38	-
Travel agencies	4724	9.57	9.69	10.01	10.10	-	346.43	352.72	356.36	367.64	-
Freight transportation arrangement	473	12.00	11.96	12.02	12.00	-	435.60	450.89	445.94	466.80	-
Communications	48	14.13	14.18	14.85	14.86	-	551.07	555.86	588.06	591.43	-
Telephone communications	481	14.78	14.83	15.70	15.68	-	600.07	600.62	648.41	647.58	-
Radio and television broadcasting	483	13.65	13.76	13.85	13.97	-	464.10	477.47	479.21	494.54	-
Cable and other pay television services	484	10.70	10.77	11.08	11.12	-	413.02	421.11	429.90	432.57	-
Electric, gas, and sanitary services	49	16.03	16.05	16.26	16.54	-	678.07	674.10	682.92	701.30	-
Electric services	491	16.55	16.65	16.97	17.31	-	695.10	692.64	707.65	730.48	-
Gas production and distribution	492	15.23	15.24	15.71	16.03	-	662.51	653.80	673.96	695.70	-
Combination utility services	493	18.93	18.83	18.83	19.06	-	804.53	798.39	785.21	804.33	-
Sanitary services	495	11.96	11.94	12.06	12.14	-	501.12	505.06	513.76	517.16	-
Wholesale trade		11.25	11.33	11.46	11.53	\$11.53	428.63	435.07	437.77	442.75	\$440.45
Durable goods	50	11.62	11.69	11.83	11.91	-	448.53	454.74	459.00	464.49	-
Motor vehicles, parts, and supplies	501	10.38	10.48	10.44	10.43	-	394.44	400.34	398.81	400.51	-
Furniture and home furnishings	502	10.25	10.25	10.38	10.45	-	374.13	379.25	388.21	388.74	-
Lumber and other construction materials	503	10.86	10.93	11.14	11.13	-	433.31	435.01	446.71	445.20	-
Professional and commercial equipment	504	13.80	13.89	14.14	14.28	-	535.44	547.27	550.05	561.20	-
Medical and hospital equipment	5047	12.70	13.02	12.80	12.99	-	473.71	498.67	477.44	484.53	-
Metals and minerals, except petroleum	505	11.69	11.76	11.83	11.93	-	472.28	478.63	474.38	480.78	-
Electrical goods	506	11.93	11.96	12.22	12.33	-	461.69	470.03	471.69	477.17	-
Hardware, plumbing, and heating equipment	507	11.06	11.12	11.24	11.32	-	425.81	431.46	432.74	436.95	-
Machinery, equipment, and supplies	508	11.54	11.58	11.78	11.83	-	450.06	453.94	464.13	468.47	-
Misc. wholesale trade durable goods	509	8.96	8.99	9.22	9.28	-	331.52	334.43	343.91	348.93	-
Nondurable goods	51	10.74	10.84	10.95	11.03	-	402.75	407.58	410.63	414.73	-
Paper and paper products	511	11.31	11.34	11.52	11.60	-	419.60	424.12	423.94	429.20	-
Drugs, proprietaries, and sundries	512	12.74	12.87	13.17	13.20	-	473.93	482.63	489.92	496.32	-
Apparel, piece goods, and notions	513	10.54	10.66	10.57	10.59	-	391.03	397.62	393.20	395.01	-
Groceries and related products	514	10.85	10.96	11.16	11.22	-	415.56	421.96	425.20	429.73	-
Farm-product raw materials	515	7.93	8.00	8.19	8.30	-	279.14	276.00	310.40	305.44	-
Chemicals and allied products	516	12.86	12.97	13.39	13.33	-	514.40	523.99	534.26	533.20	-
Petroleum and petroleum products	517	10.47	10.48	10.56	10.54	-	402.05	401.38	399.17	400.52	-
Beer, wine, and distilled beverages	518	12.59	12.95	12.63	12.94	-	454.50	477.86	463.52	476.19	-
Misc. wholesale trade nondurable goods	519	9.12	9.14	9.31	9.33	-	330.14	332.70	341.68	342.41	-
Retail trade		7.06	7.05	7.19	7.21	7.19	200.50	205.86	206.35	206.21	207.79
Building materials and garden supplies	52	8.34	8.35	8.53	8.56	-	298.57	298.93	312.20	311.58	-
Lumber and other building materials	521	8.70	8.72	8.90	8.93	-	329.73	329.62	343.54	342.02	-
Hardware stores	525	7.07	7.14	7.30	7.36	-	226.95	231.34	235.06	238.46	-
Retail nurseries and garden stores	526	7.45	7.31	7.43	7.44	-	241.38	241.23	257.82	252.96	-
General merchandise stores	53	7.06	7.07	7.25	7.18	-	202.62	223.41	210.25	208.22	-
Department stores	531	7.14	7.17	7.29	7.22	-	204.92	228.01	212.14	210.10	-
Variety stores	533	5.76	5.76	6.17	6.17	-	157.82	176.26	169.68	170.29	-
Misc. general merchandise stores	539	7.20	7.10	7.62	7.57	-	209.52	217.26	224.79	220.29	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^P	Dec. 1992 ^P	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^P	Dec. 1992 ^P
Retail trade—Continued											
Food stores	54	29.2	29.0	29.5	29.4	-	-	-	-	-	-
Grocery stores	541	29.4	29.0	29.6	29.5	-	-	-	-	-	-
Retail bakeries	546	28.1	28.5	28.6	28.4	-	-	-	-	-	-
Automotive dealers and service stations	55	35.9	35.9	36.0	36.1	-	-	-	-	-	-
New and used car dealers	551	37.3	37.4	37.3	37.7	-	-	-	-	-	-
Auto and home supply stores	553	37.9	37.5	37.9	37.9	-	-	-	-	-	-
Gasoline service stations	554	33.4	33.3	33.1	33.3	-	-	-	-	-	-
Automotive dealers, nec	559	34.7	34.9	34.4	34.4	-	-	-	-	-	-
Apparel and accessory stores	56	26.5	27.4	26.3	26.4	-	-	-	-	-	-
Men's and boys' clothing stores	561	27.7	29.0	28.7	28.5	-	-	-	-	-	-
Women's clothing stores	562	24.0	24.8	24.0	24.0	-	-	-	-	-	-
Family clothing stores	565	27.5	28.5	27.4	27.9	-	-	-	-	-	-
Shoe stores	566	28.9	30.0	27.4	27.0	-	-	-	-	-	-
Furniture and home furnishings stores	57	32.9	33.8	32.9	32.8	-	-	-	-	-	-
Furniture and home furnishings stores	571	33.3	33.7	33.0	33.3	-	-	-	-	-	-
Household appliance stores	572	34.0	36.0	33.4	33.8	-	-	-	-	-	-
Radio, television, and computer stores	573	32.1	33.3	32.5	31.8	-	-	-	-	-	-
Radio, television, and electronic stores	5731	31.6	33.4	32.1	31.9	-	-	-	-	-	-
Record and prerecorded tape stores	5735	26.2	27.8	27.4	25.3	-	-	-	-	-	-
Eating and drinking places ⁴	58	24.5	24.9	24.8	24.8	-	-	-	-	-	-
Miscellaneous retail establishments	59	29.4	30.6	29.5	29.5	-	-	-	-	-	-
Drug stores and proprietary stores	591	27.5	27.9	27.8	27.8	-	-	-	-	-	-
Used merchandise stores	593	32.3	32.5	32.3	32.4	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	27.4	29.6	27.7	27.6	-	-	-	-	-	-
Nonstore retailers	596	34.1	35.5	33.9	34.4	-	-	-	-	-	-
Fuel dealers	598	39.2	38.6	38.2	38.8	-	-	-	-	-	-
Retail stores, nec	599	31.0	32.1	31.0	31.0	-	-	-	-	-	-
Finance, insurance, and real estate⁵		35.6	36.2	35.6	36.2	35.6	-	-	-	-	-
Depository institutions	60	35.2	35.9	35.1	35.8	-	-	-	-	-	-
Commercial banks	602	35.0	35.8	34.9	35.7	-	-	-	-	-	-
Credit unions	606	35.3	35.9	35.5	36.0	-	-	-	-	-	-
Nondepository institutions	61	37.3	38.6	37.5	38.2	-	-	-	-	-	-
Personal credit institutions	614	37.3	38.4	37.9	38.2	-	-	-	-	-	-
Security and commodity brokers:											
Security and commodity services	628	37.2	37.7	36.5	36.8	-	-	-	-	-	-
Insurance carriers	63	37.5	38.0	37.6	38.1	-	-	-	-	-	-
Life insurance	631	37.1	37.4	37.2	37.8	-	-	-	-	-	-
Medical service and health insurance	632	38.6	38.5	38.4	38.5	-	-	-	-	-	-
Fire, marine, and casualty insurance	633	37.4	37.9	37.4	37.8	-	-	-	-	-	-
Services		32.3	32.6	32.4	32.6	32.4	-	-	-	-	-
Agricultural services	07	33.7	33.0	34.7	33.7	-	-	-	-	-	-
Hotels and other lodging places:											
Hotels and motels ⁴	701	30.3	30.5	31.0	31.4	-	-	-	-	-	-
Personal services:											
Laundry, cleaning, and garment services	721	33.9	33.9	34.5	34.3	-	-	-	-	-	-
Beauty shops ⁴	723	29.1	29.9	28.8	28.7	-	-	-	-	-	-
Miscellaneous personal services	729	26.6	24.4	25.5	25.4	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ²	Dec. 1992 ²	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ²	Dec. 1992 ²
Retail trade—Continued											
Food stores	54	\$7.53	\$7.47	\$7.60	\$7.67	-	\$219.88	\$216.63	\$224.20	\$225.50	-
Grocery stores	541	7.62	7.56	7.69	7.76	-	224.03	219.24	227.62	228.92	-
Retail bakeries	546	6.50	6.52	6.69	6.75	-	182.65	185.82	191.33	191.70	-
Automotive dealers and service stations	55	9.18	9.16	9.41	9.40	-	329.56	328.84	338.76	339.34	-
New and used car dealers	551	11.31	11.26	11.63	11.58	-	421.86	421.12	433.80	436.57	-
Auto and home supply stores	553	8.14	8.11	8.23	8.24	-	308.51	304.13	311.92	312.30	-
Gasoline service stations	554	6.49	6.51	6.55	6.52	-	216.77	216.78	216.81	217.12	-
Automotive dealers, nec	559	10.50	10.78	10.40	10.71	-	364.35	376.22	357.76	368.42	-
Apparel and accessory stores	56	6.77	6.76	6.94	6.98	-	179.41	185.22	182.52	184.27	-
Men's and boys' clothing stores	561	8.19	8.15	8.46	8.50	-	226.86	236.35	242.80	242.25	-
Women's clothing stores	562	6.37	6.31	6.57	6.57	-	152.88	156.49	157.68	157.68	-
Family clothing stores	565	6.61	6.54	6.71	6.84	-	181.78	186.39	183.85	190.84	-
Shoe stores	566	7.05	7.25	7.25	7.26	-	203.75	217.50	198.65	196.02	-
Furniture and home furnishings stores	57	9.03	9.11	9.25	9.28	-	297.09	307.92	304.33	304.38	-
Furniture and home furnishings stores	571	8.75	8.86	9.09	9.15	-	291.38	298.58	299.97	304.70	-
Household appliance stores	572	9.45	9.81	9.56	9.56	-	321.30	353.16	319.30	321.22	-
Radio, television, and computer stores	573	9.33	9.29	9.45	9.40	-	299.49	309.36	307.13	298.92	-
Radio, television, and electronic stores	5731	8.94	9.17	9.13	9.13	-	282.50	306.28	293.07	291.25	-
Record and prerecorded tape stores	5735	5.75	5.76	5.82	5.88	-	150.65	160.13	159.47	148.76	-
Eating and drinking places ⁴	58	5.24	5.29	5.32	5.33	-	128.38	131.72	131.94	132.18	-
Miscellaneous retail establishments	59	7.49	7.40	7.72	7.72	-	220.21	226.44	227.74	227.74	-
Drug stores and proprietary stores	591	7.38	7.31	7.72	7.78	-	202.95	203.95	214.62	216.28	-
Used merchandise stores	593	6.57	6.61	6.57	6.58	-	212.21	214.83	212.21	213.19	-
Miscellaneous shopping goods stores	594	6.93	6.82	7.17	7.08	-	189.88	201.87	198.61	195.41	-
Nonstore retailers	596	8.04	8.09	8.14	8.13	-	274.16	287.20	275.95	279.67	-
Fuel dealers	598	10.73	10.72	10.85	11.04	-	420.62	413.79	414.47	428.35	-
Retail stores, nec	599	7.70	7.66	8.07	8.12	-	238.70	245.89	250.17	251.72	-
Finance, insurance, and real estate⁵		10.52	10.66	10.91	11.05	\$11.00	374.51	385.89	388.40	400.01	\$391.60
Depository institutions	60	8.84	8.91	9.00	9.10	-	311.17	319.87	315.90	325.78	-
Commercial banks	602	8.49	8.54	8.61	8.71	-	297.15	305.73	300.49	310.95	-
Credit unions	606	8.54	8.63	8.81	8.90	-	301.46	309.82	312.76	320.40	-
Nondepository institutions	61	11.00	11.35	11.73	11.92	-	410.30	438.11	439.88	455.34	-
Personal credit institutions	614	9.60	9.89	9.71	9.81	-	358.08	379.78	368.01	374.74	-
Security and commodity brokers:											
Security and commodity services	628	14.84	15.10	15.43	15.62	-	552.05	569.27	563.20	574.82	-
Insurance carriers	63	11.90	12.07	12.53	12.66	-	446.25	458.66	471.13	482.35	-
Life insurance	631	10.85	10.97	11.45	11.58	-	402.54	410.28	425.94	437.72	-
Medical service and health insurance	632	11.35	11.65	11.91	12.13	-	438.11	448.53	457.34	467.01	-
Fire, marine, and casualty insurance	633	12.87	13.00	13.63	13.71	-	481.34	492.70	509.76	518.24	-
Services		10.39	10.48	10.63	10.71	10.75	335.60	341.65	344.41	349.15	348.30
Agricultural services	07	8.37	8.51	8.38	8.44	-	282.07	280.83	290.79	284.43	-
Hotels and other lodging places:											
Hotels and motels ⁴	701	7.28	7.42	7.50	7.56	-	220.58	226.31	232.50	237.38	-
Personal services:											
Laundry, cleaning, and garment services	721	7.11	7.15	7.19	7.22	-	241.03	242.39	248.06	247.65	-
Beauty shops ⁴	723	7.21	7.40	7.55	7.57	-	209.81	221.26	217.44	217.26	-
Miscellaneous personal services	729	7.79	7.78	8.05	8.11	-	207.21	189.83	205.28	205.99	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^a	Dec. 1992 ^a	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^a	Dec. 1992 ^a
Services—Continued											
Business services	73	33.0	33.3	32.9	33.2	-	-	-	-	-	-
Advertising	731	36.2	36.5	36.9	37.1	-	-	-	-	-	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services	7334	37.1	38.0	36.8	37.3	-	-	-	-	-	-
Services to buildings	734	28.2	28.3	28.7	28.5	-	-	-	-	-	-
Miscellaneous equipment rental and leasing	735	38.4	38.8	39.4	39.4	-	-	-	-	-	-
Heavy construction equipment rental	7353	39.4	39.7	41.4	40.0	-	-	-	-	-	-
Personnel supply services:											
Help supply services	7363	31.0	31.3	30.9	31.3	-	-	-	-	-	-
Computer and data processing services	737	38.1	38.2	38.0	38.5	-	-	-	-	-	-
Computer programming services	7371	38.4	38.2	37.9	38.3	-	-	-	-	-	-
Computer integrated systems design	7373	39.2	39.3	38.5	39.8	-	-	-	-	-	-
Information retrieval services	7375	39.5	39.8	38.2	39.0	-	-	-	-	-	-
Computer maintenance and repair	7378	38.9	39.1	38.8	38.9	-	-	-	-	-	-
Miscellaneous business services	738	33.9	34.2	33.6	33.6	-	-	-	-	-	-
Detective and armored car services	7381	33.2	33.8	33.6	33.4	-	-	-	-	-	-
Security systems services	7382	37.1	36.9	37.3	37.2	-	-	-	-	-	-
Auto repair, services, and parking	75	36.4	36.4	36.4	36.3	-	-	-	-	-	-
Automobile parking	752	32.3	34.0	32.6	33.4	-	-	-	-	-	-
Automotive repair shops	753	38.3	38.0	38.2	38.2	-	-	-	-	-	-
Miscellaneous repair services	76	37.8	37.8	38.0	37.9	-	-	-	-	-	-
Motion pictures	78	27.2	27.7	28.5	28.9	-	-	-	-	-	-
Motion picture production and services	781	35.9	37.0	38.6	39.1	-	-	-	-	-	-
Amusement and recreation services	79	26.5	26.6	25.9	26.4	-	-	-	-	-	-
Bowling centers	793	25.3	25.0	24.8	25.1	-	-	-	-	-	-
Misc. amusement and recreation services	799	25.6	26.0	25.3	25.7	-	-	-	-	-	-
Physical fitness facilities	7991	18.2	18.3	18.1	18.3	-	-	-	-	-	-
Membership sports and recreation clubs	7997	27.7	29.8	28.5	28.2	-	-	-	-	-	-
Health services	80	32.6	32.8	32.6	32.9	-	-	-	-	-	-
Offices and clinics of medical doctors	801	31.9	32.2	31.8	32.5	-	-	-	-	-	-
Offices and clinics of dentists	802	28.3	28.5	28.2	28.6	-	-	-	-	-	-
Offices and clinics of other health practitioners	804	29.5	29.7	29.7	30.1	-	-	-	-	-	-
Nursing and personal care facilities	805	32.1	32.6	32.0	32.6	-	-	-	-	-	-
Intermediate care facilities	8052	31.4	31.8	31.3	32.0	-	-	-	-	-	-
Hospitals	806	34.3	34.4	34.3	34.5	-	-	-	-	-	-
Home health care services	808	26.6	26.8	27.6	27.9	-	-	-	-	-	-
Legal services	81	34.5	35.3	34.6	35.3	-	-	-	-	-	-
Social services:											
Child day care services	835	29.6	29.6	30.1	30.0	-	-	-	-	-	-
Membership organizations:											
Professional organizations	862	35.3	35.2	35.0	35.4	-	-	-	-	-	-
Engineering and management services	87	37.1	37.3	37.1	37.4	-	-	-	-	-	-
Engineering and architectural services	871	38.8	38.9	39.1	39.4	-	-	-	-	-	-
Engineering services	8711	39.0	39.2	39.3	39.7	-	-	-	-	-	-
Architectural services	8712	38.0	38.1	37.9	38.3	-	-	-	-	-	-
Surveying services	8713	37.5	37.4	38.6	38.0	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	872	37.3	37.3	36.4	36.7	-	-	-	-	-	-
Research and testing services	873	36.4	37.0	36.6	36.9	-	-	-	-	-	-
Management and public relations	874	35.4	35.5	35.4	35.6	-	-	-	-	-	-
Public relations services	8743	35.1	36.4	34.6	35.0	-	-	-	-	-	-
Services, nec	89	36.2	36.3	38.1	38.3	-	-	-	-	-	-

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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^P	Dec. 1992 ^P	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^P	Dec. 1992 ^P
Services—Continued											
Business services	73	\$9.80	\$9.89	\$9.91	\$9.98	-	\$323.40	\$329.34	\$326.04	\$331.34	-
Advertising	731	14.31	14.59	14.87	15.25	-	518.02	532.54	548.70	565.78	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services	7334	9.23	9.25	9.39	9.39	-	342.43	351.50	345.55	350.25	-
Services to buildings	734	7.29	7.31	7.38	7.35	-	205.58	206.87	211.81	209.48	-
Miscellaneous equipment rental and leasing	735	10.33	10.45	10.61	10.60	-	396.67	405.46	418.03	417.64	-
Heavy construction equipment rental	7353	12.97	13.28	13.77	13.58	-	511.02	527.22	570.08	543.20	-
Personnel supply services:											
Help supply services	7363	8.31	8.40	8.19	8.22	-	257.61	262.92	253.07	257.29	-
Computer and data processing services	737	15.58	15.74	15.90	16.08	-	593.60	601.27	604.20	619.08	-
Computer programming services	7371	17.98	18.36	18.65	18.87	-	690.43	701.35	706.84	722.72	-
Computer integrated systems design	7373	16.59	16.39	16.84	16.85	-	650.33	644.13	648.34	670.63	-
Information retrieval services	7375	13.03	12.89	13.28	13.59	-	514.69	513.02	507.30	530.01	-
Computer maintenance and repair	7378	13.77	13.79	13.70	13.63	-	535.65	539.19	531.56	530.21	-
Miscellaneous business services	738	8.27	8.33	8.53	8.52	-	280.35	284.89	286.61	286.27	-
Detective and armored car services	7381	6.59	6.58	6.71	6.75	-	218.79	222.40	225.46	225.45	-
Security systems services	7382	9.91	9.95	10.26	10.58	-	367.66	367.16	382.70	393.58	-
Auto repair, services, and parking	75	9.09	9.11	9.19	9.26	-	330.88	331.60	334.52	336.14	-
Automobile parking	752	6.72	6.87	6.80	6.90	-	217.06	233.58	221.68	230.46	-
Automotive repair shops	753	9.96	9.97	10.09	10.15	-	381.47	378.86	385.44	387.73	-
Miscellaneous repair services	76	10.61	10.69	10.93	10.92	-	401.06	404.08	415.34	413.87	-
Motion pictures	78	12.14	12.03	12.93	13.22	-	330.21	333.23	368.51	382.06	-
Motion picture production and services	781	18.46	16.78	18.83	19.50	-	662.71	694.86	726.84	762.45	-
Amusement and recreation services	79	8.47	8.48	8.50	8.64	-	224.46	225.57	220.15	228.10	-
Bowling centers	793	6.41	6.41	6.50	6.45	-	162.17	160.25	161.20	161.90	-
Misc. amusement and recreation services	799	7.84	7.95	7.80	7.96	-	200.70	206.70	197.34	204.57	-
Physical fitness facilities	7991	7.77	7.72	7.97	7.96	-	141.41	141.28	144.26	145.67	-
Membership sports and recreation clubs	7997	7.90	8.11	7.90	7.97	-	218.83	241.68	225.15	224.75	-
Health services	80	11.15	11.20	11.52	11.54	-	363.49	367.36	375.55	379.67	-
Offices and clinics of medical doctors	801	11.30	11.38	11.55	11.63	-	360.47	366.44	367.29	377.98	-
Offices and clinics of dentists	802	10.76	10.87	11.12	11.21	-	304.51	309.80	313.58	320.61	-
Offices and clinics of other health practitioners	804	9.74	9.86	10.08	10.05	-	287.33	292.84	299.38	302.51	-
Nursing and personal care facilities	805	7.64	7.69	7.93	7.92	-	245.24	250.69	253.76	258.19	-
Intermediate care facilities	8052	7.05	7.10	7.32	7.32	-	221.37	225.78	229.12	234.24	-
Hospitals	806	12.75	12.80	13.20	13.23	-	437.33	440.32	452.76	456.44	-
Home health care services	808	9.64	9.75	10.12	10.14	-	256.42	261.30	279.31	282.91	-
Legal services	81	14.70	14.96	15.12	15.34	-	507.15	528.09	523.15	541.50	-
Social services:											
Child day care services	835	6.42	6.51	6.58	6.59	-	190.03	192.70	198.06	197.70	-
Membership organizations:											
Professional organizations	862	13.77	14.02	14.53	14.71	-	486.08	493.50	508.55	520.73	-
Engineering and management services	87	14.28	14.48	14.78	14.95	-	529.79	540.10	548.34	559.13	-
Engineering and architectural services	871	15.80	16.00	16.19	16.29	-	613.04	622.40	633.03	641.83	-
Engineering services	8711	16.36	16.55	16.79	16.87	-	638.04	648.76	659.85	669.74	-
Architectural services	8712	14.68	14.91	14.92	15.11	-	557.84	566.07	565.47	578.71	-
Surveying services	8713	10.92	11.02	11.27	11.33	-	409.50	412.15	435.02	430.54	-
Accounting, auditing, and bookkeeping	872	12.35	12.65	12.93	13.11	-	460.66	471.85	470.65	481.14	-
Research and testing services	873	15.14	15.30	15.65	15.84	-	551.10	566.10	572.79	584.50	-
Management and public relations	874	12.90	13.07	13.45	13.67	-	456.66	463.99	476.13	489.39	-
Public relations services	8743	13.97	13.79	13.42	13.53	-	490.35	501.96	464.33	473.55	-
Services, nec	89	15.51	15.70	15.76	16.04	-	561.46	569.91	600.46	614.33	-

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 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 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1991 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. 1991	Nov. 1991	Oct. 1992	Nov. 1992 ^p	Oct. 1991	Nov. 1991	Oct. 1992	Nov. 1992 ^p
Average hourly earnings, excluding lump-sum payments	\$17.14	\$17.31	\$18.09	\$18.16	\$15.37	\$15.43	\$16.71	\$17.03
Average hourly earnings, including lump-sum payments	17.54	17.63	18.94	19.01	15.51	15.52	16.81	17.12

^p = preliminary.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

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

Industry	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Manufacturing	\$10.79	\$10.85	\$10.95	\$11.01	\$11.07
Durable goods	11.37	11.41	11.52	11.56	11.62
Lumber and wood products	8.95	8.95	9.08	9.06	(f)
Furniture and fixtures	8.55	8.58	8.76	8.76	(f)
Stone, clay, and glass products	10.89	10.91	11.03	11.09	(f)
Primary metal industries	12.76	12.77	12.96	12.98	(f)
Fabricated metal products	10.84	10.87	10.89	10.93	(f)
Industrial machinery and equipment	11.72	11.72	11.92	11.96	(f)
Electronic and other electrical equipment	10.39	10.44	10.58	10.57	(f)
Transportation equipment	14.32	14.41	14.59	14.64	(f)
Instruments and related products	11.29	11.35	11.65	11.69	(f)
Miscellaneous manufacturing	8.61	8.74	8.81	8.86	(f)
Nondurable goods	10.04	10.13	10.22	10.30	\$10.36
Food and kindred products	9.49	9.61	9.54	9.72	(f)
Tobacco products	16.34	15.40	15.31	16.87	(f)
Textile mill products	8.01	8.04	8.23	8.26	(f)
Apparel and other textile products	6.64	6.70	6.79	6.79	(f)
Paper and allied products	12.14	12.23	12.38	12.45	(f)
Printing and publishing	11.14	11.22	11.38	11.37	(f)
Chemicals and allied products	13.46	13.52	13.81	13.90	(f)
Petroleum and coal products	16.17	16.37	16.72	16.89	(f)
Rubber and misc. plastics products	9.69	9.78	9.92	9.95	(f)
Leather and leather products	7.03	7.12	7.14	7.17	(f)

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 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1991 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. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p	Nov. 1991	Dec. 1991	Oct. 1992	Nov. 1992 ^p	Dec. 1992 ^p
Total private:										
Current dollars	\$10.45	\$10.49	\$10.69	\$10.72	\$10.72	\$358.44	\$364.00	\$368.81	\$370.91	\$369.84
Constant (1982) dollars	7.46	7.48	7.42	7.43	(^q)	255.85	259.63	255.94	257.04	(^q)
Mining:										
Current dollars	14.27	14.50	14.44	14.57	\$14.54	635.02	648.15	641.14	651.28	\$647.03
Constant (1982) dollars	10.19	10.34	10.02	10.10	(^q)	453.26	462.30	444.93	451.34	(^q)
Construction:										
Current dollars	13.98	14.09	14.25	14.18	\$14.22	528.44	534.01	555.75	531.75	\$528.98
Constant (1982) dollars	9.98	10.05	9.89	9.83	(^q)	377.19	380.89	385.67	368.50	(^q)
Manufacturing:										
Current dollars	11.31	11.38	11.49	11.55	\$11.63	467.10	474.55	474.54	480.48	\$488.46
Constant (1982) dollars	8.07	8.12	7.97	8.00	(^q)	333.40	338.48	329.31	332.97	(^q)
Transportation and public utilities:										
Current dollars	13.28	13.38	13.59	13.65	\$13.62	511.28	517.81	530.01	537.81	\$533.90
Constant (1982) dollars	9.48	9.54	9.43	9.46	(^q)	364.94	369.34	367.81	372.70	(^q)
Wholesale trade:										
Current dollars	11.25	11.33	11.46	11.53	\$11.53	428.63	435.07	437.77	442.75	\$440.45
Constant (1982) dollars	8.03	8.08	7.95	7.99	(^q)	305.95	310.32	303.80	306.83	(^q)
Retail trade:										
Current dollars	7.06	7.05	7.19	7.21	\$7.19	200.50	205.86	206.35	206.21	\$207.79
Constant (1982) dollars	5.04	5.03	4.99	5.00	(^q)	143.11	146.83	143.20	142.90	(^q)
Finance, insurance, and real estate:										
Current dollars	10.52	10.66	10.91	11.05	\$11.00	374.51	385.89	388.40	400.01	\$391.60
Constant (1982) dollars	7.51	7.60	7.57	7.66	(^q)	267.32	275.24	269.54	277.21	(^q)
Services:										
Current dollars	10.39	10.48	10.63	10.71	\$10.75	335.60	341.65	344.41	349.15	\$348.30
Constant (1982) dollars	7.42	7.48	7.38	7.42	(^q)	239.54	243.69	239.01	241.96	(^q)

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 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1991 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	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Total private	34.5	34.3	34.6	34.5	34.3	34.6	34.3	34.3	34.6	34.3	34.5	34.6	34.3
Mining	44.0	43.7	44.2	44.3	44.2	44.3	43.4	43.7	44.4	43.8	44.0	44.3	43.8
Construction	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Manufacturing	41.0	40.9	41.1	41.1	41.1	41.3	41.0	41.0	41.0	40.9	41.1	41.2	41.3
<i>Overtime hours</i>	3.7	3.6	3.7	3.8	3.9	4.1	3.8	3.8	3.7	3.5	3.8	3.9	3.9
Durable goods	41.4	41.3	41.6	41.6	41.5	41.9	41.5	41.6	41.6	41.2	41.6	41.8	41.9
<i>Overtime hours</i>	3.7	3.5	3.7	3.7	3.8	4.1	3.8	3.8	3.7	3.4	3.8	3.9	3.9
Lumber and wood products	40.6	40.5	41.1	41.0	40.6	40.8	40.1	40.8	40.5	40.3	40.7	41.0	40.5
Furniture and fixtures	39.5	39.5	39.7	40.1	40.0	40.0	39.8	40.1	39.4	39.2	39.7	40.1	39.7
Stone, clay, and glass products	41.9	41.6	41.9	42.0	42.4	42.5	42.3	42.5	42.3	42.5	42.4	42.3	42.1
Primary metal industries	42.6	42.4	42.9	43.0	43.2	43.6	43.2	43.1	42.7	42.8	43.1	43.6	43.6
Blast furnaces and basic steel products ..	43.0	42.4	43.3	43.5	44.0	44.1	43.8	43.8	43.9	42.4	42.8	43.3	43.7
Fabricated metal products	41.5	41.4	41.6	41.6	41.3	41.9	41.6	41.9	41.6	41.1	41.7	41.9	41.9
Industrial machinery and equipment	41.9	41.8	42.1	42.2	42.1	42.6	42.2	42.1	42.2	42.0	42.5	42.8	42.5
Electronic and other electrical equipment ..	41.1	41.0	41.1	41.2	41.0	41.5	41.1	41.3	41.2	41.0	41.3	41.6	41.5
Transportation equipment	42.0	41.6	42.0	42.0	41.8	42.2	41.9	41.5	42.2	40.9	41.5	41.7	42.6
Motor vehicles and equipment	42.3	41.9	42.8	42.5	43.2	43.1	42.6	42.5	42.9	41.0	41.5	42.2	43.7
Instruments and related products	41.1	41.0	41.2	41.2	40.9	41.4	41.2	41.1	41.2	41.0	41.3	41.2	41.3
Miscellaneous manufacturing	40.0	39.8	39.9	40.0	39.9	40.0	40.0	40.1	39.7	39.5	40.0	40.0	40.1
Nondurable goods	40.5	40.4	40.5	40.5	40.6	40.5	40.4	40.3	40.3	40.5	40.4	40.5	40.6
<i>Overtime hours</i>	3.8	3.7	3.8	3.9	4.1	4.1	3.9	3.8	3.8	3.8	3.9	3.9	3.9
Food and kindred products	40.6	40.6	40.8	40.7	40.7	40.5	40.3	40.3	40.5	40.8	40.9	40.7	40.8
Tobacco products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Textile mill products	41.5	41.0	41.4	41.3	41.4	41.4	41.3	41.0	40.8	41.8	40.8	41.1	41.6
Apparel and other textile products	37.4	37.4	37.2	37.4	37.2	37.3	37.2	37.2	37.2	37.4	37.4	37.6	37.4
Paper and allied products	43.5	43.4	43.6	43.6	44.0	43.8	43.7	43.5	43.5	43.9	43.4	43.5	43.3
Printing and publishing	38.1	37.9	38.0	38.1	38.0	38.2	38.1	38.0	38.0	38.1	38.2	38.1	38.2
Chemicals and allied products	43.4	43.2	43.4	43.1	43.1	43.4	43.2	43.1	43.1	42.9	42.8	43.0	43.0
Petroleum and coal products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Rubber and misc. plastics products	41.5	41.5	41.7	41.7	42.3	41.9	41.8	41.6	41.7	41.5	41.5	41.8	42.0
Leather and leather products	37.7	37.6	37.1	37.6	38.0	38.2	38.0	38.4	37.9	37.8	38.4	39.2	38.1
Transportation and public utilities	38.6	38.5	38.7	38.5	38.2	38.8	38.6	38.8	39.3	38.9	38.9	39.4	39.1
Wholesale trade	38.2	38.1	38.5	38.3	38.3	38.3	38.1	38.0	38.5	38.0	38.1	38.5	38.0
Retail trade	28.7	28.7	29.0	28.8	28.6	28.8	28.6	28.5	28.9	28.9	28.9	28.9	28.4
Finance, insurance, and real estate	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Services	32.5	32.4	32.6	32.6	32.4	32.6	32.4	32.4	32.7	32.1	32.5	32.6	32.4

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 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 1991 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1988 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	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^p	Dec. ^p
Total private	120.7	120.3	121.2	121.0	120.7	121.7	120.8	120.8	121.7	120.5	121.4	122.0	121.1
Goods-producing	103.5	102.8	103.2	103.5	103.6	104.6	103.3	103.3	102.8	102.1	102.3	102.6	102.7
Mining	58.7	57.8	58.2	58.3	57.6	57.1	55.6	55.7	56.2	55.0	55.6	55.9	54.6
Construction	121.9	120.2	119.7	120.6	121.9	125.2	122.4	122.3	121.8	121.3	121.4	119.6	119.7
Manufacturing	102.6	102.1	102.7	102.9	102.8	103.3	102.4	102.5	101.8	101.2	101.4	102.1	102.3
Durable goods	99.3	98.6	99.5	99.7	99.2	100.1	99.0	99.0	98.4	97.2	97.9	98.8	99.0
Lumber and wood products	119.4	119.4	122.4	122.6	121.4	121.7	118.8	120.9	119.6	119.2	121.7	123.6	122.4
Furniture and fixtures	114.0	114.0	113.9	115.7	116.0	116.0	115.8	117.3	113.3	111.9	113.6	114.7	113.9
Stone, clay, and glass products	101.6	100.6	101.1	101.6	103.3	103.8	103.3	103.6	102.8	103.3	102.6	102.3	102.1
Primary metal industries	87.0	86.0	87.1	87.2	87.6	88.1	87.1	86.9	86.7	85.6	85.5	86.2	86.8
Blast furnaces and basic steel products	75.6	73.4	75.8	75.7	76.6	76.4	75.5	75.1	74.9	72.7	72.6	73.8	73.3
Fabricated metal products	101.6	101.2	101.7	101.7	101.1	102.6	101.4	101.9	101.2	99.6	100.5	101.4	101.1
Industrial machinery and equipment	90.0	89.6	90.2	90.4	90.5	92.1	91.0	90.4	90.4	90.3	90.9	92.0	91.4
Electronic and other electrical equipment	101.1	100.8	100.7	100.9	100.2	101.6	100.5	100.6	99.8	99.3	99.9	101.2	101.2
Transportation equipment	113.9	111.8	114.0	114.0	112.6	112.2	111.2	109.9	110.9	106.0	106.7	108.8	111.1
Motor vehicles and equipment	127.0	121.6	130.4	129.3	131.0	128.6	126.9	127.6	128.2	120.1	121.8	127.5	132.7
Instruments and related products	82.9	82.7	83.0	82.8	81.3	82.3	81.5	81.3	80.7	79.9	80.3	79.4	79.3
Miscellaneous manufacturing	99.8	99.3	99.5	100.1	99.9	100.5	99.8	100.8	97.5	97.4	98.2	98.6	99.6
Nondurable goods	107.2	106.9	107.3	107.4	107.8	107.8	107.2	107.4	106.6	106.8	106.2	106.7	107.0
Food and kindred products	110.4	110.7	111.3	111.1	112.1	111.5	110.6	111.6	111.0	110.7	111.1	111.2	111.7
Tobacco products	71.8	72.4	70.0	72.4	72.7	70.0	71.4	71.2	75.5	69.3	68.1	64.0	72.2
Textile mill products	100.4	99.1	100.5	100.6	100.6	100.3	99.9	99.3	98.0	100.7	97.1	98.5	99.9
Apparel and other textile products	94.2	94.1	93.7	94.2	93.6	94.3	93.5	94.7	92.6	92.5	92.2	92.7	92.2
Paper and allied products	109.9	109.4	109.7	109.9	111.3	111.3	110.6	110.1	109.7	111.5	109.6	109.9	109.6
Printing and publishing	123.9	123.3	123.3	123.6	123.5	124.1	123.5	123.3	123.2	123.6	123.5	123.0	123.4
Chemicals and allied products	101.2	100.6	100.9	100.0	99.8	100.7	100.1	99.1	99.1	98.1	98.1	98.2	98.0
Petroleum and coal products	85.6	85.2	87.0	86.3	84.8	86.5	82.2	83.1	83.3	82.1	84.6	85.0	83.9
Rubber and misc. plastics products	125.9	126.3	127.3	127.6	129.5	128.8	129.3	128.8	128.2	127.0	126.8	128.9	130.1
Leather and leather products	58.5	57.8	57.0	57.8	59.0	58.7	57.8	59.6	57.6	57.5	58.4	59.6	57.4
Service-producing	128.5	128.2	129.3	128.9	128.4	129.4	128.7	128.7	130.2	128.8	130.0	130.6	129.3
Transportation and public utilities	113.2	112.9	113.6	112.9	112.0	113.7	113.2	113.7	114.7	114.0	113.9	115.4	114.9
Wholesale trade	112.9	112.5	113.5	112.8	112.9	113.0	112.4	111.8	113.1	111.6	112.2	113.6	111.8
Retail trade	118.8	118.8	120.2	119.1	118.8	119.6	118.8	118.4	119.6	119.7	119.7	119.7	117.7
Finance, insurance, and real estate	119.9	119.0	120.8	120.5	118.3	119.0	118.4	117.6	120.6	118.2	119.7	121.4	118.7
Services	147.0	146.7	147.6	147.9	147.6	149.0	148.3	148.7	150.3	147.8	150.3	150.7	150.2

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.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1991 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1988 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
SEASONALLY ADJUSTED**

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

Industry	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^p	Dec. ^p
Average hourly earnings													
Total private (in current dollars)	\$10.46	\$10.46	\$10.51	\$10.55	\$10.52	\$10.56	\$10.58	\$10.58	\$10.66	\$10.63	\$10.65	\$10.71	\$10.70
Mining	14.43	14.43	14.45	14.50	14.46	14.49	14.52	14.50	14.55	14.54	14.59	14.66	14.45
Construction	14.02	13.99	13.93	14.06	14.03	14.09	14.20	14.11	14.21	14.07	14.15	14.18	14.15
Manufacturing	11.32	11.27	11.34	11.37	11.42	11.44	11.44	11.45	11.51	11.51	11.51	11.55	11.57
Excluding overtime²	10.82	10.81	10.86	10.87	10.93	10.92	10.93	10.95	11.00	11.03	10.98	11.03	11.04
Transportation and public utilities	13.34	13.34	13.43	13.41	13.43	13.44	13.47	13.43	13.59	13.56	13.56	13.65	13.59
Wholesale trade	11.27	11.27	11.33	11.35	11.29	11.37	11.38	11.38	11.51	11.44	11.48	11.53	11.47
Retail trade	7.06	7.07	7.09	7.12	7.09	7.12	7.11	7.14	7.16	7.18	7.18	7.19	7.20
Finance, insurance, and real estate	10.62	10.62	10.73	10.78	10.68	10.76	10.76	10.76	10.96	10.84	10.92	11.08	10.96
Services	10.39	10.41	10.47	10.50	10.46	10.49	10.53	10.53	10.61	10.59	10.61	10.67	10.66
Total private (in constant dollars)³	7.45	7.44	7.46	7.46	7.42	7.44	7.43	7.41	7.44	7.41	7.40	7.42	(*)
Average weekly earnings													
Total private:													
In current dollars	360.87	358.78	363.65	363.98	360.84	365.38	362.89	362.89	368.84	364.61	367.43	370.57	367.01
In constant (1982) dollars ³	257.03	255.36	258.27	257.23	254.47	257.31	254.84	254.30	257.57	254.08	255.16	256.81	(*)

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 1991 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1988 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. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
Alabama	41.4	41.6	42.1	\$9.78	\$10.09	\$10.05	\$404.89	\$419.74	\$423.11
Birmingham	40.9	41.7	42.8	10.14	10.57	10.68	414.73	440.77	457.10
Mobile	42.8	43.9	43.9	11.70	12.52	12.57	500.76	549.63	551.82
Alaska	40.7	41.8	41.9	12.23	12.36	12.14	497.76	516.65	508.67
Arizona	41.3	40.8	41.1	10.79	10.73	10.81	445.63	437.78	444.29
Arkansas	41.0	41.9	41.1	8.95	9.09	9.13	366.95	380.87	375.24
Fayetteville-Springdale	40.5	43.5	44.1	8.27	8.49	8.75	334.94	369.32	385.88
Fort Smith	40.5	41.8	40.1	9.18	9.21	9.29	371.79	384.98	372.53
Little Rock-North Little Rock	40.7	41.9	42.0	9.38	9.43	9.37	381.77	395.12	393.54
Pine Bluff	42.8	41.9	39.5	10.66	10.87	10.41	456.25	455.45	411.20
California	41.1	40.8	41.4	12.06	12.27	12.31	495.67	500.62	509.63
Anaheim-Santa Ana	40.9	40.4	41.0	12.16	12.23	12.28	497.34	494.09	503.48
Bakersfield	40.0	39.7	40.5	12.92	12.43	12.52	516.80	493.47	507.06
Fresno	40.9	40.9	41.0	10.10	9.97	10.01	413.09	407.77	410.41
Los Angeles-Long Beach	41.6	41.3	41.7	11.44	11.53	11.52	475.90	476.19	480.38
Modesto	40.4	40.5	41.4	11.50	11.73	11.81	464.60	475.07	488.93
Oakland	41.1	40.4	40.6	14.02	14.01	14.00	576.22	566.00	568.40
Oxnard-Ventura	42.1	40.4	40.9	11.21	11.16	11.33	471.94	450.86	463.40
Riverside-San Bernardino	40.3	40.7	41.0	11.03	11.36	11.37	444.51	462.35	466.17
Sacramento	40.2	40.7	40.6	12.62	13.09	12.99	507.32	532.76	527.39
Salinas-Seaside-Monterey	39.0	38.3	41.0	11.82	12.01	12.32	460.98	459.98	505.12
San Diego	41.3	39.8	39.6	12.19	12.44	12.44	503.45	495.11	492.62
San Francisco	40.2	40.0	40.4	13.06	13.32	13.20	525.01	532.80	533.28
San Jose	41.3	41.5	42.3	14.44	15.05	14.94	598.37	624.58	631.96
Santa Barbara-Santa Maria-Lompoc	40.8	40.4	40.5	12.25	12.46	12.52	499.80	503.38	507.06
Santa Rosa-Petaluma	38.9	39.4	40.2	11.98	12.68	12.57	466.02	499.59	505.31
Stockton	40.7	41.6	41.9	11.73	12.11	12.22	477.41	503.78	512.02
Vallejo-Fairfield-Napa	40.2	39.3	39.7	13.78	14.10	14.15	553.96	554.13	561.76
Colorado	40.5	40.9	41.9	11.24	11.37	11.42	455.22	465.03	478.50
Denver	41.1	41.8	42.7	12.63	12.67	12.56	519.09	529.61	536.31
Connecticut	42.2	42.1	42.5	12.15	12.50	12.61	512.73	526.25	535.93
Bridgeport-Milford	41.9	41.5	42.5	12.82	13.24	13.26	537.16	549.46	563.55
Hartford	43.1	42.1	42.4	13.16	13.36	13.58	567.20	562.46	575.79
New Britain	41.8	43.3	42.7	12.73	12.82	13.14	532.11	555.11	561.08
New Haven-Meriden	41.5	40.3	40.1	11.59	12.20	12.37	480.99	491.66	496.04
Stamford	41.4	42.0	44.0	11.82	11.94	11.15	489.35	501.48	490.60
Waterbury	42.6	43.2	43.9	11.31	11.75	11.74	481.81	507.60	515.39
Delaware	42.5	41.5	40.4	12.79	11.84	12.38	543.58	491.36	500.15
Wilmington	43.5	41.7	41.0	15.24	14.52	14.96	662.94	605.48	613.36
District of Columbia:									
Washington MSA	38.9	39.5	40.0	13.18	14.17	14.02	512.70	559.72	560.80
Florida	41.6	40.8	41.8	9.45	9.67	9.74	393.12	394.54	407.13
Fort Lauderdale-Hollywood-Pompano Beach	40.8	40.9	41.5	9.57	9.90	9.90	390.46	404.91	410.85
Jacksonville	41.8	41.3	42.2	10.00	10.37	10.38	418.00	428.28	438.04
Miami-Hialeah	39.7	39.4	39.4	7.77	8.23	8.19	306.47	324.26	322.69
Orlando	40.8	40.7	40.8	10.25	10.22	10.24	418.20	415.95	417.79
Pensacola	44.0	42.2	43.1	12.44	12.21	12.60	547.36	515.26	543.06
Tampa-St. Petersburg-Clearwater	42.1	42.1	41.9	9.59	9.97	9.90	403.74	419.74	414.81
West Palm Beach-Boca Raton-DeLray Beach	44.6	38.9	41.9	10.52	10.24	10.72	469.19	398.34	449.17
Georgia	41.3	41.8	42.0	9.66	9.91	9.92	398.96	414.24	416.64
Atlanta	40.7	41.9	41.1	11.02	11.28	11.24	448.51	472.63	461.96
Savannah	47.1	47.6	48.3	12.44	13.10	13.09	585.92	623.56	632.25
Hawaii	42.7	41.4	41.9	11.30	11.59	11.68	482.51	479.83	489.39
Honolulu	39.4	39.2	40.8	11.97	12.37	12.39	471.62	484.90	505.51
Idaho	39.4	39.3	38.9	11.01	11.29	11.25	433.79	443.70	437.63

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. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a
Illinois	41.6	40.9	40.9	\$11.72	\$11.87	\$11.89	\$487.55	\$485.48	\$486.30
Aurora-Elgin	41.8	41.2	41.3	11.08	11.82	11.83	463.14	486.98	488.58
Bloomington-Normal	39.9	40.5	40.9	13.55	14.68	14.83	540.65	594.54	606.55
Champaign-Urbana-Rantoul	40.4	40.4	40.5	10.36	10.77	10.71	418.54	435.11	433.76
Chicago	41.2	41.1	41.2	11.56	11.74	11.72	476.27	482.51	482.86
Davenport-Rock Island-Moline	40.4	41.0	40.9	13.97	14.14	14.11	564.39	579.74	577.10
Decatur	40.5	42.1	42.1	14.70	14.89	14.89	595.35	626.87	626.87
Joliet	40.1	41.5	41.8	13.41	13.49	13.45	537.74	559.84	562.21
Kankakee	40.6	40.2	40.0	11.89	12.13	12.16	482.73	487.63	486.40
Lake County	40.7	39.9	40.3	11.88	11.90	11.94	483.52	474.81	481.18
Peoria	39.5	42.0	42.3	13.98	14.60	14.74	552.21	613.20	623.50
Rockford	41.4	40.0	40.7	12.63	12.83	12.93	522.88	505.20	526.25
Springfield	38.2	39.7	40.3	11.38	11.33	11.25	434.72	449.80	453.38
Indiana	42.0	42.3	42.1	12.60	12.84	12.90	529.20	543.13	543.09
Anderson	43.3	39.8	39.4	17.20	17.63	17.68	744.76	701.67	696.59
Bloomington	40.6	41.4	45.5	11.84	11.97	12.62	480.70	495.56	574.21
Elkhart-Goshen	39.1	40.8	40.0	10.08	10.59	10.81	394.13	432.07	432.40
Evansville	43.1	42.2	42.6	12.81	12.83	12.71	552.11	541.43	541.45
Fort Wayne	42.1	40.7	40.9	13.23	13.31	13.41	556.98	541.72	548.47
Gary-Hammond	42.1	43.1	43.0	16.32	16.94	16.84	687.07	730.11	724.12
Indianapolis	42.8	43.4	43.2	13.41	13.52	13.63	573.95	586.77	588.82
Kokomo	40.4	38.4	39.4	17.46	17.31	17.27	705.38	664.70	680.44
Lafayette-West Lafayette	43.4	44.7	43.4	13.10	13.49	13.38	568.54	603.00	580.69
Muncie	44.5	44.3	43.5	13.79	13.75	13.80	613.66	609.13	600.30
South Bend-Mishawaka	41.3	41.6	41.3	11.70	11.72	11.82	483.21	487.55	488.17
Terre Haute	45.0	43.9	44.8	10.51	11.73	11.97	472.95	514.95	536.26
Iowa	41.1	41.6	42.1	11.80	11.92	12.08	484.98	495.87	508.57
Cedar Rapids	40.1	42.3	45.0	14.46	13.97	14.49	579.85	590.93	652.05
Des Moines	41.3	40.9	41.2	12.79	12.53	12.46	528.23	512.48	513.35
Dubuque	41.3	41.0	41.8	12.28	11.55	12.41	507.16	473.55	518.74
Sioux City	40.9	42.1	40.7	9.56	9.82	9.76	391.00	413.42	397.23
Kansas	40.6	41.0	41.4	11.50	11.72	11.86	466.90	480.52	491.00
Topeka	40.1	41.6	42.1	13.71	14.05	14.18	549.77	584.48	596.98
Wichita	41.5	41.6	41.5	13.30	13.96	13.94	551.95	580.74	578.51
Kentucky	40.8	40.7	40.6	11.22	11.38	11.34	457.78	463.17	460.40
Lexington-Fayette	42.2	41.9	41.6	12.10	12.39	12.18	510.62	519.14	506.69
Louisville	41.8	41.3	41.7	12.82	12.94	13.04	535.88	534.42	543.77
Louisiana	43.9	43.0	42.6	11.87	12.37	12.36	521.09	531.91	526.54
Baton Rouge	45.4	44.9	45.5	13.81	14.65	14.57	626.97	657.79	662.94
New Orleans	43.6	40.3	41.4	11.51	12.17	12.18	501.84	490.45	504.25
Shreveport	40.5	40.9	40.1	12.73	14.03	13.82	515.57	573.83	554.18
Maine	40.4	40.7	40.4	11.22	11.31	11.43	453.29	460.32	461.77
Lewiston-Auburn	41.7	41.7	41.2	9.41	9.39	9.58	392.40	391.56	394.70
Portland	38.4	38.2	38.0	10.30	10.40	10.56	395.52	397.28	401.28
Maryland	40.9	41.0	41.3	12.18	12.66	12.75	498.16	519.06	526.58
Baltimore MSA	41.4	41.1	41.4	12.80	13.19	13.39	529.92	542.11	554.35
Massachusetts	41.1	41.4	41.8	12.02	12.15	12.16	494.02	503.01	508.29
Boston	40.7	40.5	40.8	12.77	13.09	13.20	519.74	530.15	538.56
Springfield	41.3	41.4	40.9	11.52	11.59	11.61	475.78	479.83	474.85
Worcester	41.4	41.5	41.5	11.40	11.42	11.38	471.96	473.93	472.27
Michigan	40.9	41.8	42.0	14.71	14.86	14.81	601.64	621.15	622.02
Ann Arbor	40.5	42.3	42.6	16.21	16.04	16.10	656.50	678.49	685.86
Battle Creek	42.6	42.1	43.8	15.54	15.25	15.63	662.00	642.02	684.59
Detroit	41.3	42.6	42.7	15.52	16.13	16.08	640.98	687.14	685.76
Flint	42.2	40.0	40.2	18.78	18.61	18.48	792.52	744.40	742.90
Grand Rapids	39.3	41.2	41.3	12.46	12.41	12.30	489.68	511.29	507.99
Jackson	40.9	43.2	44.7	10.73	10.94	10.93	438.86	472.61	488.57
Kalamazoo	41.9	42.1	42.5	15.05	14.79	14.64	630.59	622.66	622.20
Lansing-East Lansing	40.6	41.7	41.9	17.53	16.82	16.86	711.72	701.39	706.43
Muskegon	38.1	40.8	41.0	12.17	12.14	12.14	463.68	495.31	497.74
Saginaw-Bay City-Midland	41.8	41.8	41.8	16.73	16.63	16.81	699.31	691.81	702.66

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. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a
Minnesota	40.7	41.2	41.2	\$11.69	\$11.96	\$12.03	\$475.78	\$492.75	\$495.64
Duluth	39.4	41.8	42.1	11.56	14.87	14.12	455.46	621.57	594.45
Minneapolis-St. Paul	40.8	41.3	41.3	12.43	12.79	12.83	507.14	528.23	529.88
St. Cloud	40.2	39.6	37.9	10.36	10.60	10.57	416.47	419.76	400.60
Mississippi	40.5	40.7	40.9	8.81	8.96	9.02	356.81	364.67	368.92
Jackson	40.8	39.6	41.2	9.54	9.50	9.56	389.23	376.20	393.87
Missouri	40.9	40.4	40.6	10.96	11.33	11.36	448.26	457.73	461.22
Kansas City	40.4	41.2	40.9	12.66	13.11	13.43	511.46	540.13	549.29
St. Louis	42.5	42.1	41.9	13.20	13.80	13.83	561.00	580.98	579.48
Springfield	41.0	39.7	39.8	9.77	10.11	9.96	400.57	401.37	396.41
Montana	38.7	39.3	38.4	11.77	11.99	12.13	455.50	471.21	465.79
Nebraska	41.3	42.1	41.8	10.11	10.36	10.33	417.54	436.16	431.79
Lincoln	40.0	42.6	41.9	11.21	11.64	11.58	448.40	495.86	485.20
Omaha	41.2	43.3	42.4	10.89	11.00	10.87	448.67	476.30	460.89
Nevada	41.6	40.9	40.8	11.06	11.54	11.56	460.10	471.99	471.65
Las Vegas	40.3	41.1	41.3	12.52	12.84	13.11	504.56	527.72	541.44
New Hampshire	41.5	41.4	41.0	11.06	11.56	11.49	458.99	479.41	471.09
Manchester	41.4	42.8	42.8	11.22	11.42	11.36	464.51	488.78	486.21
Nashua	40.9	41.0	41.7	13.65	14.63	13.85	558.29	599.83	577.55
Portsmouth-Dover-Rochester	41.6	42.4	42.3	10.56	11.05	11.05	440.13	468.52	467.42
New Jersey	42.1	41.7	42.0	12.41	12.68	12.77	522.46	528.76	536.34
New Mexico	40.3	40.6	39.6	9.47	9.48	9.74	381.64	384.89	385.70
Albuquerque	40.4	40.6	39.8	9.88	10.10	10.10	399.15	410.06	401.98
New York	40.7	40.4	40.6	11.60	11.79	11.78	472.12	476.32	478.27
Albany-Schenectady-Troy	41.6	41.5	41.9	12.64	13.29	13.35	525.82	551.54	559.37
Binghamton	40.5	39.8	40.2	9.52	9.76	9.81	385.56	388.45	394.36
Buffalo	43.4	42.1	42.2	13.61	14.14	14.25	590.67	595.29	601.35
Elmira	41.7	40.1	41.7	10.65	11.04	11.12	444.11	442.70	463.70
Nassau-Suffolk	39.3	40.5	41.2	11.98	11.59	11.51	470.81	469.40	474.21
New York PMSA	38.4	36.4	38.3	10.82	10.47	10.44	407.81	402.05	399.85
New York City	38.1	38.2	38.1	10.39	10.25	10.18	395.86	391.55	387.86
Niagara Falls	42.3	41.2	41.5	14.95	15.11	15.05	632.39	622.53	624.58
Orange County	41.4	40.0	39.9	10.17	10.50	10.51	421.04	420.00	419.35
Poughkeepsie	40.9	40.6	40.6	11.41	11.06	10.87	466.87	449.04	441.32
Rochester	43.3	41.7	41.7	13.70	13.70	13.61	593.21	571.29	575.88
Rockland County	40.1	40.5	41.3	10.80	11.60	11.69	433.06	468.80	482.80
Syracuse	41.3	40.7	41.5	12.85	13.34	13.36	530.71	542.94	555.27
Utica-Rome	40.9	39.9	41.1	10.83	11.03	11.07	442.95	440.10	454.98
Westchester County	40.6	39.9	39.2	12.30	11.73	11.93	499.38	468.03	467.66
North Carolina	41.0	41.1	41.4	9.31	9.58	9.63	381.71	393.74	398.68
Asheville	41.5	41.7	41.3	9.27	9.62	9.59	384.71	401.15	396.07
Charlotte-Gastonia-Rock Hill	40.7	41.0	41.3	10.01	10.12	10.15	407.41	414.92	419.20
Greensboro-Winston-Salem-High Point	40.3	40.4	40.9	10.00	10.23	10.38	403.00	413.29	424.54
Raleigh-Durham	41.7	41.4	41.7	10.24	10.54	10.59	427.01	436.36	441.60
North Dakota	40.0	42.0	40.0	9.59	9.44	9.65	383.60	396.48	386.00
Fargo-Moorhead	39.7	38.5	39.4	9.26	8.88	9.06	367.62	341.88	356.96
Ohio	43.1	42.4	42.8	13.37	13.59	13.67	576.25	576.22	585.08
Akron	43.2	42.1	42.2	12.29	12.45	12.50	530.93	524.15	527.50
Canton	42.0	41.3	41.0	11.47	12.16	12.14	481.74	502.21	497.74
Cincinnati	44.2	42.2	42.4	12.92	12.94	12.99	571.06	546.07	550.78
Cleveland	42.7	42.0	42.8	12.75	12.94	13.06	544.43	543.48	558.97
Columbus	43.1	42.1	42.6	13.15	13.39	13.45	566.77	563.72	572.97
Dayton-Springfield	44.2	41.8	42.5	14.66	14.60	14.67	848.86	610.28	623.48
Toledo	42.4	42.6	43.0	14.16	14.75	14.88	600.38	628.35	639.84
Youngstown-Warren	44.3	42.3	42.6	15.98	15.96	15.98	707.91	675.11	680.75

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. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a
Oklahoma	41.5	41.8	41.9	\$11.39	\$11.22	\$11.18	\$472.69	\$469.00	\$468.44
Oklahoma City	42.7	44.0	44.2	12.27	11.85	11.27	523.93	521.40	498.13
Tulsa	42.7	41.8	42.4	11.99	11.92	12.04	511.97	498.26	510.50
Oregon	39.2	39.7	39.7	11.67	11.99	12.15	457.46	476.00	482.36
Eugene-Springfield	38.6	38.9	38.9	11.34	12.34	12.25	437.72	480.03	476.53
Medford	39.2	39.8	39.7	11.26	11.47	11.61	441.39	456.51	460.92
Portland	40.0	40.3	40.6	11.97	12.42	12.46	478.80	500.53	505.88
Salem	37.0	37.8	35.6	10.00	9.63	10.38	370.00	364.01	369.53
Pennsylvania	41.1	41.2	41.7	11.60	11.96	12.02	476.76	492.75	501.23
Allentown-Bethlehem	39.9	40.4	40.5	11.65	12.00	12.06	464.84	484.80	488.43
Altoona	39.8	40.5	40.2	9.78	10.06	10.18	389.24	407.43	409.24
Beaver County	45.7	46.1	46.7	11.65	11.94	12.01	532.41	550.43	560.87
Erie	43.3	43.8	44.4	12.13	12.64	12.70	525.23	553.63	563.88
Harrisburg-Lebanon-Carlisle	40.2	40.5	40.7	10.93	11.29	11.46	439.39	457.25	466.42
Johnstown	39.4	38.8	39.7	9.01	9.04	9.07	354.99	350.75	360.08
Lancaster	40.2	41.5	42.1	11.44	11.75	11.72	459.89	487.63	493.41
Philadelphia PMSA	40.8	40.5	41.1	12.65	13.18	13.20	516.12	533.79	542.52
Pittsburgh	42.1	42.3	42.8	12.15	12.53	12.58	511.52	530.02	538.42
Reading	41.6	41.3	42.3	12.16	12.40	12.38	505.86	512.12	523.67
Scranton-Wilkes-Barre	40.0	39.9	40.2	10.24	10.57	10.64	409.60	421.74	427.73
Sharon	44.3	41.6	43.2	12.59	12.30	11.80	557.74	511.68	509.76
State College	38.3	39.1	38.6	10.40	10.95	10.90	398.32	428.15	420.74
Williamsport	40.3	41.2	41.3	10.62	10.39	10.48	427.99	428.07	432.82
York	42.2	42.5	42.9	11.38	11.65	11.84	480.24	495.13	507.94
Rhode Island	40.4	40.6	40.9	9.75	10.10	10.19	393.90	410.06	416.77
Pawtucket-Woonsocket-Attleboro	40.4	40.7	41.1	9.34	9.65	9.90	377.34	392.76	406.89
Providence	41.1	40.8	41.2	9.97	10.42	10.48	409.77	425.14	431.78
South Carolina	41.8	42.0	42.3	9.31	9.60	9.64	389.16	403.20	407.77
Charleston	41.3	42.2	42.1	9.52	9.81	9.77	393.18	413.98	411.32
Columbia	42.1	42.1	42.4	9.81	10.13	10.13	413.00	426.47	429.51
Greenville-Spartanburg	42.0	42.1	42.2	9.47	9.70	9.71	397.74	408.37	409.76
South Dakota	42.5	41.5	42.1	8.74	8.71	8.73	371.45	361.47	367.53
Rapid City	41.4	43.4	44.8	9.34	8.77	8.80	386.68	380.62	394.24
Sioux Falls	45.1	40.6	40.9	8.96	9.50	9.35	404.10	385.70	382.42
Tennessee	40.4	40.7	40.9	9.99	10.48	10.52	403.60	426.54	430.27
Chattanooga	41.2	41.9	41.7	9.26	9.61	9.52	381.51	402.66	396.98
Johnson City-Kingsport-Bristol	40.2	38.7	38.8	10.65	10.30	10.32	428.13	398.61	400.42
Knoxville	40.8	40.2	40.7	9.91	10.09	10.20	404.33	405.62	415.14
Memphis	41.2	39.8	39.9	10.48	10.57	10.58	431.78	420.69	422.14
Nashville	41.7	40.9	41.1	11.11	11.39	11.40	463.29	465.85	468.54
Texas	42.8	43.2	43.4	10.94	11.09	11.10	468.23	479.09	481.74
Dallas	42.1	44.0	44.2	10.69	10.55	10.51	450.05	464.20	464.54
Ft. Worth-Arlington	42.1	41.6	42.3	11.89	12.02	12.05	500.57	500.03	509.72
Houston	44.1	44.7	45.0	12.60	13.27	13.24	555.66	593.17	595.80
San Antonio	41.0	41.6	42.3	8.19	8.38	8.41	335.79	348.61	355.74
Utah	40.5	39.6	41.1	10.91	10.91	11.11	441.86	432.04	456.62
Salt Lake City-Ogden	40.8	40.1	41.0	11.10	11.36	11.57	452.88	455.54	474.37
Vermont	41.2	40.9	41.1	11.52	11.97	11.99	474.62	489.57	492.79
Burlington	40.8	42.2	41.6	12.68	12.77	12.81	517.34	538.89	532.90
Virginia	41.3	41.4	41.5	10.52	10.76	10.88	434.48	445.46	451.52
Bristol	39.6	37.9	38.5	8.96	9.21	9.28	354.82	349.06	357.28
Charlottesville	41.0	38.7	39.7	9.39	9.76	9.64	384.99	377.71	382.71
Danville	43.3	42.2	42.9	10.07	10.42	10.59	436.03	439.72	454.31
Lynchburg	41.0	42.4	42.1	10.18	10.71	10.73	417.38	454.10	451.73
Northern Virginia	40.0	41.1	41.2	11.97	13.35	13.33	478.80	548.69	549.20
Richmond-Petersburg	41.3	42.3	42.1	13.74	13.87	13.69	567.46	578.24	576.35
Roanoke	42.2	41.9	42.8	12.75	12.46	12.49	538.05	522.07	534.57
Washington	40.1	40.4	40.3	13.46	13.67	13.76	539.75	552.27	554.53

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. 1991	Oct. 1992	Nov. 1992 ¹	Nov. 1991	Oct. 1992	Nov. 1992 ¹	Nov. 1991	Oct. 1992	Nov. 1992 ¹
West Virginia	41.2	40.2	40.5	\$12.02	\$12.13	\$12.20	\$495.22	\$487.63	\$494.10
Charleston	44.3	43.3	43.6	14.20	14.94	14.77	629.06	646.90	643.97
Huntington-Ashland	41.6	40.6	40.9	14.61	13.67	14.26	616.10	555.00	583.23
Parkersburg-Marietta	42.0	41.3	41.3	14.34	14.57	14.62	602.28	601.74	603.81
Wheeling	43.4	39.3	41.4	14.46	14.49	14.31	627.56	569.46	592.43
Wisconsin	42.2	42.1	42.5	11.75	11.86	12.00	495.85	499.31	510.00
Appleton-Oshkosh	43.6	43.2	43.2	12.42	12.66	13.11	541.51	546.91	566.35
Eau Claire	46.1	41.3	40.7	12.67	12.10	12.30	584.09	499.73	500.61
Green Bay	43.9	43.2	43.4	12.82	12.12	12.55	562.80	523.58	544.67
Janesville-Beloit	45.4	44.6	44.2	15.48	15.20	15.50	702.79	677.92	665.10
Kenosha	41.3	40.2	41.1	12.13	12.48	12.50	500.97	501.70	513.75
La Crosse	42.6	40.0	40.4	10.56	9.96	10.10	449.86	398.40	408.04
Madison	40.2	42.0	42.4	11.07	10.91	10.99	445.01	458.22	465.98
Milwaukee	42.2	41.9	42.5	12.64	12.92	12.97	533.41	541.35	551.23
Racine	41.6	40.4	41.4	12.33	12.69	12.03	512.93	512.68	498.04
Sheboygan	42.8	41.5	39.7	11.58	11.97	11.93	495.62	496.76	473.62
Wausau	42.8	42.0	41.8	11.31	11.33	11.44	484.07	475.86	478.19
Wyoming	40.0	38.8	38.8	11.59	10.76	11.13	463.60	417.49	431.64
Puerto Rico	38.9	39.2	39.6	6.41	6.66	6.75	249.34	261.07	267.30
Virgin Islands	41.4	41.4	43.3	13.16	13.70	14.09	544.82	567.18	610.10

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 1991 benchmarks.

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

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

Industry	Millions of hours (annual rate) ¹			Percent change		
	Oct. 1992 ^r	Nov. 1992 ^r	Dec. 1992 ^p	Dec. 1991 to Dec. 1992 ^p	Oct. 1992 to Nov. 1992 ^r	Nov. 1992 to Dec. 1992 ^p
Total	200,268	201,490	200,301	0.1	0.6	-0.6
Private sector	163,293	164,277	162,762	-3	.6	-9
Mining	1,426	1,437	1,410	-6.9	.8	-1.9
Construction	9,068	8,963	8,977	-2.1	-1.2	.2
Manufacturing	38,415	38,572	38,615	-.9	.4	.1
Durable goods	21,963	22,076	22,086	-1.5	.5	.0
Nondurable goods	16,451	16,496	16,530	-.2	.3	.2
Transportation and public utilities	11,651	11,771	11,692	1.0	1.0	-.7
Wholesale trade	11,826	11,960	11,791	-1.4	1.1	-1.4
Retail trade	28,773	28,741	28,266	-.9	-.1	-1.7
Finance, insurance, and real estate	12,432	12,646	12,342	-1.5	1.7	-2.4
Services	49,704	50,186	49,669	1.5	1.0	-1.0
Government	36,975	37,213	37,538	1.6	.6	.9

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

^p = preliminary.

^r = revised.

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

nonsupervisory workers, and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods*, BLS Bulletin 2285, chapter 10, Productivity Measures: Business Sector and Major Subsectors.

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

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

(1982=100)

Item	Annual average		Quarterly index										
	1990	1991	1990				1991				1992		
			I	II	III	IV	I	II	III	IV	I	II	III
Business sector													
Output per hour of all persons	109.7	110.1	109.4	110.2	109.8	109.7	109.3	109.8	110.3	111.2	112.3	112.5	113.5
Output	132.7	129.8	133.1	133.7	132.5	131.3	129.2	129.5	130.0	130.6	131.4	131.9	133.1
Hours	120.9	117.9	121.7	121.4	120.7	119.8	118.1	117.9	117.8	117.5	117.0	117.2	117.2
Compensation per hour	139.7	146.6	136.2	138.9	141.0	142.9	144.1	146.1	147.5	148.8	150.2	151.0	152.4
Real compensation per hour	103.2	103.9	102.6	103.6	103.4	103.0	103.1	103.9	104.2	104.2	104.5	104.1	104.4
Unit labor costs	127.3	133.1	124.5	126.0	128.4	130.3	131.8	133.1	133.7	133.8	133.8	134.1	134.3
Unit nonlabor payments	139.3	142.5	138.6	140.0	139.1	139.5	141.2	141.8	142.8	144.3	147.0	148.9	148.1
Implicit price deflator	131.2	136.2	129.1	130.6	131.9	133.3	134.9	136.0	136.7	137.3	138.2	139.0	138.8
Nonfarm business sector													
Output per hour of all persons	108.2	108.7	107.9	108.6	108.1	108.1	107.9	108.4	108.9	109.6	110.6	111.1	111.9
Output	132.9	130.0	133.5	134.0	132.7	131.5	129.4	129.7	130.2	130.7	131.5	132.0	133.2
Hours	122.9	119.6	123.7	123.4	122.8	121.6	119.9	119.7	119.6	119.3	118.9	118.9	119.1
Compensation per hour	138.4	145.4	134.9	137.5	139.6	141.6	143.0	145.0	146.4	147.5	148.9	149.8	151.1
Real compensation per hour	102.2	103.0	101.6	102.5	102.4	102.1	102.3	103.1	103.4	103.3	103.5	103.3	103.5
Unit labor costs	127.9	133.8	125.0	126.6	129.1	131.0	132.5	133.8	134.4	134.6	134.6	134.9	135.1
Unit nonlabor payments	139.9	143.7	139.0	140.4	139.6	140.6	142.5	142.6	144.0	145.9	148.4	150.6	149.6
Implicit price deflator	131.8	137.0	129.6	131.1	132.5	134.1	135.7	136.6	137.5	138.3	139.1	139.9	139.8
Manufacturing													
Output per hour of all persons	125.7	128.1	123.6	124.8	127.2	127.0	126.1	127.5	129.4	129.7	129.4	131.0	132.5
Output	135.0	131.9	134.1	135.4	136.6	133.9	130.3	131.0	133.2	133.3	132.6	134.4	134.8
Hours	107.4	103.0	108.5	108.5	107.4	105.4	103.3	102.8	103.0	102.8	102.5	102.6	101.8
Compensation per hour	133.8	140.6	130.6	133.0	134.6	136.8	138.5	140.2	141.3	142.8	142.0	143.1	144.2
Real compensation per hour	98.8	99.6	98.4	99.2	98.7	98.6	99.1	99.7	99.8	100.0	98.7	98.7	98.8
Unit labor costs	106.4	109.8	105.7	106.6	105.8	107.7	109.9	110.0	109.2	110.1	109.8	109.2	108.8
Durable goods													
Output per hour of all persons	135.4	137.5	131.9	134.5	137.9	136.8	135.4	136.8	138.8	139.2	138.0	140.9	142.6
Output	144.7	138.9	143.2	145.7	147.3	142.6	137.6	138.3	140.2	139.7	138.2	140.6	141.0
Hours	106.9	101.1	108.5	108.3	106.8	104.2	101.6	101.1	101.0	100.3	100.2	99.8	98.8
Compensation per hour	131.9	138.5	128.6	131.0	132.6	134.9	136.5	137.9	139.0	140.9	139.3	140.4	141.5
Real compensation per hour	97.4	98.1	96.9	97.7	97.2	97.3	97.6	98.1	98.2	98.7	96.8	96.8	96.9
Unit labor costs	97.4	100.8	97.5	97.4	96.2	98.6	100.8	100.9	100.1	101.3	100.9	99.7	99.2
Nondurable goods													
Output per hour of all persons	114.1	116.8	113.6	113.2	114.4	115.2	114.8	116.2	118.0	118.2	118.9	119.2	120.3
Output	123.4	123.5	123.3	123.1	123.7	123.5	121.4	122.1	124.9	125.6	125.7	126.9	127.5
Hours	108.1	105.8	108.5	108.8	108.2	107.2	105.7	105.1	105.9	106.3	105.8	106.5	105.9
Compensation per hour	137.3	144.9	134.1	136.4	138.1	140.4	142.6	144.5	145.7	146.8	147.2	148.5	149.8
Real compensation per hour	101.4	102.6	101.0	101.8	101.3	101.3	102.0	102.7	102.9	102.8	102.4	102.4	102.6
Unit labor costs	120.3	124.1	118.0	120.6	120.8	121.9	124.2	124.3	123.5	124.2	123.9	124.6	124.5
Nonfinancial corporations													
Output per all-employee hour	111.9	113.9	111.1	112.3	111.9	112.6	113.0	113.6	114.2	115.3	116.0	116.7	118.2
Output	136.9	134.8	137.0	138.1	136.8	135.8	134.1	134.3	134.9	136.0	136.8	137.9	139.3
Hours	122.3	118.3	123.4	123.0	122.2	120.6	118.7	118.2	118.1	117.9	117.9	118.2	117.8
Compensation per hour	136.4	143.1	133.0	135.6	137.6	139.6	140.8	142.7	144.0	145.2	145.9	146.6	147.8
Real compensation per hour	100.7	101.4	100.2	101.1	100.9	100.7	100.7	101.5	101.7	101.7	101.4	101.1	101.2
Total unit costs	120.4	124.7	118.4	119.1	121.4	122.7	123.9	124.7	125.3	125.0	124.6	124.4	124.4
Unit labor costs	121.9	125.6	119.8	120.8	123.0	124.0	124.6	125.7	126.2	125.9	125.7	125.6	125.0
Unit nonlabor costs	116.7	122.6	115.2	114.9	117.4	119.5	122.2	122.1	123.1	122.8	121.7	121.4	123.0
Unit profits	162.7	152.9	166.9	176.7	157.2	149.7	151.3	154.5	150.7	155.2	167.7	179.6	180.6
Implicit price deflator	123.0	126.5	121.4	122.7	123.6	124.4	125.6	126.5	126.9	126.9	127.3	127.8	127.9

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 rates¹

Item	Percent change from											
	Previous quarter						Same quarter, previous year					
	II 1991	III 1991	IV 1991	I 1992	II 1992	III 1992	II 1991	III 1991	IV 1991	I 1992	II 1992	III 1992
Business sector												
Output per hour of all persons	1.6	1.9	3.3	3.9	1.0	3.4	-0.4	0.5	1.4	2.7	2.5	2.9
Output .....	.9	1.6	2.0	2.3	1.6	3.6	-3.2	-1.9	-5	1.7	1.9	2.4
Hours	-7	-3	-1.3	-1.5	.6	.2	-2.8	-2.4	-1.9	-1.0	-6	-5
Compensation per hour	5.6	3.9	3.5	4.0	1.9	3.9	5.2	4.6	4.1	4.2	3.3	3.3
Real compensation per hour	3.0	1.1	.0	1.1	-1.4	1.3	.3	.8	1.1	1.3	.2	.2
Unit labor costs	3.9	1.9	.2	.1	.9	.5	5.6	4.1	2.7	1.5	.8	.4
Unit nonlabor payments	1.7	3.0	4.1	7.7	5.3	-2.1	1.3	2.7	3.4	4.1	5.0	3.7
Implicit price deflator	3.2	2.3	1.6	2.6	2.4	-4	4.1	3.6	3.0	2.4	2.2	1.5
Nonfarm business sector												
Output per hour of all persons	1.7	1.9	2.5	3.7	1.7	3.0	-2	.7	1.3	2.5	2.4	2.7
Output .....	.9	1.5	1.6	2.3	1.7	3.5	-3.2	-1.9	-6	1.6	1.8	2.3
Hours	-8	-3	-9	-1.3	.1	.6	-3.0	-2.6	-1.9	-9	-6	-4
Compensation per hour	5.8	3.9	3.1	3.8	2.4	3.5	5.5	4.9	4.2	4.1	3.3	3.2
Real compensation per hour	3.2	1.2	-.4	.9	-.9	.9	.6	1.0	1.1	1.2	.2	.1
Unit labor costs	4.0	2.0	.6	.1	.8	.6	5.6	4.1	2.8	1.7	.8	.5
Unit nonlabor payments .....	.1	4.1	5.4	7.1	5.8	-2.5	1.6	3.2	3.7	4.2	5.6	3.9
Implicit price deflator	2.7	2.7	2.2	2.4	2.5	-.5	4.2	3.8	3.1	2.5	2.5	1.6
Manufacturing												
Output per hour of all persons	4.5	6.2	1.0	-1.0	5.3	4.6	2.1	1.7	2.1	2.6	2.8	2.4
Output	2.2	7.1	.2	-2.2	5.6	1.4	-3.3	-2.5	-5	1.8	2.6	1.2
Hours	-2.2	.8	-.8	-1.1	.3	-3.1	-5.3	-4.1	-2.5	-.8	-.2	-1.2
Compensation per hour	4.8	3.1	4.5	-2.3	3.2	3.2	5.4	5.0	4.4	2.5	2.1	2.1
Real compensation per hour	2.3	.4	.9	-5.0	-.2	.6	.5	1.1	1.4	-.4	-1.0	-1.0
Unit labor costs .....	.3	-3.0	3.5	-1.3	-2.0	-1.4	3.2	3.2	2.2	-.1	-.7	-.3
Durable goods												
Output per hour of all persons	4.2	6.3	1.0	-3.4	8.7	5.0	1.6	.7	1.7	1.9	3.0	2.7
Output	2.2	5.5	-1.5	-4.0	6.9	1.1	-5.1	-4.8	-2.1	.5	1.6	.6
Hours	-2.0	-.7	-2.4	-.7	-1.6	-3.7	-6.6	-5.5	-3.7	-1.4	-1.4	-2.1
Compensation per hour	4.5	3.1	5.7	-4.6	3.3	3.0	5.3	4.8	4.5	2.1	1.8	1.8
Real compensation per hour	1.9	.4	2.1	-7.2	-.1	.4	.4	1.0	1.5	-.8	-1.3	-1.3
Unit labor costs .....	.2	-3.0	4.7	-1.2	-4.9	-1.9	3.6	4.1	2.7	.1	-1.2	-.9
Nondurable goods												
Output per hour of all persons	5.0	6.1	.9	2.2	.9	4.0	2.7	3.1	2.6	3.5	2.5	2.0
Output	2.3	9.3	2.5	.4	3.8	1.7	-.8	.9	1.8	3.6	3.9	2.1
Hours	-2.6	3.0	1.5	-1.8	2.8	-2.2	-3.4	-2.1	-.9	.0	1.4	.1
Compensation per hour	5.4	3.4	3.0	1.2	3.4	3.6	5.9	5.5	4.5	3.2	2.7	2.8
Real compensation per hour	2.9	.7	-.6	-1.6	.0	1.0	1.0	1.6	1.5	.3	-.4	-.3
Unit labor costs .....	.4	-2.6	2.1	-1.0	2.5	-.4	3.1	2.3	1.8	-.3	.2	.8
Nonfinancial corporations												
Output per all-employee hour	2.1	2.1	4.2	2.3	2.5	5.2	1.2	2.0	2.5	2.7	2.8	3.5
Output .....	.6	1.8	3.4	2.3	3.4	4.0	-2.7	-1.4	.2	2.0	2.7	3.3
Hours	-1.5	-.3	-.7	.0	.9	-1.1	-3.9	-3.4	-2.2	-.6	.0	-.2
Compensation per hour	5.6	3.7	3.3	1.8	2.0	3.2	5.3	4.7	4.0	3.6	2.7	2.6
Real compensation per hour	3.0	1.0	-.2	-1.0	-1.3	.6	.4	.8	1.0	.7	-.4	-.5
Total unit costs	2.4	2.0	-.9	-1.4	-.6	.0	4.7	3.2	1.9	.5	-.2	-.7
Unit labor costs	3.4	1.5	-.8	-.5	-.4	-1.9	4.1	2.6	1.5	.9	-.1	-.9
Unit nonlabor costs	-.3	3.3	-1.0	-3.5	-.9	5.2	6.3	4.9	2.8	-.4	-.6	-.1
Unit profits	8.7	-9.7	12.6	36.3	31.5	2.3	-12.6	-4.2	3.7	10.8	16.2	19.9
Implicit price deflator	2.8	1.1	.1	1.2	1.8	.2	3.1	2.6	2.0	1.3	1.0	.8

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	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
NORTHEAST													
Civilian noninstitutional population ²	39,449	39,456	39,457	39,460	39,467	39,471	39,477	39,486	39,498	39,505	39,518	39,533	39,547
Civilian labor force	25,545	25,505	25,573	25,586	25,540	25,550	25,547	25,529	25,621	25,570	25,549	25,743	25,773
Employed	23,545	23,573	23,527	23,645	23,527	23,513	23,366	23,341	23,484	23,409	23,484	23,677	23,694
Unemployed	2,000	1,932	2,046	1,941	2,014	2,037	2,181	2,187	2,137	2,161	2,065	2,066	2,080
Unemployment rate	7.8	7.6	8.0	7.6	7.9	8.0	8.5	8.6	8.3	8.5	8.1	8.0	8.1
New England													
Civilian noninstitutional population ²	10,189	10,192	10,195	10,197	10,201	10,203	10,206	10,211	10,216	10,220	10,224	10,231	10,236
Civilian labor force	7,118	7,068	7,082	7,009	7,007	7,016	6,981	7,060	7,081	7,044	7,069	7,176	7,139
Employed	6,508	6,540	6,550	6,469	6,427	6,482	6,410	6,523	6,533	6,463	6,511	6,569	6,537
Unemployed	610	527	532	541	580	534	571	538	548	581	559	607	602
Unemployment rate	8.6	7.5	7.5	7.7	8.3	7.6	8.2	7.6	7.7	8.3	7.9	8.5	8.4
Middle Atlantic													
Civilian noninstitutional population ²	29,260	29,263	29,263	29,263	29,266	29,268	29,270	29,276	29,281	29,285	29,294	29,302	29,312
Civilian labor force	18,427	18,437	18,491	18,576	18,533	18,533	18,566	18,469	18,540	18,526	18,480	18,566	18,634
Employed	17,037	17,032	16,976	17,176	17,099	17,031	16,956	16,819	16,952	16,946	16,974	17,108	17,157
Unemployed	1,390	1,405	1,514	1,400	1,434	1,503	1,610	1,650	1,589	1,580	1,506	1,459	1,477
Unemployment rate	7.5	7.6	8.2	7.5	7.7	8.1	8.7	8.9	8.6	8.5	8.2	7.9	7.9
SOUTH													
Civilian noninstitutional population ²	65,406	65,470	65,524	65,580	65,641	65,701	65,762	65,831	65,898	65,962	66,036	66,108	66,186
Civilian labor force	42,510	42,839	42,860	42,951	43,100	43,090	43,448	43,288	43,174	43,121	43,064	43,133	43,249
Employed	39,627	39,679	39,664	39,723	40,063	40,033	40,202	40,108	40,029	40,033	40,072	40,190	40,339
Unemployed	2,883	3,160	3,196	3,227	3,038	3,058	3,246	3,180	3,145	3,088	2,992	2,943	2,910
Unemployment rate	6.8	7.4	7.5	7.5	7.0	7.1	7.5	7.3	7.3	7.2	6.9	6.8	6.7
South Atlantic													
Civilian noninstitutional population ²	33,792	33,835	33,872	33,913	33,954	33,994	34,038	34,083	34,126	34,170	34,220	34,265	34,317
Civilian labor force	22,243	22,244	22,304	22,291	22,458	22,404	22,551	22,569	22,463	22,460	22,428	22,470	22,586
Employed	20,779	20,623	20,584	20,559	20,887	20,840	20,966	20,919	20,780	20,858	20,895	20,941	21,187
Unemployed	1,464	1,621	1,721	1,732	1,571	1,564	1,585	1,650	1,683	1,602	1,533	1,528	1,399
Unemployment rate	6.6	7.3	7.7	7.8	7.0	7.0	7.0	7.3	7.5	7.1	6.8	6.8	6.2
East South Central													
Civilian noninstitutional population ²	11,672	11,679	11,684	11,687	11,693	11,699	11,703	11,711	11,718	11,724	11,731	11,740	11,748
Civilian labor force	7,097	7,215	7,164	7,204	7,193	7,246	7,402	7,388	7,383	7,362	7,336	7,387	7,384
Employed	6,577	6,692	6,658	6,698	6,712	6,713	6,845	6,850	6,865	6,882	6,841	6,898	6,865
Unemployed	520	523	506	506	481	533	557	538	518	479	495	489	519
Unemployment rate	7.3	7.2	7.1	7.0	6.7	7.4	7.5	7.3	7.0	6.5	6.8	6.6	7.0
West South Central													
Civilian noninstitutional population ²	19,942	19,956	19,968	19,980	19,994	20,008	20,021	20,038	20,053	20,068	20,085	20,103	20,122
Civilian labor force	13,170	13,380	13,392	13,456	13,449	13,440	13,495	13,331	13,328	13,299	13,300	13,277	13,279
Employed	12,271	12,365	12,423	12,466	12,464	12,479	12,391	12,339	12,384	12,293	12,336	12,351	12,287
Unemployed	899	1,016	969	989	985	961	1,104	992	944	1,006	964	926	992
Unemployment rate	6.8	7.6	7.2	7.4	7.3	7.1	8.2	7.4	7.1	7.6	7.2	7.0	7.5

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	1991	1992											
	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MIDWEST													
Civilian noninstitutional population ²	45,785	45,804	45,813	45,829	45,846	45,858	45,877	45,895	45,917	45,936	45,962	45,987	46,014
Civilian labor force	30,894	31,195	31,225	31,247	31,159	31,335	31,292	31,496	31,445	31,409	31,154	31,155	31,351
Employed	28,846	29,144	29,162	29,187	29,069	29,138	29,069	29,321	29,439	29,372	29,288	29,314	29,429
Unemployed	2,048	2,051	2,063	2,060	2,090	2,197	2,224	2,175	2,005	2,037	1,866	1,842	1,922
Unemployment rate	6.6	6.6	6.6	6.6	6.7	7.0	7.1	6.9	6.4	6.5	6.0	5.9	6.1
East North Central													
Civilian noninstitutional population ²	32,287	32,300	32,307	32,319	32,331	32,340	32,353	32,367	32,383	32,397	32,415	32,433	32,453
Civilian labor force	21,375	21,596	21,647	21,722	21,574	21,826	21,878	21,923	21,887	21,859	21,618	21,597	21,761
Employed	19,773	20,026	19,995	20,128	19,977	20,164	20,149	20,189	20,328	20,265	20,186	20,179	20,292
Unemployed	1,602	1,570	1,652	1,594	1,598	1,661	1,729	1,733	1,559	1,594	1,432	1,418	1,468
Unemployment rate	7.5	7.3	7.6	7.3	7.4	7.6	7.9	7.9	7.1	7.3	6.6	6.6	6.7
West North Central													
Civilian noninstitutional population ²	13,498	13,503	13,506	13,510	13,515	13,518	13,523	13,529	13,533	13,539	13,547	13,554	13,562
Civilian labor force	9,519	9,599	9,578	9,525	9,585	9,509	9,415	9,573	9,557	9,551	9,536	9,558	9,590
Employed	9,073	9,118	9,167	9,059	9,093	8,974	8,920	9,132	9,112	9,107	9,102	9,135	9,137
Unemployed	446	481	411	466	492	536	495	442	446	443	434	423	453
Unemployment rate	4.7	5.0	4.3	4.9	5.1	5.6	5.3	4.6	4.7	4.6	4.5	4.4	4.7
WEST													
Civilian noninstitutional population ²	39,965	40,030	40,089	40,153	40,214	40,277	40,340	40,409	40,478	40,544	40,616	40,687	40,761
Civilian labor force	26,698	26,803	26,817	26,914	26,855	26,962	27,027	27,156	27,149	27,205	27,035	27,212	27,190
Employed	24,763	24,743	24,653	24,747	24,868	24,888	24,839	25,007	24,856	24,989	24,720	24,846	24,894
Unemployed	1,935	2,060	2,164	2,167	1,987	2,074	2,187	2,149	2,293	2,216	2,315	2,366	2,296
Unemployment rate	7.2	7.7	8.1	8.1	7.4	7.7	8.1	7.9	8.4	8.1	8.6	8.7	8.4
Mountain													
Civilian noninstitutional population ²	10,128	10,139	10,151	10,162	10,172	10,183	10,194	10,208	10,221	10,232	10,247	10,259	10,274
Civilian labor force	6,785	6,889	6,831	6,956	6,933	6,893	6,834	6,851	6,782	6,878	6,852	6,890	6,921
Employed	6,341	6,430	6,390	6,482	6,484	6,441	6,392	6,420	6,349	6,440	6,428	6,469	6,474
Unemployed	444	458	441	474	449	451	443	431	432	438	424	421	447
Unemployment rate	6.5	6.6	6.5	6.8	6.5	6.5	6.5	6.3	6.4	6.4	6.2	6.1	6.5
Pacific													
Civilian noninstitutional population ²	29,837	29,890	29,938	29,991	30,042	30,094	30,145	30,202	30,256	30,312	30,369	30,428	30,488
Civilian labor force	19,913	19,914	19,987	19,958	19,921	20,069	20,192	20,305	20,368	20,327	20,183	20,322	20,269
Employed	18,422	18,312	18,263	18,265	18,384	18,447	18,448	18,587	18,507	18,549	18,291	18,376	18,420
Unemployed	1,491	1,602	1,723	1,693	1,537	1,623	1,745	1,718	1,860	1,778	1,892	1,946	1,849
Unemployment rate	7.5	8.0	8.6	8.5	7.7	8.1	8.6	8.5	9.1	8.7	9.4	9.6	9.1

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

² The population figures are not adjusted for seasonal variation.

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

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

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1991		1992										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
Alabama													
Civilian labor force	1,878.4	1,892.5	1,916.7	1,924.2	1,895.5	1,901.7	1,918.0	1,941.0	1,955.1	1,972.4	1,943.3	1,930.7	1,937.9
Employed	1,752.3	1,753.4	1,785.4	1,781.5	1,757.2	1,758.8	1,762.7	1,784.1	1,799.7	1,832.5	1,816.5	1,812.9	1,811.2
Unemployed	126.1	139.0	131.3	142.7	138.2	143.0	155.3	156.8	155.4	139.9	126.8	117.8	126.6
Unemployment rate	6.7	7.3	6.8	7.4	7.3	7.5	8.1	8.1	7.9	7.1	6.5	6.1	6.5
Alaska													
Civilian labor force	258.4	257.5	257.5	258.5	258.7	258.5	260.2	263.4	265.7	264.1	265.6	262.3	264.6
Employed	232.5	232.4	232.9	233.1	236.0	236.5	236.3	238.2	239.3	237.8	243.3	237.2	240.6
Unemployed	25.9	25.1	24.6	23.4	22.7	22.0	23.9	25.2	26.4	26.2	22.4	25.1	23.9
Unemployment rate	10.0	9.7	9.5	9.1	8.8	8.5	9.2	9.6	9.9	9.9	8.4	9.6	9.0
Arizona													
Civilian labor force	1,720.9	1,725.1	1,753.4	1,739.1	1,730.7	1,731.1	1,698.3	1,725.0	1,733.7	1,696.5	1,740.4	1,736.8	1,724.2
Employed	1,597.6	1,589.5	1,598.3	1,594.2	1,586.4	1,600.3	1,576.9	1,601.3	1,614.9	1,584.8	1,627.3	1,613.6	1,602.2
Unemployed	123.4	135.6	155.2	144.9	144.4	130.8	121.4	123.8	118.8	111.7	113.1	123.3	122.0
Unemployment rate	7.2	7.9	8.8	8.3	8.3	7.6	7.2	7.2	6.9	6.8	6.5	7.1	7.1
Arkansas													
Civilian labor force	1,115.6	1,116.9	1,141.8	1,143.7	1,165.4	1,178.3	1,167.2	1,154.6	1,169.2	1,159.0	1,152.2	1,152.1	1,118.1
Employed	1,036.8	1,034.7	1,053.2	1,062.6	1,089.4	1,088.8	1,088.0	1,066.4	1,085.6	1,077.7	1,067.7	1,069.2	1,035.3
Unemployed	78.8	82.3	88.4	81.1	76.0	89.7	81.2	88.2	83.6	81.3	84.5	82.9	82.8
Unemployment rate	7.1	7.4	7.7	7.1	6.5	7.8	7.0	7.6	7.2	7.0	7.3	7.2	7.4
California¹													
Civilian labor force	14,962.0	15,087.0	14,975.2	15,098.5	15,063.6	14,942.9	15,092.7	15,280.7	15,244.6	15,367.3	15,297.0	15,183.1	15,272.0
Employed	13,864.0	13,932.0	13,758.8	13,781.4	13,785.4	13,741.7	13,777.8	13,826.6	13,880.6	13,855.4	13,858.8	13,690.3	13,725.5
Unemployed	1,118.0	1,155.0	1,216.4	1,317.2	1,278.2	1,201.2	1,314.8	1,454.1	1,364.0	1,511.9	1,438.2	1,492.8	1,546.5
Unemployment rate	7.5	7.7	8.1	8.7	8.5	8.0	8.7	9.5	8.9	9.8	9.4	9.8	10.1
Colorado													
Civilian labor force	1,766.6	1,782.8	1,795.5	1,759.6	1,762.0	1,769.2	1,761.6	1,774.1	1,764.1	1,766.0	1,762.3	1,777.2	1,769.7
Employed	1,669.7	1,665.1	1,700.3	1,659.6	1,665.4	1,670.6	1,643.8	1,653.2	1,653.8	1,658.8	1,664.4	1,661.9	1,674.8
Unemployed	96.9	97.5	95.2	100.0	96.6	98.7	118.1	120.9	110.3	107.4	97.9	95.3	94.9
Unemployment rate	5.5	5.5	5.3	5.7	5.5	5.8	6.7	6.8	6.3	6.1	5.6	5.4	5.4
Connecticut													
Civilian labor force	1,815.7	1,799.8	1,818.6	1,812.6	1,783.9	1,764.2	1,770.6	1,742.0	1,779.3	1,799.1	1,778.7	1,806.3	1,802.1
Employed	1,686.7	1,667.9	1,682.4	1,677.9	1,658.0	1,638.0	1,649.4	1,617.3	1,656.7	1,675.8	1,650.9	1,680.8	1,670.0
Unemployed	129.1	131.9	136.1	134.7	127.9	126.2	121.1	124.7	122.7	123.2	127.6	125.5	132.0
Unemployment rate	7.1	7.3	7.5	7.4	7.2	7.2	6.8	7.2	6.9	6.9	7.2	6.9	7.3
Delaware													
Civilian labor force	384.4	365.2	368.6	367.9	365.4	369.3	366.3	367.6	366.9	369.1	371.1	371.8	375.1
Employed	343.8	343.2	348.0	351.5	342.9	348.3	345.7	342.2	345.2	348.7	352.5	350.5	358.6
Unemployed	20.6	22.0	20.8	16.5	22.5	21.0	20.7	25.3	21.8	20.4	18.7	21.3	18.5
Unemployment rate	5.7	6.0	5.6	4.5	6.1	5.7	5.6	6.9	5.9	5.5	5.0	5.7	4.4
District of Columbia													
Civilian labor force	276.9	276.5	264.6	264.8	285.9	288.1	281.6	281.7	276.2	273.5	273.1	271.7	268.5
Employed	253.1	252.0	261.7	262.4	262.4	266.5	257.5	258.2	251.4	249.3	250.3	249.5	243.9
Unemployed	23.8	24.6	22.9	22.4	23.5	21.6	24.1	23.5	24.8	24.2	22.8	22.3	24.6
Unemployment rate	8.6	8.9	8.0	7.9	8.2	7.5	8.5	8.3	9.0	8.9	8.3	8.2	9.2
Florida¹													
Civilian labor force	6,490.0	6,436.0	6,438.2	6,478.9	6,459.0	6,496.3	6,540.1	6,591.1	6,844.1	6,598.8	6,645.5	6,600.7	6,543.9
Employed	6,018.0	5,952.0	5,881.0	5,921.9	5,902.4	5,954.6	6,023.3	6,031.2	6,073.1	6,018.3	6,052.4	6,112.6	6,055.7
Unemployed	472.0	484.0	557.2	557.1	556.6	541.7	516.7	559.9	571.0	580.6	593.2	488.1	488.1
Unemployment rate	7.3	7.5	8.7	8.6	8.6	8.3	7.9	8.5	8.6	8.8	8.9	7.4	7.5

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	1991		1992										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
Georgia													
Civilian labor force	3,145.0	3,152.4	3,205.0	3,216.6	3,228.3	3,219.1	3,234.6	3,220.8	3,234.9	3,226.2	3,206.3	3,232.7	3,237.6
Employed	3,012.0	3,016.3	3,034.5	3,005.8	3,014.0	3,025.9	3,033.1	3,018.1	3,005.5	2,993.2	3,002.7	3,002.3	3,019.4
Unemployed	133.0	136.1	170.5	210.8	214.3	193.2	201.4	202.7	229.4	232.9	203.6	230.5	218.2
Unemployment rate	4.2	4.3	5.3	6.6	6.6	6.0	6.2	6.3	7.1	7.2	6.3	7.1	6.7
Hawaii													
Civilian labor force	559.5	562.8	567.6	562.4	561.7	561.4	559.5	566.1	571.8	570.8	570.3	569.7	574.6
Employed	543.4	544.8	548.2	542.2	542.2	540.3	538.5	540.2	545.2	546.2	544.5	542.0	546.2
Unemployed	16.1	17.9	19.4	20.3	19.4	21.2	23.0	25.9	26.6	24.6	25.8	27.7	28.4
Unemployment rate	2.9	3.2	3.4	3.6	3.5	3.8	4.1	4.6	4.7	4.3	4.5	4.9	4.9
Idaho													
Civilian labor force	508.5	506.2	505.8	506.9	509.1	513.0	513.3	512.7	518.2	523.8	525.1	522.3	522.3
Employed	476.9	473.5	473.3	474.1	476.8	480.1	483.3	481.2	487.0	490.5	489.9	489.2	469.7
Unemployed	31.6	32.7	32.4	32.8	32.3	32.9	30.0	31.5	31.2	33.3	35.2	33.1	32.6
Unemployment rate	6.2	6.5	6.4	6.5	6.3	6.4	5.8	6.1	6.0	6.4	6.7	6.3	6.2
Illinois¹													
Civilian labor force	5,973.0	6,049.0	6,124.2	6,093.6	6,089.9	6,044.4	6,179.0	6,219.9	6,102.2	6,050.6	6,108.2	6,097.1	6,107.8
Employed	5,470.0	5,497.0	5,618.8	5,572.6	5,612.7	5,568.7	5,681.9	5,683.0	5,590.2	5,655.0	5,696.0	5,760.4	5,729.4
Unemployed	503.0	552.0	505.4	520.9	477.2	475.7	497.1	538.9	512.0	395.8	412.2	336.7	376.4
Unemployment rate	8.4	9.1	8.3	8.5	7.8	7.9	8.0	8.6	8.4	6.5	6.7	5.5	6.2
Indiana													
Civilian labor force	2,771.6	2,754.9	2,795.0	2,821.7	2,803.4	2,799.1	2,804.5	2,855.4	2,915.3	2,894.3	2,885.4	2,845.8	2,820.7
Employed	2,604.9	2,580.0	2,836.2	2,672.5	2,653.2	2,637.9	2,620.2	2,663.0	2,722.8	2,710.2	2,896.0	2,676.4	2,637.1
Unemployed	166.7	174.9	158.8	149.2	150.1	161.1	164.3	192.4	192.5	184.1	189.3	167.3	163.6
Unemployment rate	6.0	6.3	5.7	5.3	5.4	5.8	6.6	6.7	6.6	6.4	6.6	5.9	6.5
Iowa													
Civilian labor force	1,532.5	1,537.4	1,549.3	1,542.4	1,551.5	1,524.7	1,532.9	1,531.7	1,534.9	1,550.4	1,544.0	1,532.7	1,543.8
Employed	1,463.9	1,470.9	1,480.9	1,480.0	1,478.4	1,449.6	1,447.0	1,453.7	1,465.4	1,492.6	1,480.5	1,469.1	1,484.1
Unemployed	68.6	66.5	68.4	62.4	72.2	75.1	85.9	78.0	69.4	57.8	63.5	63.6	59.7
Unemployment rate	4.5	4.3	4.4	4.0	4.7	4.9	5.6	5.1	4.5	3.7	4.1	4.1	3.9
Kansas													
Civilian labor force	1,293.6	1,312.3	1,323.7	1,318.5	1,321.5	1,323.4	1,324.5	1,310.6	1,317.1	1,326.0	1,329.0	1,327.6	1,323.9
Employed	1,238.5	1,259.5	1,271.7	1,271.3	1,274.3	1,273.7	1,270.7	1,259.9	1,266.7	1,274.3	1,272.7	1,273.5	1,267.5
Unemployed	55.1	52.8	52.0	47.2	47.1	49.7	53.7	56.9	50.4	53.6	56.3	54.1	56.4
Unemployment rate	4.3	4.0	3.9	3.6	3.6	3.6	4.1	4.3	3.8	4.0	4.2	4.1	4.3
Kentucky													
Civilian labor force	1,751.3	1,753.7	1,783.6	1,755.0	1,743.6	1,742.0	1,736.2	1,744.8	1,749.0	1,755.4	1,747.7	1,746.8	1,743.2
Employed	1,813.6	1,814.1	1,629.3	1,629.2	1,635.8	1,645.4	1,639.2	1,636.0	1,626.6	1,626.4	1,627.1	1,622.2	1,634.4
Unemployed	137.7	139.6	134.3	125.8	107.7	96.6	97.0	108.7	122.2	129.0	120.6	124.3	108.7
Unemployment rate	7.9	8.0	7.6	7.2	6.2	5.5	5.6	6.2	7.0	7.3	6.9	7.1	6.2
Louisiana													
Civilian labor force	1,949.8	1,950.0	1,940.8	1,951.3	1,954.0	1,966.7	1,948.7	1,968.4	1,931.1	1,928.9	1,911.0	1,916.9	1,914.6
Employed	1,819.4	1,813.9	1,795.5	1,818.5	1,819.3	1,809.8	1,809.8	1,816.7	1,767.5	1,776.9	1,748.6	1,764.7	1,768.7
Unemployed	130.4	136.1	145.3	132.8	134.7	156.9	138.9	151.7	163.6	152.0	162.4	152.3	146.0
Unemployment rate	6.7	7.0	7.5	6.8	6.9	8.0	7.1	7.7	8.5	7.9	8.6	7.9	7.6
Maine													
Civilian labor force	642.9	648.3	649.1	647.8	649.6	650.3	651.1	655.1	655.5	656.1	656.3	657.0	664.5
Employed	599.9	600.9	599.3	596.2	602.5	601.3	602.7	608.6	613.6	612.4	613.4	614.6	616.1
Unemployed	43.1	47.4	49.8	51.6	47.2	49.0	36.3	46.6	41.9	45.7	44.9	42.4	48.4
Unemployment rate	6.7	7.3	7.7	8.0	7.3	7.5	5.6	7.1	6.4	6.9	6.8	6.5	7.3

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	1991		1992										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
Maryland													
Civilian labor force	2,573.9	2,548.8	2,571.8	2,561.5	2,555.9	2,606.9	2,605.6	2,629.8	2,640.0	2,638.1	2,628.4	2,611.0	2,606.4
Employed	2,413.0	2,381.4	2,397.3	2,382.6	2,367.5	2,429.0	2,423.1	2,448.9	2,463.7	2,461.3	2,448.1	2,436.1	2,437.1
Unemployed	160.9	167.4	174.5	178.9	188.4	177.8	182.5	160.9	176.3	176.8	180.3	174.9	169.3
Unemployment rate	6.3	6.6	6.8	7.0	7.4	6.8	7.0	6.9	6.7	6.7	6.9	6.7	6.5
Massachusetts¹													
Civilian labor force	3,157.0	3,164.0	3,130.6	3,129.6	3,143.4	3,089.8	3,122.8	3,148.9	3,149.8	3,118.9	3,095.0	3,093.2	3,131.8
Employed	2,880.0	2,889.0	2,883.9	2,895.4	2,856.7	2,824.8	2,864.1	2,870.4	2,888.4	2,859.3	2,829.4	2,834.1	2,649.5
Unemployed	277.0	275.0	246.6	234.2	286.7	265.0	258.7	278.5	261.4	259.6	265.6	259.0	282.1
Unemployment rate	8.8	8.7	7.9	7.5	9.1	8.6	8.3	8.8	8.3	8.3	8.6	8.4	9.0
Michigan¹													
Civilian labor force	4,547.0	4,559.0	4,607.3	4,600.7	4,641.3	4,572.7	4,622.7	4,586.0	4,638.4	4,630.7	4,632.7	4,609.0	4,630.8
Employed	4,112.0	4,138.0	4,199.3	4,185.1	4,208.6	4,142.4	4,223.9	4,181.6	4,201.3	4,215.2	4,225.5	4,212.3	4,266.8
Unemployed	435.0	421.0	407.9	415.6	432.7	430.3	398.8	404.5	437.0	415.5	407.2	396.7	364.0
Unemployment rate	9.6	9.2	8.9	9.0	9.3	9.4	8.6	8.8	9.4	9.0	8.8	8.6	7.9
Minnesota													
Civilian labor force	2,382.4	2,377.8	2,402.4	2,404.9	2,401.2	2,428.3	2,443.1	2,409.0	2,447.8	2,420.0	2,434.0	2,424.3	2,434.3
Employed	2,253.9	2,250.5	2,272.4	2,295.5	2,286.9	2,314.3	2,305.9	2,273.8	2,341.2	2,303.6	2,321.6	2,313.2	2,306.5
Unemployed	126.5	127.2	130.0	109.4	134.3	114.0	137.2	135.3	106.6	116.4	112.2	111.0	127.8
Unemployment rate	5.4	5.4	5.4	4.5	5.6	4.7	5.6	5.8	4.3	4.8	4.6	4.6	5.3
Mississippi													
Civilian labor force	1,181.3	1,145.8	1,162.8	1,167.1	1,187.3	1,157.7	1,158.9	1,188.2	1,189.9	1,198.4	1,203.0	1,189.9	1,190.3
Employed	1,072.7	1,055.1	1,068.8	1,071.2	1,074.2	1,065.2	1,057.5	1,074.8	1,085.2	1,091.4	1,103.7	1,094.7	1,109.4
Unemployed	88.8	90.5	93.9	95.9	93.1	92.5	101.3	111.5	104.7	107.0	99.3	95.2	80.9
Unemployment rate	7.8	7.9	8.1	8.2	8.0	8.0	8.7	9.4	8.8	8.9	8.3	8.0	8.8
Missouri													
Civilian labor force	2,706.5	2,721.0	2,729.5	2,735.0	2,727.4	2,739.7	2,696.8	2,697.3	2,716.3	2,690.3	2,678.5	2,681.4	2,689.2
Employed	2,536.2	2,554.9	2,560.4	2,569.5	2,579.3	2,580.8	2,515.2	2,511.0	2,539.4	2,522.8	2,510.0	2,530.6	2,557.5
Unemployed	170.3	166.2	169.1	145.5	148.1	159.1	181.4	186.3	177.0	167.6	168.5	150.8	131.8
Unemployment rate	6.3	6.1	6.2	5.3	5.4	5.8	6.7	6.9	6.5	6.2	6.2	5.6	4.9
Montana													
Civilian labor force	404.0	406.9	411.4	412.3	415.4	414.9	412.7	411.7	410.8	406.8	406.3	411.5	414.4
Employed	374.5	377.8	377.4	382.1	389.3	388.6	384.4	381.4	388.0	377.7	380.4	387.3	391.5
Unemployed	29.5	29.0	34.1	30.2	26.1	26.4	28.3	30.3	24.8	28.9	27.9	24.1	22.8
Unemployment rate	7.3	7.1	8.3	7.3	6.3	6.4	6.9	7.4	6.0	7.1	6.8	5.9	5.5
Nebraska													
Civilian labor force	844.3	848.8	848.1	856.3	848.8	848.5	861.3	867.1	873.8	867.3	856.6	853.1	843.6
Employed	819.7	823.7	822.6	835.1	827.1	824.9	832.3	837.1	847.5	839.2	830.7	827.0	821.7
Unemployed	24.7	24.9	25.6	21.2	21.8	23.6	29.0	29.9	26.4	28.1	25.8	26.1	21.9
Unemployment rate	2.9	2.9	3.0	2.5	2.6	2.8	3.4	3.5	3.0	3.2	3.0	3.1	2.6
Nevada													
Civilian labor force	654.4	659.1	662.8	668.0	670.2	666.3	666.1	666.1	675.2	678.5	675.5	680.0	683.8
Employed	618.5	619.9	618.8	622.1	626.5	626.3	627.7	622.1	627.6	627.6	628.2	635.1	640.9
Unemployed	37.9	39.3	44.2	45.9	43.8	40.0	38.3	44.0	47.6	46.7	47.3	44.9	42.9
Unemployment rate	5.8	6.0	6.7	6.9	6.5	6.0	5.8	6.6	7.0	7.2	7.0	6.6	6.3
New Hampshire													
Civilian labor force	624.6	622.6	626.4	639.7	638.3	638.4	626.5	617.8	619.0	629.9	627.3	632.7	644.1
Employed	576.9	573.1	580.6	594.3	593.1	589.4	581.1	570.7	574.4	584.5	579.9	585.8	597.0
Unemployed	47.7	49.5	47.6	45.4	45.1	49.0	47.4	47.1	44.6	45.4	47.4	46.9	47.1
Unemployment rate	7.6	7.9	7.6	7.1	7.1	7.7	7.5	7.6	7.2	7.2	7.6	7.4	7.3

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	1991		1992										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
New Jersey¹													
Civilian labor force	3,985.0	3,995.0	4,023.6	4,020.5	4,046.7	4,049.2	4,013.8	3,998.5	3,982.9	3,932.4	3,980.1	3,977.0	3,975.4
Employed	3,702.0	3,707.0	3,751.7	3,713.2	3,780.8	3,735.0	3,654.3	3,630.9	3,591.6	3,561.7	3,620.2	3,655.1	3,628.3
Unemployed	283.0	288.0	271.9	307.3	266.0	314.2	359.5	367.6	391.2	370.7	360.0	321.8	347.0
Unemployment rate	7.1	7.2	6.8	7.6	7.1	7.8	9.0	9.2	9.8	9.4	9.0	8.1	8.7
New Mexico													
Civilian labor force	719.2	723.4	728.1	729.7	727.8	720.9	719.8	720.8	719.8	718.9	722.0	725.7	725.6
Employed	671.2	673.7	672.8	675.3	675.8	671.2	670.3	667.9	669.2	669.0	669.9	674.9	679.0
Unemployed	48.0	49.7	55.5	54.4	51.8	49.7	49.3	52.7	50.6	49.9	52.2	50.8	46.6
Unemployment rate	6.7	6.9	7.6	7.5	7.1	6.9	6.9	7.3	7.0	6.9	7.2	7.0	6.4
New York¹													
Civilian labor force	8,544.0	8,479.0	8,435.1	8,483.0	8,543.4	8,544.7	8,545.9	8,599.3	8,523.8	8,547.2	8,518.3	8,439.3	8,522.1
Employed	7,866.0	7,798.0	7,724.4	7,712.8	7,857.5	7,895.0	7,866.8	7,810.9	7,721.3	7,824.9	7,752.2	7,706.2	7,840.9
Unemployed	678.0	681.0	710.7	750.2	685.9	649.7	679.2	788.4	802.3	722.4	766.2	733.1	681.3
Unemployment rate	7.9	8.0	8.4	8.9	8.0	7.6	7.9	9.2	9.4	8.5	9.0	8.7	8.0
North Carolina¹													
Civilian labor force	3,468.0	3,436.0	3,440.9	3,441.9	3,461.8	3,446.1	3,434.9	3,501.3	3,508.2	3,505.7	3,498.7	3,518.7	3,540.8
Employed	3,272.0	3,239.0	3,244.2	3,228.8	3,243.7	3,258.8	3,239.5	3,274.8	3,268.7	3,266.8	3,290.8	3,325.9	3,331.8
Unemployed	196.0	197.0	196.8	213.2	218.2	167.3	195.3	226.5	219.5	219.0	207.9	192.9	208.8
Unemployment rate	5.7	5.7	5.7	6.2	6.3	5.4	5.7	6.5	6.3	6.2	5.9	5.5	5.9
North Dakota													
Civilian labor force	314.8	314.8	318.9	318.0	319.8	320.8	320.2	318.1	310.7	307.4	314.3	312.8	315.1
Employed	301.8	301.8	302.3	302.7	305.0	306.9	303.3	301.3	294.8	291.9	298.8	298.0	300.4
Unemployed	12.9	13.0	14.6	13.2	14.8	13.7	16.8	16.8	16.0	15.5	15.5	14.8	14.7
Unemployment rate	4.1	4.1	4.6	4.2	4.6	4.3	5.3	5.3	5.1	5.1	4.9	4.7	4.7
Ohio¹													
Civilian labor force	5,433.0	5,445.0	5,491.5	5,481.7	5,524.4	5,452.9	5,528.8	5,471.0	5,584.3	5,589.9	5,541.5	5,441.3	5,395.4
Employed	5,114.0	5,092.0	5,121.6	5,070.3	5,128.5	5,078.1	5,122.5	5,055.1	5,189.1	5,187.1	5,150.1	5,049.3	4,995.0
Unemployed	319.0	353.0	369.8	391.4	395.9	376.9	406.2	415.9	415.2	422.8	391.4	392.0	400.3
Unemployment rate	5.9	6.5	6.7	7.2	7.2	6.9	7.3	7.6	7.4	7.6	7.1	7.2	7.4
Oklahoma													
Civilian labor force	1,523.8	1,524.2	1,519.4	1,512.7	1,518.4	1,531.1	1,528.2	1,524.3	1,530.2	1,518.4	1,522.8	1,525.5	1,534.1
Employed	1,415.8	1,425.3	1,425.8	1,417.6	1,417.1	1,440.1	1,443.7	1,416.7	1,436.1	1,417.9	1,429.7	1,447.1	1,463.0
Unemployed	108.0	98.9	93.5	95.1	101.3	91.0	84.5	107.8	94.1	100.5	92.9	78.4	71.1
Unemployment rate	7.1	6.5	6.2	6.3	6.7	5.9	5.5	7.1	6.1	6.6	6.1	5.1	4.6
Oregon													
Civilian labor force	1,506.5	1,511.0	1,510.5	1,509.0	1,523.0	1,526.1	1,545.2	1,540.3	1,534.4	1,545.3	1,553.2	1,544.9	1,546.5
Employed	1,410.7	1,413.0	1,400.9	1,394.5	1,400.8	1,411.1	1,436.4	1,430.5	1,419.0	1,434.2	1,443.8	1,431.1	1,435.3
Unemployed	95.9	98.0	109.6	114.5	122.2	115.0	108.8	109.7	115.4	111.2	109.7	113.8	111.1
Unemployment rate	6.4	6.5	7.3	7.6	8.0	7.5	7.0	7.1	7.5	7.2	7.1	7.4	7.2
Pennsylvania¹													
Civilian labor force	5,960.0	5,953.0	5,977.8	6,007.0	5,986.0	5,938.8	5,973.8	5,968.4	5,962.1	6,060.8	6,029.6	6,063.7	6,069.0
Employed	5,559.0	5,532.0	5,556.0	5,550.4	5,557.8	5,469.1	5,509.7	5,514.2	5,505.9	5,565.0	5,573.7	5,612.4	5,638.6
Unemployed	401.0	421.0	421.8	456.6	428.2	469.8	464.0	454.2	456.1	495.5	455.9	451.2	430.4
Unemployment rate	6.7	7.1	7.1	7.6	7.2	7.9	7.8	7.6	7.7	8.2	7.6	7.4	7.1
Rhode Island													
Civilian labor force	510.8	506.8	517.4	519.9	517.3	518.8	518.5	520.2	523.3	523.8	511.8	511.5	520.7
Employed	464.8	464.8	475.9	479.9	475.2	470.2	470.4	469.5	474.8	474.4	468.0	469.2	477.0
Unemployed	46.0	42.0	41.4	40.0	42.2	48.3	48.1	50.7	48.5	49.3	43.8	42.3	43.7
Unemployment rate	9.0	8.3	8.0	7.7	8.1	9.3	9.3	9.6	9.3	9.4	8.6	8.3	8.4

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	1991		1992										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P
South Carolina													
Civilian labor force	1,744.3	1,736.5	1,783.9	1,773.7	1,748.4	1,761.1	1,760.4	1,759.1	1,802.5	1,796.5	1,768.6	1,772.6	1,767.7
Employed	1,635.7	1,621.8	1,634.2	1,652.6	1,624.4	1,649.3	1,643.4	1,647.5	1,681.6	1,682.3	1,657.2	1,661.9	1,661.4
Unemployed	108.7	114.7	129.7	121.1	122.0	111.8	117.0	111.7	120.9	114.1	111.5	110.7	106.3
Unemployment rate	6.2	6.6	7.4	6.8	7.0	6.3	6.6	6.3	6.7	6.4	6.3	6.2	6.0
South Dakota													
Civilian labor force	365.7	366.4	368.1	361.3	360.8	358.7	359.8	357.8	358.4	360.6	360.6	360.9	366.8
Employed	354.4	354.6	356.5	350.2	348.0	347.1	348.0	345.1	347.6	350.1	349.8	350.3	356.3
Unemployed	11.3	11.8	11.6	11.0	12.8	11.8	13.5	12.7	10.9	10.6	11.0	10.7	10.4
Unemployment rate	3.1	3.2	3.1	3.1	3.5	3.2	3.8	3.5	3.0	2.9	3.0	3.0	2.8
Tennessee													
Civilian labor force	2,419.1	2,412.7	2,427.4	2,408.7	2,430.8	2,396.0	2,403.3	2,435.3	2,438.0	2,432.4	2,437.0	2,461.8	2,469.2
Employed	2,260.3	2,246.3	2,246.3	2,235.5	2,265.9	2,240.7	2,245.7	2,275.0	2,280.5	2,273.9	2,284.6	2,328.9	2,327.6
Unemployed	158.8	164.4	179.2	173.2	165.0	155.3	157.8	160.4	157.6	158.5	152.5	132.7	141.7
Unemployment rate	6.6	6.8	7.4	7.2	6.8	6.5	6.6	6.8	6.5	6.5	6.3	5.4	5.7
Texas¹													
Civilian labor force	8,537.0	8,583.0	8,747.1	8,723.2	8,787.8	8,743.8	8,740.8	8,821.8	8,727.2	8,733.7	8,742.1	8,741.4	8,732.0
Employed	7,989.0	7,984.0	8,061.3	8,068.1	8,101.1	8,100.8	8,082.0	8,101.0	8,102.9	8,128.0	8,071.8	8,098.3	8,068.3
Unemployed	568.0	599.0	685.8	637.1	666.7	643.0	658.8	720.6	624.3	605.8	670.3	643.1	663.7
Unemployment rate	6.7	7.0	7.8	7.3	7.6	7.4	7.5	8.2	7.2	6.9	7.7	7.4	7.8
Utah													
Civilian labor force	807.7	806.4	812.9	817.2	818.0	819.0	816.9	818.2	817.2	809.6	807.8	807.3	812.2
Employed	784.6	785.4	775.9	780.3	781.5	780.1	778.6	778.6	778.7	768.8	765.8	765.8	769.0
Unemployed	43.1	41.0	37.0	37.0	36.5	38.9	38.3	39.8	38.5	42.8	42.0	41.5	43.2
Unemployment rate	5.3	5.1	4.6	4.5	4.5	4.7	4.7	4.8	4.7	5.3	5.2	5.1	5.3
Vermont													
Civilian labor force	317.3	310.5	309.8	308.0	305.5	309.5	312.1	312.4	313.6	320.2	318.6	316.6	327.1
Employed	298.4	291.4	290.4	289.0	286.8	288.5	289.9	290.5	292.2	299.2	298.0	298.2	306.8
Unemployed	19.0	19.1	19.4	19.0	18.7	21.0	22.2	21.9	21.4	20.9	20.6	18.4	20.3
Unemployment rate	6.0	6.1	6.3	6.2	6.1	6.8	7.1	7.0	6.8	6.5	6.5	5.8	6.2
Virginia													
Civilian labor force	3,333.5	3,338.2	3,332.7	3,360.0	3,388.0	3,390.8	3,394.2	3,391.1	3,385.7	3,342.8	3,322.2	3,320.8	3,315.0
Employed	3,138.9	3,150.5	3,115.1	3,140.4	3,187.4	3,167.5	3,153.5	3,174.3	3,156.1	3,120.9	3,109.3	3,124.4	3,115.7
Unemployed	194.8	187.6	217.6	219.6	220.6	223.0	240.7	216.8	229.6	221.9	213.0	196.3	199.3
Unemployment rate	5.8	5.6	6.5	6.5	6.5	6.6	7.1	6.4	6.8	6.6	6.4	5.9	6.0
Washington													
Civilian labor force	2,496.8	2,493.4	2,538.0	2,547.7	2,534.7	2,801.8	2,622.8	2,598.4	2,645.2	2,594.1	2,597.4	2,594.4	2,633.0
Employed	2,330.6	2,321.4	2,356.0	2,357.1	2,337.7	2,423.9	2,446.5	2,422.1	2,465.5	2,417.5	2,417.5	2,397.6	2,424.7
Unemployed	166.0	172.0	182.0	190.5	197.0	178.0	176.3	176.3	179.7	176.6	179.9	196.8	208.3
Unemployment rate	6.6	6.9	7.2	7.5	7.6	6.8	6.7	6.8	6.8	6.8	6.9	7.6	7.9
West Virginia													
Civilian labor force	764.8	783.8	796.1	792.1	790.8	765.3	767.2	779.7	782.3	767.2	768.4	764.2	764.6
Employed	701.0	697.1	692.7	692.6	691.2	694.1	696.9	690.9	691.9	684.2	681.6	681.3	686.8
Unemployed	63.8	86.8	103.4	99.3	99.8	91.2	90.3	88.8	90.4	83.0	86.8	82.9	78.0
Unemployment rate	10.7	11.1	13.0	12.5	12.6	11.8	11.5	11.4	11.8	10.8	11.3	10.8	10.2
Wisconsin													
Civilian labor force	2,590.9	2,593.9	2,595.3	2,815.8	2,828.1	2,843.8	2,687.5	2,686.4	2,663.4	2,681.8	2,664.0	2,648.1	2,672.8
Employed	2,451.2	2,456.5	2,463.1	2,478.2	2,502.7	2,525.8	2,545.1	2,546.8	2,521.7	2,537.0	2,506.1	2,508.7	2,559.7
Unemployed	139.7	137.4	132.2	137.4	125.3	117.8	122.4	139.8	141.8	144.8	157.9	139.4	113.1
Unemployment rate	5.4	5.3	5.1	5.3	4.8	4.5	4.8	5.2	5.3	5.4	5.9	5.3	4.2
Wyoming													
Civilian labor force	238.0	237.0	239.0	242.8	243.3	243.1	242.0	240.4	241.6	240.3	241.5	240.8	239.1
Employed	225.8	224.5	224.2	225.6	227.2	227.8	228.9	226.8	227.1	227.1	228.5	229.1	228.4
Unemployed	12.4	12.6	14.9	17.2	16.2	15.3	13.1	13.8	14.8	13.1	12.9	11.5	10.8
Unemployment rate	5.2	5.3	6.2	7.1	6.6	6.3	5.4	5.7	6.0	5.5	5.4	4.8	4.5

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

NOTE: Data refer to place of residence. The unadjusted base estimates are provisional and will be revised when new benchmark and population information becomes available. All seasonally adjusted data are also subject to revision.

**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. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a
Alabama	1,882.5	1,938.1	1,939.3	119.1	114.0	118.2	6.3	5.9	6.1
Birmingham	435.9	446.6	447.7	23.2	22.4	22.7	5.3	5.0	5.1
Huntsville	133.0	135.4	135.3	5.8	5.5	5.3	4.3	4.1	3.9
Mobile	219.6	226.9	227.8	14.3	14.5	15.0	6.5	6.4	6.6
Montgomery	135.8	139.9	140.8	7.1	7.4	7.6	5.2	5.3	5.4
Tuscaloosa	74.3	73.5	73.7	3.6	3.2	3.3	4.9	4.3	4.4
Alaska	253.6	261.2	259.8	24.7	23.7	23.1	9.8	9.1	8.9
Arizona	1,728.1	1,735.2	1,732.4	117.8	115.2	117.4	6.8	6.6	6.8
Phoenix	1,059.0	1,055.2	1,050.6	63.9	59.8	61.0	6.0	5.7	5.8
Tucson	322.4	327.2	326.4	16.8	16.5	15.6	5.2	5.1	4.8
Arkansas	1,124.7	1,145.2	1,119.5	72.1	75.5	75.7	6.4	6.6	6.8
Fayetteville-Springdale	64.4	66.2	64.9	2.2	2.2	2.1	3.4	3.3	3.2
Fort Smith	91.9	91.7	90.1	7.1	6.9	6.7	7.7	7.5	7.4
Little Rock-North Little Rock	269.3	272.2	267.1	14.9	15.8	15.1	5.5	5.8	5.7
Pine Bluff	37.2	37.9	37.0	3.3	3.7	3.6	9.0	9.7	9.7
California¹	14,997.9	15,223.1	15,309.0	1,089.7	1,414.8	1,510.5	7.3	9.3	9.9
Anaheim-Santa Ana	1,360.0	1,363.4	1,377.7	59.1	90.2	97.1	4.3	6.8	7.0
Bakersfield	248.7	270.2	272.8	29.2	45.8	48.2	11.7	16.9	17.7
Fresno	309.6	330.3	332.9	39.1	53.1	60.2	12.6	16.1	18.1
Los Angeles-Long Beach ¹	4,574.0	4,550.0	4,512.0	389.0	433.0	426.0	8.5	9.5	9.4
Modesto	165.6	179.7	180.6	21.5	29.2	32.6	13.0	16.2	18.1
Oakland	1,116.9	1,130.1	1,142.6	53.0	74.1	78.7	4.7	6.6	7.0
Oxnard-Ventura	376.4	383.5	387.5	26.8	35.8	38.9	7.1	9.3	10.0
Riverside-San Bernardino	1,096.6	1,124.4	1,143.7	90.3	134.4	143.3	8.2	12.0	12.5
Sacramento	777.8	789.9	802.2	48.3	62.0	68.9	6.0	7.8	8.6
Salinas-Seaside-Monterey	161.9	169.2	171.9	16.0	18.1	25.4	9.9	10.7	14.8
San Diego	1,186.1	1,195.3	1,210.4	64.5	93.3	101.2	5.4	7.8	8.4
San Francisco	884.2	901.4	913.6	38.5	54.8	58.8	4.1	6.1	6.4
San Jose	819.2	826.8	836.2	41.1	57.1	61.5	5.0	6.9	7.3
Santa Barbara-Santa Maria-Lompoc	185.4	185.3	187.4	11.0	15.1	16.6	5.9	8.2	8.9
Santa Rosa-Petaluma	219.1	226.6	225.9	11.0	15.4	16.6	5.0	6.8	7.3
Stockton	203.7	211.3	212.9	24.3	31.3	35.7	11.9	14.8	16.8
Vallejo-Fairfield-Napa	204.3	212.3	212.1	12.4	18.8	20.0	6.0	8.8	9.4
Colorado	1,762.8	1,758.8	1,765.6	88.1	80.5	86.1	5.0	4.6	4.9
Boulder-Longmont	143.6	144.6	144.7	5.1	4.6	4.6	3.5	3.2	3.2
Denver	896.6	895.2	899.3	42.8	39.6	42.9	4.8	4.4	4.8
Connecticut	1,796.8	1,794.9	1,786.2	115.9	115.8	119.5	6.5	6.5	6.7
Bridgeport-Milford	228.2	226.1	224.5	16.7	17.5	18.1	7.3	7.7	8.1
Hartford	432.2	431.5	431.1	27.0	27.2	28.2	6.3	6.3	6.5
New Britain	75.6	76.3	76.1	6.3	6.2	6.5	8.3	8.1	8.5
New Haven-Meriden	288.2	290.3	286.5	17.4	17.8	17.8	6.0	6.1	6.2
Stamford	115.9	114.6	113.9	5.1	5.3	5.5	4.4	4.7	4.9
Waterbury	105.7	104.5	104.0	9.6	10.0	10.2	9.1	9.6	9.8
Delaware	363.7	371.3	373.6	17.8	19.8	13.8	4.9	5.3	3.7
Wilmington	313.0	316.0	317.9	16.4	19.5	14.1	5.2	6.2	4.4
District of Columbia	275.2	268.9	265.7	22.6	22.1	24.0	8.3	8.2	9.0
Washington	2,228.2	2,232.5	2,226.6	105.6	105.6	108.7	4.7	4.7	4.9
Florida¹	6,504.6	6,653.7	6,569.9	458.9	473.1	476.1	7.1	7.1	7.2
Daytona Beach	160.7	166.3	163.8	11.1	11.5	11.9	6.9	6.9	7.3
Fort Lauderdale-Hollywood-Pompano Beach	680.8	699.0	690.3	49.3	48.4	47.9	7.2	6.9	6.9
Fort Myers-Cape Coral	154.1	157.0	155.9	9.6	10.9	10.9	6.3	6.9	7.0
Gainesville	114.9	119.2	118.0	4.9	5.0	5.0	4.3	4.2	4.3
Jacksonville	475.8	485.9	477.0	30.9	28.0	29.1	6.5	5.8	6.1
Lakeland-Winter Haven	183.5	186.4	187.4	16.5	18.3	18.3	9.0	9.8	9.8
Melbourne-Titusville-Palm Bay	201.3	202.9	199.8	14.9	14.2	14.9	7.4	7.0	7.5
Miami-Hialeah	973.1	997.4	973.7	80.6	87.9	83.7	8.3	8.8	8.6
Orlando	646.7	665.6	655.4	42.0	40.7	42.3	6.5	6.1	6.5
Pensacola	154.8	157.5	154.7	8.9	7.7	6.5	5.8	4.9	5.5
Sarasota	132.0	134.1	133.8	6.6	6.7	6.9	5.0	5.0	5.2
Tallahassee	142.9	150.3	146.4	5.5	5.6	6.0	3.8	3.7	4.1
Tampa-St. Petersburg-Clearwater	1,027.9	1,050.8	1,040.4	63.8	63.8	66.9	6.2	6.1	6.4
West Palm Beach-Boca Raton-Delray Beach	439.9	445.4	443.8	35.3	39.5	37.2	8.0	8.9	8.4

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. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a	Nov. 1991	Oct. 1992	Nov. 1992 ^a
Georgia	3,167.2	3,246.4	3,253.6	128.9	226.1	207.1	4.1	7.0	6.4
Albany	53.2	55.7	55.8	2.5	5.0	4.5	4.7	8.9	8.0
Athens	77.4	79.0	79.8	2.5	4.1	3.7	3.2	5.2	4.7
Atlanta	1,506.1	1,541.4	1,544.3	57.0	101.5	92.9	3.8	6.6	6.0
Augusta	201.0	206.8	206.9	8.4	12.6	11.9	4.2	6.1	5.6
Columbus	98.3	101.0	101.4	4.5	7.3	6.8	4.6	7.2	6.7
Macon-Warner Robins	132.5	134.6	135.7	4.8	8.5	6.0	3.6	6.3	5.9
Savannah	116.8	119.5	119.9	4.4	7.7	7.0	3.6	6.5	5.6
Hawaii	560.8	567.8	575.6	15.9	27.5	26.0	2.8	4.8	4.9
Honolulu	402.4	406.2	412.2	9.6	13.6	14.1	2.4	3.4	3.4
Idaho	506.4	519.3	520.2	28.9	26.7	30.0	5.7	5.1	5.6
Boise City	122.0	126.8	131.2	4.9	4.4	4.6	4.0	3.5	3.7
Illinois¹	5,968.7	6,077.1	6,108.8	500.5	323.7	367.4	8.4	5.3	6.3
Aurora-Elgin	192.6	196.0	197.3	16.2	10.3	12.8	6.4	5.2	6.5
Bloomington-Normal	76.2	79.1	79.5	4.7	2.6	3.3	6.2	3.2	4.1
Champaign-Urbana-Rantoul	93.3	96.2	97.3	5.2	3.1	3.6	5.6	3.2	3.9
Chicago	3,210.6	3,261.1	3,279.8	257.0	174.7	205.9	6.0	5.4	6.3
Davenport-Rock Island-Moline	184.2	186.1	187.1	13.6	11.6	11.3	7.4	6.2	6.0
Decatur	61.3	62.3	62.9	6.5	4.0	4.7	10.6	6.3	7.5
Joliet	216.0	223.3	223.8	19.4	12.2	15.0	9.0	5.4	6.7
Kankakee	49.9	52.0	52.3	4.9	3.0	3.7	9.8	5.9	7.1
Lake County	314.7	326.6	326.6	18.1	10.8	14.6	5.7	3.3	4.5
Peoria	165.5	169.4	170.6	14.9	8.5	10.7	9.0	5.0	6.3
Rockford	157.4	159.9	161.3	14.5	11.8	10.8	9.2	7.3	6.7
Springfield	116.7	119.5	120.4	7.4	4.5	5.5	6.4	3.6	4.6
Indiana	2,764.6	2,844.6	2,804.9	158.4	167.1	177.5	5.7	5.9	6.3
Anderson	54.7	57.0	56.0	3.6	4.4	4.4	6.6	7.6	7.6
Bloomington	61.0	63.6	62.6	2.3	2.4	2.4	3.6	3.6	3.6
Elkhart-Goshen	67.1	66.9	66.6	5.5	4.9	6.1	6.3	5.6	6.9
Evansville	141.5	146.7	145.0	8.1	9.3	6.8	5.7	6.3	6.1
Fort Wayne	192.4	193.3	190.5	10.1	10.3	10.6	5.2	5.3	5.6
Gary-Hammond	259.5	270.7	266.4	17.1	20.7	20.7	6.6	7.6	7.8
Indianapolis	677.4	700.3	668.6	32.0	32.2	34.6	4.7	4.6	5.0
Kokomo	44.4	47.6	45.7	2.6	4.0	3.0	5.8	6.5	6.6
Lafayette-West Lafayette	68.4	70.0	69.3	2.1	2.0	2.4	3.0	2.6	3.4
Muncie	60.2	60.5	60.1	3.4	3.4	3.6	5.6	5.7	6.3
South Bend-Mishawaka	126.4	131.2	128.8	7.5	7.4	7.2	5.9	5.6	5.6
Terre Haute	60.9	65.1	64.0	3.1	3.9	4.0	5.0	5.9	6.3
Iowa	1,537.4	1,546.6	1,548.0	64.2	60.8	56.2	4.2	3.9	3.6
Cedar Rapids	97.6	96.3	97.1	3.8	3.5	3.4	3.9	3.7	3.5
Des Moines	244.1	244.9	248.6	8.5	8.3	7.7	3.5	3.4	3.1
Dubuque	46.2	46.3	46.3	2.2	2.9	1.6	4.8	6.2	3.9
Iowa City	65.0	65.3	66.7	.9	1.3	1.1	1.5	1.9	1.6
Sioux City	63.6	64.1	64.2	2.6	2.1	1.9	4.0	3.2	3.0
Waterloo-Cedar Falls	76.5	77.3	77.7	3.9	4.2	3.8	5.2	5.5	4.9
Kansas	1,289.3	1,316.5	1,319.0	52.1	53.2	54.0	4.0	4.0	4.1
Lawrence	45.9	46.9	47.0	1.4	1.5	1.5	3.2	3.1	3.2
Topeka	91.9	93.3	94.7	4.0	3.9	4.0	4.3	4.2	4.2
Wichita	256.9	261.3	260.6	9.9	11.4	11.1	3.9	4.4	4.3
Kentucky	1,755.1	1,730.9	1,748.4	125.5	109.2	100.7	7.2	6.3	5.6
Lexington-Fayette	195.4	195.5	195.6	8.5	8.6	6.9	4.4	4.5	3.5
Louisville	521.0	507.6	523.3	33.1	26.4	33.9	6.3	5.2	6.5
Owensboro	45.2	44.6	44.7	3.1	2.6	2.2	6.6	6.4	5.0
Louisiana	1,949.1	1,928.2	1,918.2	120.1	144.3	135.9	6.2	7.5	7.1
Alexandria	60.0	58.2	58.1	3.7	3.7	3.8	6.1	6.4	6.6
Baton Rouge	283.1	281.3	280.4	14.9	17.7	17.4	5.2	6.3	6.2
Houma-Thibodaux	72.0	71.0	70.3	4.5	6.2	5.3	6.2	6.6	7.6
Lafayette	112.9	109.3	108.7	5.8	7.0	6.3	5.1	6.4	5.8
Lake Charles	83.9	82.0	81.4	6.3	7.1	6.7	7.5	6.7	6.2
Monroe	73.8	71.2	71.1	4.0	4.5	4.3	5.4	6.3	6.0
New Orleans	589.1	581.3	578.0	31.7	39.6	36.4	5.4	6.6	6.3
Shreveport	157.4	156.4	156.0	9.8	10.3	10.0	6.2	6.6	6.4
Maine	634.6	656.4	656.1	42.3	36.6	47.3	6.7	5.6	7.2
Lewiston-Auburn	43.3	45.5	45.7	3.7	3.2	4.0	6.6	6.9	6.6
Portland	131.6	136.5	137.6	6.3	5.4	6.5	4.6	3.9	4.7

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. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
Maryland	2,569.8	2,602.0	2,600.6	161.0	166.6	168.9	6.3	8.4	8.5
Baltimore	1,219.9	1,228.9	1,228.2	83.7	88.6	89.8	8.9	7.2	7.3
Massachusetts¹	3,132.2	3,077.2	3,112.6	250.3	235.0	257.1	8.0	7.6	8.3
Boston	1,551.2	1,517.2	1,533.3	107.4	103.2	110.2	6.9	6.8	7.2
Brockton	97.2	95.8	97.3	9.4	8.7	9.4	9.7	9.1	9.7
Fall River	75.5	74.2	75.7	8.7	7.5	8.2	11.5	10.1	10.8
Fitchburg-Leominster	46.3	46.4	47.0	4.6	4.0	4.3	9.9	8.7	9.1
Lawrence-Haverhill	184.5	184.0	187.2	17.7	17.7	18.4	9.6	9.6	9.8
Lowell	149.7	146.2	148.1	13.4	13.8	14.7	9.0	9.4	9.9
New Bedford	84.5	83.1	85.2	9.2	8.8	10.0	10.9	10.8	11.7
Pittsfield	41.9	41.0	41.8	3.8	3.3	3.8	9.0	8.0	9.0
Springfield	254.9	249.7	252.9	21.9	20.2	22.5	8.6	8.1	8.9
Worcester	215.2	209.0	211.7	18.2	16.9	18.0	8.5	8.1	8.5
Michigan¹	4,564.4	4,614.0	4,634.8	411.4	373.7	340.0	9.0	8.1	7.3
Ann Arbor	167.3	165.6	170.2	10.6	7.6	7.0	6.3	4.6	4.1
Battle Creek	63.5	64.9	65.6	5.5	4.8	4.4	8.7	7.4	6.7
Benton Harbor	78.5	79.8	79.5	7.1	6.7	6.0	9.0	8.5	7.6
Detroit	2,120.9	2,116.4	2,132.1	197.0	178.9	161.3	9.3	8.5	7.6
Flint	184.9	186.3	185.8	21.7	21.5	17.9	11.7	11.5	9.7
Grand Rapids	389.3	395.8	398.9	27.5	25.1	22.6	7.1	6.3	5.7
Jackson	63.9	66.4	66.4	6.1	6.2	5.4	9.5	9.3	8.2
Kalamazoo	119.4	121.7	123.1	6.6	6.5	5.9	5.6	5.4	4.8
Lansing-East Lansing	242.1	244.5	246.9	14.4	14.6	12.3	6.0	6.0	5.0
Muskegon	67.0	67.1	66.7	8.0	7.5	6.9	12.0	11.1	10.3
Saginaw-Bay City-Midland	187.8	190.8	191.1	14.6	13.9	12.7	7.8	7.3	6.6
Minnesota	2,393.6	2,445.9	2,436.8	116.8	98.1	115.5	4.9	4.0	4.7
Duluth	114.7	112.8	112.7	6.8	8.2	7.1	5.9	5.5	6.3
Minneapolis-St.Paul	1,403.1	1,422.3	1,420.8	60.8	54.4	59.3	4.3	3.8	4.2
Rochester	65.7	66.2	66.5	2.1	1.7	2.4	3.2	2.6	3.6
St. Cloud	107.9	109.3	109.8	5.6	4.8	5.5	5.2	4.4	5.0
Mississippi	1,156.4	1,180.8	1,183.3	80.3	83.9	72.0	6.9	7.1	6.1
Jackson	197.9	201.1	202.4	9.4	10.9	9.4	4.7	5.4	4.6
Missouri	2,693.7	2,661.9	2,677.6	165.5	146.1	127.6	6.1	5.5	4.8
Kansas City	858.5	857.8	864.7	43.1	39.9	37.4	5.0	4.7	4.3
St. Louis LMA	1,276.9	1,265.7	1,276.3	87.2	68.2	62.2	6.8	5.4	4.9
Springfield	136.0	134.9	136.5	6.5	6.6	5.5	4.8	4.9	4.0
Montana	401.6	406.8	410.9	31.1	22.7	24.4	7.7	5.6	5.9
Nebraska	844.6	857.1	843.2	23.5	24.7	20.8	2.8	2.9	2.5
Lincoln	132.2	133.3	131.9	2.9	3.1	2.4	2.2	2.3	1.8
Omaha	338.9	340.4	336.1	10.7	11.9	10.4	3.1	3.5	3.1
Nevada	656.9	684.3	685.9	36.3	43.2	41.2	5.5	6.3	6.0
Las Vegas	413.3	433.3	435.7	23.9	28.1	26.0	5.8	6.5	6.0
Reno	138.3	143.4	143.7	6.8	8.2	8.2	4.9	5.7	5.7
New Hampshire	624.3	629.4	641.1	46.0	44.4	46.3	7.4	7.0	7.2
Manchester	83.8	84.8	87.0	5.8	6.1	6.2	6.9	7.1	7.1
Nashua	96.6	97.3	100.5	7.4	8.2	8.3	7.6	8.5	8.3
Portsmouth-Dover-Rochester	141.6	134.5	137.9	8.2	7.1	7.5	5.8	5.3	5.4
New Jersey¹	3,965.8	3,971.0	3,960.4	267.8	319.8	331.0	6.8	8.1	8.4
Atlantic City	181.2	186.3	185.1	18.0	19.2	21.1	9.9	10.3	11.4
Bergen-Passaic	681.3	672.2	668.4	42.6	52.6	54.2	6.3	7.6	6.1
Jersey City	270.0	277.7	278.6	23.2	30.4	31.0	8.6	10.9	11.1
Middlesex-Somerset-Hunterdon	584.7	577.9	576.8	31.7	38.0	38.9	5.4	6.6	6.7
Monmouth-Ocean	480.9	488.2	484.5	32.3	36.1	38.0	6.7	7.4	7.8
Newark	924.5	922.6	919.9	63.7	78.0	79.1	6.9	8.5	8.6
Trenton	175.0	175.3	174.7	9.6	10.7	11.3	5.5	6.1	6.5
Vineland-Millville-Bridgeton	62.8	62.3	61.7	7.6	7.3	8.2	12.1	11.7	13.2
New Mexico	718.9	723.4	724.6	43.8	44.5	42.2	6.1	6.2	5.8
Albuquerque	268.6	271.6	272.9	12.0	12.2	10.8	4.5	4.5	4.0
Las Cruces	61.1	61.5	60.5	3.7	4.3	3.7	6.0	7.0	6.1
Santa Fe	73.6	75.6	76.2	2.3	2.3	2.4	3.1	3.0	3.2

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. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
New York¹	8,535.5	8,428.3	8,509.1	660.5	695.1	684.3	7.7	8.2	7.8
Albany-Schenectady-Troy	434.1	430.0	436.7	24.9	23.4	22.7	5.7	5.4	5.2
Binghamton	120.7	117.7	119.5	6.8	7.9	7.6	5.6	6.7	6.4
Buffalo	455.0	451.1	459.2	29.9	29.5	28.5	6.6	6.5	6.2
Elmira	42.5	40.8	41.4	2.8	2.6	2.5	6.7	6.3	6.1
Glens Falls	52.8	52.8	52.9	5.2	4.2	4.7	9.9	8.0	8.9
Nassau-Suffolk	1,332.7	1,315.6	1,328.8	75.0	92.8	83.8	5.6	7.1	6.3
New York	3,972.6	3,915.6	3,940.5	372.9	399.6	380.4	9.4	10.2	9.7
New York City ¹	3,328.0	3,280.0	3,299.0	339.0	361.0	346.0	10.2	11.0	10.5
Orange County	135.8	137.1	139.2	8.3	9.3	8.7	6.1	8.8	6.3
Poughkeepsie	122.0	119.0	120.6	4.9	7.6	7.1	4.0	6.4	5.9
Rochester	511.6	509.1	516.2	24.7	23.9	23.1	4.8	4.7	4.5
Syracuse	324.9	316.6	320.8	21.3	20.3	19.3	6.6	6.4	6.0
Utica-Rome	135.8	133.5	136.0	10.1	8.5	8.8	7.4	6.4	6.5
North Carolina¹	3,469.8	3,534.7	3,546.6	196.2	177.9	206.8	5.7	5.0	5.8
Asheville	94.9	96.8	97.2	4.7	4.0	4.9	5.0	4.2	5.0
Charlotte-Gastonia-Rock Hill	652.3	663.0	667.2	35.7	31.6	36.1	5.5	4.8	5.4
Greensboro-Winston-Salem-High Point	526.1	532.7	534.9	26.2	23.2	26.7	5.0	4.4	5.0
Raleigh-Durham	437.4	442.8	445.3	16.5	15.6	17.9	3.8	3.5	4.0
North Dakota	310.6	313.2	310.4	12.3	13.0	13.6	3.9	4.2	4.4
Bismarck	46.5	45.7	45.8	1.8	1.8	1.9	3.8	3.9	4.2
Fargo-Moorhead	88.2	88.0	87.7	2.7	2.6	2.6	3.1	2.9	3.0
Grand Forks	34.8	34.7	35.0	1.0	1.1	1.3	2.8	3.2	3.7
Ohio¹	5,457.3	5,475.3	5,417.4	290.4	371.0	369.3	5.3	6.8	6.6
Akron	336.7	339.7	336.9	16.9	22.3	22.0	5.0	6.6	6.5
Canton	196.3	195.6	194.2	11.4	14.3	14.8	5.8	7.3	7.6
Cincinnati	786.9	784.9	777.4	36.3	42.7	40.5	4.6	5.4	5.2
Cleveland	947.5	943.1	931.9	45.8	62.0	60.9	4.8	6.6	6.5
Columbus	752.3	756.0	752.0	30.5	39.1	39.7	4.1	5.2	5.3
Dayton-Springfield	478.4	478.2	474.7	22.6	29.0	28.9	4.7	6.1	6.1
Toledo	308.9	306.0	304.7	19.1	20.3	20.9	6.2	6.6	6.9
Youngstown-Warren	221.5	225.3	223.9	13.6	21.7	22.4	6.2	9.6	10.0
Oklahoma	1,515.6	1,524.6	1,527.7	103.7	70.4	69.1	6.8	4.6	4.5
Enid	27.6	28.2	28.7	1.5	.8	.9	5.3	2.8	3.1
Lawton	48.8	51.1	51.4	3.4	2.4	2.2	6.9	4.7	4.4
Oklahoma City	485.9	495.7	495.4	27.6	16.9	18.1	5.7	3.6	3.7
Tulsa	344.6	351.7	351.3	23.5	17.6	17.3	6.8	5.0	4.9
Oregon	1,502.3	1,546.3	1,542.4	90.3	103.7	103.4	6.0	6.7	6.7
Eugene-Springfield	148.1	150.2	149.3	9.3	10.0	9.9	6.2	6.7	6.6
Medford	75.3	78.3	77.6	4.8	5.6	5.5	6.4	7.1	7.1
Portland	700.3	720.0	723.0	34.5	43.3	41.3	4.9	6.0	5.7
Salem	141.0	147.4	146.1	7.9	8.8	9.4	5.6	5.9	6.5
Pennsylvania¹	5,975.4	6,073.7	6,085.0	386.2	430.2	412.4	6.5	7.1	6.8
Allentown-Bethlehem-Easton	340.3	346.1	346.5	21.7	25.6	24.8	6.4	7.4	7.2
Altoona	62.9	63.7	64.2	5.0	5.0	4.9	7.9	7.9	7.6
Beaver County	61.6	63.8	63.3	5.7	6.2	6.1	9.2	9.7	9.6
Erie	137.6	141.2	142.2	10.2	9.8	9.2	7.4	6.9	6.5
Harrisburg-Lebanon-Carlisle	340.3	344.9	345.2	16.9	17.8	16.9	5.0	5.2	4.9
Johnstown	100.7	102.0	101.7	8.7	10.6	10.5	8.6	10.3	10.3
Lancaster	231.5	235.2	233.9	11.6	11.3	11.0	5.0	4.8	4.7
Philadelphia	2,438.2	2,465.7	2,474.9	150.1	178.3	188.1	6.2	7.2	6.8
Pittsburgh	1,017.3	1,036.3	1,043.2	56.0	66.8	65.6	5.7	6.4	6.3
Reading	177.7	176.5	179.3	10.2	12.0	11.2	5.8	6.7	6.3
Scranton-Wilkes-Barre	369.5	377.6	377.8	30.0	34.1	33.0	8.1	9.0	6.7
Sharon	52.5	55.3	54.4	3.6	5.9	6.7	6.8	10.7	12.4
State College	70.7	72.3	71.5	4.3	4.3	4.2	6.0	5.9	5.8
Williamsport	61.1	61.9	61.8	4.3	4.4	4.5	7.0	7.2	7.2
York	227.5	230.4	230.0	12.5	13.4	13.3	5.5	5.8	5.8
Rhode Island	512.3	513.5	520.3	43.9	41.0	41.4	8.6	6.0	8.0
Pawtucket-Woonsocket-Attleboro	165.5	166.3	170.2	14.3	13.1	13.9	8.7	7.9	6.2
Providence	338.9	336.7	342.9	29.0	27.7	27.7	8.6	8.2	8.1
South Carolina	1,738.0	1,767.4	1,758.7	108.5	104.5	103.4	6.1	5.9	5.9
Charleston	241.6	244.7	243.4	12.6	12.8	12.4	5.2	5.2	5.1
Columbia	243.7	246.7	245.6	10.6	11.5	11.3	4.4	4.7	4.6
Greenville-Spartanburg	344.3	349.1	346.0	16.9	16.2	16.1	4.9	4.6	4.6
South Dakota	364.5	364.3	366.2	10.7	9.6	9.7	2.9	2.7	2.6
Rapid City	41.5	41.1	41.1	1.3	1.4	1.2	3.1	3.5	2.9
Sioux Falls	79.7	77.3	78.3	1.8	1.4	1.5	2.3	1.8	1.9

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. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P	Nov. 1991	Oct. 1992	Nov. 1992 ^P
Tennessee	2,424.7	2,471.5	2,476.2	146.8	121.9	129.9	6.1	4.9	5.2
Chattanooga	213.7	217.6	217.8	11.4	11.0	10.7	5.4	5.0	4.9
Johnson City-Kingsport-Bristol	233.3	232.4	231.6	12.6	10.4	11.9	5.4	4.5	5.1
Knoxville	298.4	300.5	302.9	15.6	12.5	14.5	5.2	4.2	4.8
Memphis	471.7	478.9	479.0	25.6	23.3	23.7	5.4	4.9	5.0
Nashville	529.4	538.5	534.5	25.2	21.6	22.1	4.8	4.0	4.1
Texas¹	8,559.5	8,697.4	8,727.0	579.6	593.1	670.7	6.8	6.8	7.7
Abilene	50.6	53.0	52.9	2.8	3.3	3.6	5.5	6.2	6.7
Amarillo	97.0	98.4	97.8	5.0	4.9	5.6	5.2	5.0	5.7
Austin	452.3	460.8	461.2	21.1	20.8	23.8	4.7	4.5	5.2
Beaumont-Port Arthur	174.4	181.4	183.1	13.4	15.1	18.3	7.7	8.3	10.0
Brazoria	94.5	96.4	96.5	6.0	6.8	7.7	6.4	7.0	8.0
Brownsville-Harlingen	109.0	113.7	114.8	13.6	12.9	14.3	12.5	11.4	12.4
Bryan-College Station	65.6	68.0	67.6	2.5	2.3	2.7	3.8	3.4	4.0
Corpus Christi	164.3	167.8	168.2	13.7	14.2	16.2	8.3	8.4	9.6
Dallas	1,433.4	1,443.6	1,445.3	89.2	91.5	102.9	6.2	6.3	7.1
El Paso	250.8	256.1	258.2	26.6	25.2	28.3	10.6	9.9	11.0
Fort Worth-Arlington	729.7	735.5	734.9	47.2	45.9	51.8	6.5	6.2	7.0
Galveston-Texas City	112.2	115.1	117.1	8.1	9.2	10.5	7.3	8.0	8.9
Houston	1,754.0	1,780.0	1,782.7	104.4	120.0	135.5	6.0	6.7	7.6
Killeen-Temple	97.2	102.1	102.7	7.1	7.2	8.2	7.3	7.1	8.0
Laredo	55.5	58.3	58.9	5.2	5.1	6.0	9.4	8.8	10.1
Longview-Marshall	80.2	81.8	81.7	6.6	7.1	7.9	8.2	8.6	9.7
Lubbock	113.9	115.5	115.9	6.6	6.8	7.5	5.8	5.9	6.5
McAllen-Edinburg-Mission	165.7	164.8	169.7	31.2	25.7	28.9	18.9	15.6	17.0
Midland	49.6	49.6	49.7	2.9	3.6	4.0	5.8	7.2	8.0
Odessa	53.7	54.1	54.3	3.9	5.1	5.6	7.3	9.5	10.4
San Angelo	45.2	48.2	46.1	2.6	2.4	2.8	5.7	5.1	6.1
San Antonio	604.2	618.9	620.6	38.1	37.4	40.9	6.3	6.0	6.8
Sherman-Denison	46.4	46.4	46.5	3.0	3.0	3.5	6.5	6.4	7.5
Texarkana	57.0	57.6	57.4	4.2	4.0	4.2	7.3	7.0	7.2
Tyler	74.5	75.6	75.8	5.3	5.4	6.3	7.2	7.1	8.3
Victoria	38.1	38.9	38.9	1.7	2.2	2.5	4.5	5.6	6.4
Waco	92.8	94.9	94.3	5.8	5.7	6.3	6.3	6.0	6.7
Wichita Falls	54.0	54.6	54.7	3.4	3.4	3.9	6.4	6.3	7.1
Utah	612.8	611.2	616.0	38.7	37.7	39.3	4.8	4.6	4.8
Provo-Orem	125.6	121.7	123.1	5.9	4.7	5.4	4.7	3.9	4.4
Salt Lake City-Ogden	523.8	523.6	527.6	23.6	24.1	24.4	4.5	4.6	4.6
Vermont	315.6	317.9	326.1	17.7	15.7	19.0	5.6	4.9	5.8
Burlington	60.5	79.2	81.6	3.1	2.9	3.3	3.8	3.6	4.0
Virginia	3,321.1	3,316.8	3,302.0	192.8	179.8	192.6	5.8	5.4	5.8
Charlottesville	73.6	72.7	71.6	3.4	3.0	3.1	4.7	4.1	4.3
Danville	53.8	53.2	52.5	4.6	3.3	3.9	6.9	6.1	7.4
Lynchburg	77.3	76.4	76.1	4.5	3.8	4.0	5.8	4.9	5.3
Norfolk-Virginia Beach-Newport News	653.6	663.5	661.8	40.1	39.9	43.0	6.1	6.0	6.5
Richmond-Petersburg	477.9	488.2	488.4	26.7	25.6	27.5	5.6	5.5	5.9
Roanoke	131.1	132.0	132.2	6.6	5.7	6.3	5.0	4.3	4.7
Washington	2,476.6	2,590.0	2,606.5	160.9	179.4	202.0	6.5	6.9	7.7
Seattle	1,109.5	1,118.2	1,147.5	54.6	67.6	73.5	4.9	6.0	6.4
West Virginia	765.7	781.7	765.0	82.3	77.0	75.1	10.5	10.1	9.8
Charleston	120.2	117.3	117.3	9.3	9.1	8.8	7.8	7.7	7.5
Huntington-Ashland	134.5	128.3	129.3	12.7	12.0	11.6	9.5	9.3	9.0
Parkersburg-Marietta	73.3	73.3	73.6	5.4	6.2	6.3	7.3	8.4	8.6
Wheeling	72.7	71.8	71.6	5.5	5.8	6.1	7.6	8.1	8.5
Wisconsin	2,598.8	2,670.5	2,680.1	128.5	126.6	102.5	4.9	4.7	3.8
Appleton-Oshkosh-Neenah	175.1	166.3	187.1	6.1	9.2	8.4	4.6	4.9	4.5
Eau Claire	71.4	74.5	75.3	3.3	3.6	3.7	4.7	5.2	4.9
Green Bay	114.6	116.3	120.4	4.9	5.3	5.0	4.3	4.4	4.2
Janesville-Beloit	72.6	73.5	72.7	4.4	5.4	2.9	6.0	7.3	4.0
Kenosha	56.5	58.2	58.3	2.4	2.9	2.1	4.3	5.0	3.7
La Crosse	56.3	57.7	58.1	2.6	2.3	1.5	5.1	3.9	2.6
Madison	232.2	238.3	243.9	6.8	5.1	5.2	2.9	2.2	2.1
Milwaukee	747.6	760.5	768.6	29.1	31.8	23.6	3.9	4.2	3.1
Racine	87.1	86.2	87.1	5.1	4.2	4.1	5.8	4.9	4.7
Sheboygan	57.9	61.3	61.2	2.5	3.6	2.8	4.4	5.9	4.6
Wausau	66.1	66.3	67.4	4.2	3.6	3.9	6.4	5.7	5.8
Wyoming	236.0	238.9	236.4	12.5	10.1	10.5	5.3	4.2	4.4
Casper	31.3	31.2	31.2	1.9	1.9	1.8	6.0	6.0	5.6

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. Estimates for 1991 have been

benchmarked to 1991 Current Population Survey annual averages. Estimates for 1992 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, 1929 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									
1929	(¹)	49,180	(¹)	47,630	10,450	37,180	1,550	3.2	(¹)
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	6,020	15.9	(¹)
1932	(¹)	51,000	(¹)	38,940	10,170	28,770	12,060	23.6	(¹)
1933	(¹)	51,590	(¹)	36,760	10,090	26,670	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	99,640	55,640	55.7	47,520	9,540	37,980	6,120	14.6	44,200
1941	99,900	55,910	56.0	50,350	9,100	41,250	5,560	9.9	43,990
1942	98,640	56,410	57.2	53,750	9,250	44,500	2,660	4.7	42,230
1943	94,640	55,540	58.7	54,470	9,080	45,390	1,070	1.9	39,100
1944	93,220	54,630	58.6	53,960	8,950	45,010	670	1.2	38,590
1945	94,090	53,860	57.2	52,820	8,580	44,240	1,040	1.9	40,230
1946	103,070	57,520	55.8	55,250	8,320	46,930	2,270	3.9	45,550
1947	106,018	60,168	56.8	57,812	8,256	49,557	2,356	3.9	45,850
Persons 16 years of age and over									
1947	101,827	59,350	58.3	57,038	7,890	49,148	2,311	3.9	42,477
1948	103,068	60,621	58.8	58,343	7,629	50,714	2,276	3.8	42,447
1949	103,994	61,286	58.9	57,651	7,658	49,993	3,637	5.9	42,708
1950	104,995	62,208	59.2	58,916	7,160	51,756	3,288	5.3	42,787
1951	104,621	62,017	59.2	59,961	6,726	53,235	2,055	3.3	42,604
1952	105,231	62,136	59.0	60,250	6,500	53,749	1,863	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	2,659	4.3	45,336
1958	113,727	67,639	59.5	63,036	5,586	57,450	4,602	8.8	46,088
1959	115,329	68,369	59.3	64,630	5,565	59,065	3,740	5.5	46,960
1960 ²	117,245	69,628	59.4	65,776	5,458	60,316	3,852	5.5	47,617
1961	118,771	70,459	59.3	65,748	5,200	60,546	4,714	6.7	48,312
1962 ²	120,153	70,614	58.8	66,702	4,944	61,759	3,911	5.5	49,539
1963	122,416	71,833	58.7	67,782	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	71,068	4,381	66,726	3,366	4.5	52,058
1966	128,058	75,770	59.2	72,895	3,979	68,915	2,675	3.8	52,288
1967	129,874	77,347	59.6	74,372	3,844	70,527	2,975	3.8	52,527
1968	132,028	78,737	59.6	75,920	3,817	72,103	2,817	3.6	53,291
1969	134,335	80,734	60.1	77,902	3,606	74,296	2,832	3.5	53,602
1970	137,085	82,771	60.4	78,878	3,463	75,215	4,093	4.9	54,315
1971	140,216	84,382	60.2	79,367	3,394	75,972	5,016	5.9	55,834
1972 ²	144,126	87,034	60.4	82,153	3,484	78,669	4,882	5.6	57,091
1973 ²	147,096	89,429	60.8	85,084	3,470	81,594	4,365	4.9	57,667
1974	150,120	91,949	61.3	86,794	3,515	83,279	5,158	5.6	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	61.8	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	96,824	3,347	95,477	6,137	5.8	59,900
1980	167,745	106,940	63.8	99,303	3,364	95,938	7,837	7.1	60,806
1981	170,130	108,870	63.9	100,397	3,388	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	62,087
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	178,208	115,461	64.8	107,150	3,179	103,971	8,312	7.2	62,744
1986 ²	180,567	117,634	65.3	109,597	3,163	106,434	8,237	7.0	62,752
1987	182,753	119,665	65.6	112,440	3,208	109,232	7,425	6.2	62,888
1988	184,613	121,669	65.9	114,968	3,169	111,800	6,701	5.5	62,944
1989	186,393	123,869	66.5	117,342	3,199	114,142	6,528	5.3	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	64,482
1992	191,576	126,982	66.3	117,598	3,207	114,391	9,384	7.4	64,593

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, 1960 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									
1960 ¹	55,662	48,388	83.3	43,904	4,472	39,431	2,466	5.4	9,274
1961	56,286	48,653	82.9	43,656	4,298	39,359	2,997	8.4	8,633
1962 ¹	56,831	48,600	82.0	44,177	4,069	40,108	2,423	5.2	10,231
1963	57,921	47,129	81.4	44,657	3,609	40,849	2,472	5.2	10,792
1964	58,847	47,879	81.0	45,474	3,891	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	48,919	3,243	43,675	1,551	3.2	11,792
1967	60,905	48,987	80.4	47,479	3,184	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	48,618	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	52,180	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	2,847	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	58,398	77.7	54,728	2,671	52,057	3,667	6.3	16,797
1978 ¹	76,576	59,820	77.9	56,479	2,718	53,761	3,142	5.3	16,956
1979	78,020	60,726	77.8	57,807	2,666	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	56,271	2,736	53,534	6,179	9.9	19,073
1983	82,531	63,047	76.4	56,787	2,704	54,083	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	84,469	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	20,930
1989	88,762	67,640	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	63,605	2,534	61,270	5,380	7.8	22,356
Women									
1960 ¹	81,562	23,240	37.7	21,874	986	20,887	1,366	5.9	38,343
1961	82,484	23,806	38.1	22,090	902	21,187	1,717	7.2	38,679
1962 ¹	83,321	24,014	37.9	22,525	875	21,651	1,488	6.2	39,308
1963	84,494	24,704	38.3	23,105	878	22,227	1,596	6.5	39,791
1964	85,637	25,412	38.7	23,831	832	23,000	1,581	6.2	40,225
1965	86,731	26,200	39.3	24,748	814	23,934	1,452	5.5	40,531
1966	87,795	27,299	40.3	25,976	736	25,240	1,324	4.8	40,496
1967	88,968	28,360	41.1	26,893	680	26,212	1,466	5.2	40,608
1968	90,179	29,204	41.6	27,807	660	27,147	1,397	4.8	40,976
1969	91,436	30,513	42.7	29,084	643	28,441	1,429	4.7	40,924
1970	92,782	31,543	43.3	29,688	601	29,087	1,855	5.9	41,239
1971	94,274	32,202	43.4	29,976	599	29,377	2,227	6.9	42,072
1972 ¹	95,290	33,479	43.9	31,257	635	30,622	2,222	6.6	42,811
1973 ¹	96,312	34,804	44.7	32,715	622	32,093	2,089	6.0	43,000
1974	97,312	36,211	45.7	33,769	596	33,173	2,441	6.7	43,101
1975	98,660	37,475	46.3	33,989	584	33,404	3,486	9.3	43,386
1976	99,990	38,983	47.3	35,615	588	35,027	3,369	8.6	43,406
1977	101,340	40,613	48.4	37,289	612	36,677	3,324	8.2	43,227
1978 ¹	102,714	42,631	50.0	39,569	669	38,900	3,061	7.2	42,703
1979	104,164	44,235	50.9	41,217	661	40,556	3,018	6.8	42,608
1980	105,694	45,467	51.5	42,117	656	41,461	3,370	7.4	42,861
1981	107,304	46,896	52.1	43,000	667	42,333	3,896	7.9	42,922
1982	108,994	47,755	52.6	43,256	665	42,591	4,499	9.4	42,993
1983	110,764	48,503	52.9	44,047	680	43,367	4,457	9.2	43,181
1984	112,614	49,709	53.6	45,915	853	45,062	3,794	7.8	43,068
1985	114,544	51,050	54.5	47,259	844	46,415	3,791	7.4	42,686
1986 ¹	116,554	52,413	55.3	48,706	852	48,054	3,707	7.1	42,378
1987	118,644	53,658	56.0	50,334	866	49,468	3,324	6.2	42,195
1988	120,814	54,742	56.8	51,896	876	51,020	3,046	5.6	42,014
1989	123,064	56,030	57.4	53,027	887	52,140	3,003	5.4	41,601
1990	125,394	56,554	57.5	53,479	879	52,600	3,075	5.4	41,845
1991	127,804	56,893	57.3	53,284	882	52,402	3,609	6.3	42,321
1992	130,294	57,798	57.8	53,793	873	52,920	4,005	6.9	42,237

¹ 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**

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

(Numbers in thousands)

Age, sex, and race	1992										
	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	191,576	126,982	66.3	117,598	9,384	7.4	64,593	24,915	7,786	3,783	26,109
16 to 19 years	13,161	6,751	51.3	5,398	1,352	20.0	6,411	451	4,602	25	1,132
16 to 17 years	6,617	2,662	40.2	2,050	612	23.0	3,955	132	3,159	7	657
18 to 19 years	6,544	4,089	62.5	3,349	740	18.1	2,455	319	1,643	18	475
20 to 24 years	17,770	13,703	77.1	12,157	1,546	11.3	4,067	1,360	1,806	104	797
25 to 54 years	108,847	91,097	83.7	85,350	5,747	6.3	17,750	11,197	1,135	1,637	3,781
25 to 34 years	41,885	35,103	83.8	32,441	2,662	7.6	6,783	4,437	721	364	1,261
25 to 29 years	19,701	16,477	83.6	15,143	1,334	8.1	3,224	2,033	449	141	601
30 to 34 years	22,184	18,828	84.0	17,298	1,328	7.1	3,558	2,404	272	223	660
35 to 44 years	39,467	33,603	85.1	31,662	1,941	5.8	5,864	3,752	317	582	1,213
35 to 39 years	20,920	17,731	84.8	16,828	1,103	8.2	3,190	2,111	187	275	617
40 to 44 years	18,546	15,872	85.6	15,034	838	5.3	2,674	1,641	130	308	596
45 to 54 years	27,495	22,391	81.4	21,246	1,145	5.1	5,104	3,008	97	691	1,307
45 to 49 years	15,254	12,782	83.8	12,146	636	5.0	2,472	1,482	66	342	580
50 to 54 years	12,241	9,609	78.5	9,100	509	5.3	2,631	1,526	29	349	727
55 to 64 years	21,091	11,870	56.3	11,267	603	5.1	9,221	3,878	29	607	4,507
55 to 59 years	10,604	7,146	67.4	6,792	354	4.9	3,457	1,714	22	416	1,305
60 to 64 years	10,488	4,724	45.0	4,474	250	5.3	5,764	2,164	7	391	3,202
65 years and over	30,707	3,562	11.6	3,427	135	3.8	27,145	8,030	14	1,210	17,890
65 to 89 years	10,049	2,078	20.7	1,990	87	4.2	7,973	2,451	7	287	5,229
70 to 74 years	8,402	938	11.2	906	33	3.5	7,483	2,179	3	254	5,027
75 years and over	12,256	547	4.5	531	16	2.9	11,709	3,400	4	889	7,635
Men											
16 years and over	91,541	69,184	75.6	63,805	5,380	7.8	22,356	562	3,840	2,055	15,880
16 to 19 years	6,650	3,547	53.3	2,788	761	21.5	3,103	33	2,455	17	598
16 to 17 years	3,384	1,393	41.1	1,052	340	24.4	1,992	17	1,829	4	342
18 to 19 years	3,266	2,154	66.0	1,733	421	19.5	1,112	16	826	13	256
20 to 24 years	8,697	7,242	83.3	6,357	884	12.2	1,455	39	923	66	427
25 to 54 years	53,330	49,618	93.0	46,340	3,278	6.6	3,711	274	448	1,020	1,968
25 to 34 years	20,626	19,355	93.8	17,847	1,508	7.8	1,271	92	314	242	624
25 to 29 years	9,676	9,016	93.2	8,257	759	8.4	660	44	223	94	300
30 to 34 years	10,950	10,339	94.4	9,590	749	7.2	611	48	91	148	325
35 to 44 years	19,369	18,162	93.8	17,067	1,095	6.0	1,207	109	107	370	621
35 to 39 years	10,299	9,697	94.2	9,073	624	6.4	601	60	58	174	309
40 to 44 years	9,071	8,465	93.3	7,994	472	5.6	606	49	49	196	312
45 to 54 years	13,334	12,101	90.8	11,426	675	5.6	1,233	74	27	409	723
45 to 49 years	7,426	6,645	92.2	6,474	371	5.4	581	38	19	213	311
50 to 54 years	5,908	5,256	89.0	4,952	304	5.8	652	36	9	195	412
55 to 64 years	10,005	8,701	87.0	8,314	387	5.8	3,304	71	9	477	2,747
55 to 59 years	5,081	4,009	78.9	3,782	227	5.7	1,073	31	5	252	785
60 to 64 years	4,924	2,693	54.7	2,532	160	6.0	2,232	40	4	226	1,962
65 years and over	12,859	2,077	16.1	2,008	89	3.3	10,782	165	5	474	10,139
65 to 69 years	4,590	1,190	25.9	1,142	48	4.0	3,400	44	3	154	3,199
70 to 74 years	3,683	553	15.0	541	13	2.3	3,130	45	1	104	2,980
75 years and over	4,585	333	7.3	325	8	2.4	4,253	76	1	216	3,959
Women											
16 years and over	100,035	57,798	57.8	53,793	4,005	6.9	42,237	24,334	3,946	1,726	12,229
16 to 19 years	6,511	3,204	49.2	2,613	591	16.5	3,307	418	2,347	8	534
16 to 17 years	3,233	1,289	39.3	997	272	21.4	1,964	115	1,530	3	315
18 to 19 years	3,278	1,935	59.0	1,615	319	16.5	1,344	303	617	5	219
20 to 24 years	9,073	6,461	71.2	5,799	662	10.2	2,612	1,321	883	37	370
25 to 54 years	55,517	41,478	74.7	39,010	2,469	6.0	14,039	10,922	887	617	1,813
25 to 34 years	21,259	15,748	74.1	14,594	1,154	7.3	5,511	4,345	408	122	636
25 to 29 years	10,025	7,461	74.4	6,886	575	7.7	2,564	1,989	226	47	301
30 to 34 years	11,235	8,287	73.8	7,708	579	7.0	2,947	2,356	181	75	335
35 to 44 years	20,097	15,441	76.8	14,595	845	5.5	4,657	3,643	210	212	592
35 to 39 years	10,622	8,034	75.6	7,555	479	6.0	2,588	2,051	129	101	308
40 to 44 years	9,476	7,407	78.2	7,041	366	4.9	2,068	1,592	81	112	264
45 to 54 years	14,160	10,290	72.7	9,820	470	4.6	3,871	2,934	70	282	585
45 to 49 years	7,828	5,937	75.8	5,672	265	4.5	1,892	1,445	49	128	270
50 to 54 years	6,332	4,353	68.7	4,148	205	4.7	1,979	1,490	21	154	315
55 to 64 years	11,086	5,169	46.8	4,953	216	4.2	5,917	3,807	20	330	1,761
55 to 59 years	5,522	3,138	56.8	3,011	127	4.0	2,385	1,683	17	164	520
60 to 64 years	5,563	2,031	36.5	1,942	89	4.4	3,532	2,123	3	165	1,240
65 years and over	17,848	1,485	8.3	1,419	66	4.5	16,362	7,866	9	736	7,751
65 to 69 years	5,459	886	16.2	847	38	4.3	4,573	2,407	4	133	2,029
70 to 74 years	4,718	385	8.2	365	20	5.2	4,333	2,135	2	150	2,047
75 years and over	7,670	214	2.8	206	8	3.6	7,456	3,324	3	453	3,675

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

(Numbers in thousands)

Age, sex, and race	1992										
	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	162,658	108,526	66.7	101,479	7,047	6.5	54,132	21,312	5,788	2,866	24,165
16 to 19 years	10,506	5,744	54.7	4,761	983	17.1	4,762	327	3,590	18	827
16 to 17 years	5,276	2,304	43.7	1,840	464	20.1	2,971	103	2,371	5	492
18 to 19 years	5,231	3,440	65.8	2,921	519	15.1	1,790	223	1,220	13	334
20 to 24 years	14,534	11,539	79.4	10,455	1,084	9.4	2,995	1,017	1,355	80	543
25 to 54 years	91,931	77,665	84.5	73,307	4,358	5.6	14,265	9,340	810	1,213	2,902
25 to 34 years	34,887	29,539	84.7	27,586	1,954	6.6	5,328	3,629	509	262	929
25 to 29 years	16,316	13,847	64.9	12,875	972	7.0	2,469	1,626	314	100	431
30 to 34 years	18,551	15,693	84.6	14,711	982	6.3	2,859	2,003	195	162	498
35 to 44 years	33,445	28,715	85.9	27,231	1,484	5.2	4,730	3,148	227	426	931
35 to 39 years	17,845	15,081	85.5	14,249	832	5.5	2,564	1,770	130	197	467
40 to 44 years	15,799	13,633	86.3	12,982	651	4.8	2,166	1,375	97	229	464
45 to 54 years	23,619	19,411	82.2	18,490	921	4.7	4,207	2,566	74	525	1,042
45 to 49 years	13,153	11,109	84.5	10,599	510	4.8	2,045	1,258	52	269	466
50 to 54 years	10,465	8,303	79.3	7,891	411	5.0	2,163	1,308	22	257	576
55 to 64 years	18,247	10,377	56.9	9,874	503	4.8	7,870	3,344	22	600	3,904
55 to 59 years	9,108	6,216	68.3	5,925	291	4.7	2,890	1,471	15	308	1,097
60 to 64 years	9,140	4,180	45.5	3,949	211	5.1	4,980	1,873	6	294	2,807
65 years and over	27,440	3,201	11.7	3,082	118	3.7	24,239	7,284	11	955	15,990
65 to 69 years	8,880	1,857	20.9	1,780	77	4.1	7,023	2,192	6	213	4,612
70 to 74 years	7,466	848	11.3	821	27	3.2	6,638	1,969	2	197	4,470
75 years and over	11,074	496	4.5	481	14	2.9	10,578	3,123	3	545	6,907
Men											
16 years and over	78,351	59,830	76.4	55,709	4,121	8.9	18,521	399	2,870	1,585	13,668
16 to 19 years	5,320	3,019	56.7	2,464	555	18.4	2,301	18	1,838	11	434
16 to 17 years	2,703	1,210	44.7	952	256	21.3	1,494	10	1,226	2	255
18 to 19 years	2,616	1,809	69.1	1,512	297	16.4	808	8	612	9	178
20 to 24 years	7,159	6,097	85.2	5,462	634	10.4	1,063	20	712	49	282
25 to 54 years	45,635	42,927	94.1	40,377	2,550	5.9	2,708	176	309	767	1,458
25 to 34 years	17,393	16,510	94.9	15,384	1,146	6.9	883	56	217	170	440
25 to 29 years	8,111	7,858	94.4	7,084	574	7.5	454	25	157	83	208
30 to 34 years	9,281	8,852	95.4	8,280	572	6.5	429	31	59	107	232
35 to 44 years	16,643	15,765	94.7	14,907	856	5.4	877	72	73	277	456
35 to 39 years	8,811	8,379	95.1	7,894	484	5.8	432	43	38	127	224
40 to 44 years	7,832	7,367	94.3	7,013	374	5.1	445	30	34	150	232
45 to 54 years	11,600	10,852	91.8	10,106	546	5.1	948	47	19	321	560
45 to 49 years	6,481	6,034	93.1	5,736	298	4.9	447	23	14	170	240
50 to 54 years	5,119	4,618	90.2	4,370	248	5.4	500	24	6	151	319
55 to 64 years	8,720	5,906	67.7	5,564	322	5.5	2,614	53	8	370	2,362
55 to 59 years	4,388	3,514	80.1	3,328	187	5.3	873	23	5	189	657
60 to 64 years	4,332	2,392	55.2	2,256	136	5.7	1,941	31	4	181	1,725
65 years and over	11,517	1,881	16.3	1,822	59	3.1	9,636	131	3	388	9,114
65 to 69 years	4,057	1,070	26.4	1,027	43	4.0	2,987	34	2	117	2,834
70 to 74 years	3,307	507	15.3	497	10	1.9	2,800	35	-	85	2,879
75 years and over	4,154	304	7.3	298	7	2.3	3,849	62	1	186	3,801
Women											
16 years and over	84,307	46,898	57.8	45,770	2,926	8.0	35,810	20,913	2,918	1,281	10,498
16 to 19 years	5,186	2,726	52.6	2,297	429	15.7	2,460	308	1,752	7	393
16 to 17 years	2,572	1,095	42.6	888	206	18.9	1,478	93	1,145	3	297
18 to 19 years	2,614	1,631	62.4	1,409	222	13.6	983	215	608	4	156
20 to 24 years	7,375	5,442	73.8	4,993	450	6.3	1,933	998	643	31	261
25 to 54 years	46,295	34,738	75.0	32,930	1,808	5.2	11,558	9,165	501	446	1,446
25 to 34 years	17,475	13,029	74.6	12,222	907	8.2	4,445	3,573	292	92	489
25 to 29 years	8,205	8,189	99.8	7,791	398	8.4	2,016	1,600	157	37	222
30 to 34 years	9,270	8,840	95.3	8,431	409	8.0	2,429	1,972	135	55	266
35 to 44 years	16,602	12,949	77.1	12,324	625	4.8	3,853	3,073	155	149	475
35 to 39 years	8,834	8,702	97.5	8,354	348	5.2	2,132	1,728	92	70	243
40 to 44 years	7,967	8,247	103.4	8,970	277	4.4	1,721	1,346	63	79	233
45 to 54 years	12,019	8,759	72.9	8,384	375	4.3	3,280	2,519	54	204	482
45 to 49 years	8,672	5,075	58.5	4,863	212	4.2	1,597	1,235	39	98	226
50 to 54 years	5,347	3,685	68.9	3,521	163	4.4	1,662	1,284	16	106	257
55 to 64 years	9,527	4,471	46.9	4,291	180	4.0	5,056	3,291	13	230	1,522
55 to 59 years	4,719	2,702	57.3	2,597	105	3.9	2,017	1,448	11	118	440
60 to 64 years	4,808	1,769	36.8	1,893	78	4.3	3,040	1,842	3	113	1,082
65 years and over	15,923	1,319	8.3	1,260	59	4.5	14,603	7,152	8	567	6,878
65 to 69 years	4,823	787	16.3	753	34	4.3	4,036	2,158	4	95	1,778
70 to 74 years	4,180	341	8.2	324	17	5.1	3,839	1,933	2	113	1,791
75 years and over	6,920	191	2.8	184	7	3.9	6,729	3,061	2	359	3,307

**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	1992										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
BLACK											
16 years and over	21,958	13,891	63.3	11,933	1,958	14.1	8,067	2,687	1,397	817	3,166
16 to 19 years	2,074	787	37.9	474	313	39.8	1,287	105	923	7	253
16 to 17 years	1,050	276	26.3	152	124	44.8	774	25	613	2	135
18 to 19 years	1,025	511	49.9	321	190	37.1	514	80	311	5	118
20 to 24 years	2,493	1,683	67.5	1,281	401	23.9	810	290	289	21	210
25 to 54 years	12,599	10,017	79.5	8,857	1,159	11.6	2,582	1,307	177	377	721
25 to 34 years	5,324	4,251	79.9	3,649	602	14.2	1,072	596	110	92	275
25 to 29 years	2,590	2,032	78.4	1,718	313	15.4	558	316	67	36	140
30 to 34 years	2,733	2,219	81.2	1,931	289	13.0	514	281	43	56	134
35 to 44 years	4,458	3,623	81.3	3,243	380	10.5	833	406	55	142	230
35 to 39 years	2,447	1,982	81.0	1,752	230	11.6	465	229	37	71	127
40 to 44 years	2,009	1,641	81.7	1,491	150	9.1	368	178	18	71	102
45 to 54 years	2,820	2,143	76.0	1,985	177	8.3	677	304	12	144	217
45 to 49 years	1,515	1,192	78.7	1,094	99	8.3	323	154	10	62	96
50 to 54 years	1,304	950	72.8	872	78	8.2	354	150	3	81	121
55 to 64 years	2,170	1,124	51.8	1,054	70	6.2	1,048	386	6	180	474
55 to 59 years	1,140	690	60.5	648	42	6.1	450	178	6	94	172
60 to 64 years	1,030	434	42.2	406	28	8.5	596	207	1	85	302
65 years and over	2,622	280	10.7	266	14	4.9	2,342	601	2	231	1,508
65 to 69 years	912	166	18.2	158	8	4.8	746	204	1	67	475
70 to 74 years	743	72	9.7	67	5	6.9	672	166	-	51	453
75 years and over	967	42	4.4	41	1	2.0	924	230	1	113	580
Men											
16 years and over	9,868	6,892	69.7	5,846	1,046	15.2	2,997	150	651	417	1,778
16 to 19 years	1,030	419	40.7	243	176	42.0	611	12	458	8	135
16 to 17 years	530	146	27.5	77	89	47.5	384	5	306	2	71
18 to 19 years	500	273	54.7	166	107	39.1	227	7	152	4	64
20 to 24 years	1,157	872	75.4	658	214	24.5	285	16	133	16	120
25 to 54 years	5,857	4,888	86.1	4,267	601	12.3	788	82	59	225	423
25 to 34 years	2,410	2,121	88.0	1,820	302	14.2	289	31	40	85	154
25 to 29 years	1,170	1,024	87.5	866	158	15.4	146	17	26	27	75
30 to 34 years	1,241	1,098	88.5	954	144	13.1	143	13	14	36	78
35 to 44 years	1,999	1,729	86.5	1,534	194	11.2	271	30	17	85	139
35 to 39 years	1,100	958	87.1	642	117	12.2	142	14	10	44	75
40 to 44 years	899	770	85.7	693	78	10.1	129	16	7	41	64
45 to 54 years	1,248	1,018	81.6	913	105	10.3	229	21	3	75	131
45 to 49 years	876	569	64.9	509	60	10.5	107	12	2	36	58
50 to 54 years	572	450	78.7	404	45	10.1	122	9	1	39	73
55 to 64 years	980	586	59.8	539	47	8.0	394	13	-	92	288
55 to 59 years	523	354	67.7	326	28	7.9	169	7	-	55	108
60 to 64 years	457	232	50.8	213	19	8.3	225	6	-	38	181
65 years and over	1,064	148	13.7	139	7	4.9	918	27	1	78	812
65 to 69 years	416	90	21.7	86	4	4.8	326	7	-	32	286
70 to 74 years	307	34	10.9	31	2	6.9	274	9	-	18	246
75 years and over	341	22	6.4	21	1	2.4	319	11	-	28	279
Women											
16 years and over	12,069	6,999	58.0	6,087	912	13.0	5,070	2,537	747	399	1,387
16 to 19 years	1,044	366	35.2	231	137	37.2	678	92	465	1	118
16 to 17 years	520	130	25.0	78	54	41.7	390	19	306	-	64
18 to 19 years	525	238	45.3	155	83	34.8	287	73	159	1	54
20 to 24 years	1,335	811	60.7	623	187	23.1	525	274	156	5	89
25 to 54 years	6,942	5,148	74.2	4,590	558	10.8	1,794	1,225	118	153	298
25 to 34 years	2,913	2,130	73.1	1,830	300	14.1	783	565	70	27	121
25 to 29 years	1,421	1,008	71.0	853	156	15.4	412	298	41	8	65
30 to 34 years	1,493	1,122	75.1	977	145	12.9	371	267	29	18	56
35 to 44 years	2,457	1,894	77.1	1,709	186	9.8	582	376	38	57	91
35 to 39 years	1,346	1,024	76.0	910	113	11.1	323	215	27	28	53
40 to 44 years	1,111	871	78.4	798	73	8.3	240	181	11	29	38
45 to 54 years	1,572	1,124	71.5	1,052	72	6.4	448	283	9	69	86
45 to 49 years	839	624	74.3	585	39	8.3	216	142	8	27	39
50 to 54 years	733	501	68.3	487	33	6.6	232	141	1	42	46
55 to 64 years	1,190	538	45.2	515	23	4.2	652	373	6	87	186
55 to 59 years	816	336	54.5	322	14	4.2	281	172	6	40	64
60 to 64 years	573	202	35.2	193	9	4.4	371	201	1	48	122
65 years and over	1,558	134	8.6	128	7	4.9	1,424	573	1	153	696
65 to 69 years	496	76	15.3	72	4	4.8	420	196	-	35	186
70 to 74 years	436	38	8.8	36	3	7.0	398	158	-	33	207
75 years and over	626	20	3.2	20	-	1.4	606	219	1	85	301

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

(Numbers in thousands)

Age and sex	1992								Not in labor force
	Civilian noninstitutional population	Civilian labor force							
		Total	Percent of population	Employed			Unemployed		
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL									
16 years and over	28,918	18,456	63.8	16,119	220	15,899	2,337	12.7	10,462
16 to 19 years	2,655	1,006	37.9	637	8	629	369	36.7	1,649
16 to 17 years	1,342	356	26.7	209	4	205	148	41.5	984
18 to 19 years	1,313	649	49.4	428	4	424	221	34.0	665
20 to 24 years	3,236	2,164	66.9	1,702	18	1,684	462	21.4	1,071
25 to 54 years	16,916	13,431	79.4	12,043	144	11,898	1,389	10.3	3,485
25 to 34 years	7,018	5,563	79.3	4,855	56	4,799	708	12.7	1,455
25 to 29 years	3,385	2,630	77.7	2,268	21	2,247	362	13.8	755
30 to 34 years	3,633	2,933	80.7	2,587	35	2,552	347	11.8	700
35 to 44 years	6,022	4,888	81.2	4,431	50	4,382	457	9.3	1,134
35 to 39 years	3,275	2,650	80.9	2,379	28	2,352	270	10.2	625
40 to 44 years	2,747	2,239	81.5	2,052	22	2,030	187	8.3	508
45 to 54 years	3,876	2,980	76.9	2,756	39	2,717	224	7.5	896
45 to 49 years	2,101	1,673	79.6	1,547	22	1,525	126	7.5	428
50 to 54 years	1,775	1,306	73.6	1,209	17	1,192	98	7.5	469
55 to 64 years	2,844	1,493	52.5	1,393	28	1,365	100	6.7	1,351
55 to 59 years	1,497	930	62.1	867	14	854	62	6.7	568
60 to 64 years	1,347	564	41.8	525	14	511	38	6.8	764
65 years and over	3,267	361	11.1	344	21	323	17	4.7	2,905
65 to 69 years	1,169	219	18.8	210	11	198	10	4.5	950
70 to 74 years	915	90	9.9	85	7	78	6	6.3	825
75 years and over	1,182	51	4.3	50	3	47	1	2.9	1,131
Men									
16 years and over	13,189	9,355	70.9	8,096	189	7,907	1,259	13.5	3,835
16 to 19 years	1,330	528	39.7	322	8	314	206	39.1	802
16 to 17 years	681	183	26.9	100	4	97	83	45.1	498
18 to 19 years	649	345	53.2	221	4	217	124	35.9	304
20 to 24 years	1,538	1,145	74.5	895	17	878	250	21.8	393
25 to 54 years	7,694	6,891	87.0	5,963	122	5,841	728	10.9	1,004
25 to 34 years	3,234	2,845	88.0	2,483	48	2,435	362	12.7	389
25 to 29 years	1,565	1,358	86.8	1,173	18	1,155	185	13.6	207
30 to 34 years	1,668	1,487	89.1	1,310	30	1,280	177	11.9	182
35 to 44 years	2,726	2,397	87.9	2,160	42	2,118	237	9.9	330
35 to 39 years	1,488	1,318	88.8	1,179	24	1,155	139	10.6	169
40 to 44 years	1,239	1,078	87.0	981	18	962	98	9.0	160
45 to 54 years	1,734	1,449	83.6	1,320	31	1,289	129	8.9	285
45 to 49 years	945	811	85.9	738	16	722	73	9.0	133
50 to 54 years	790	638	80.8	582	15	567	56	8.8	152
55 to 64 years	1,286	795	61.9	730	24	706	65	8.2	490
55 to 59 years	694	494	71.3	454	12	442	40	8.1	199
60 to 64 years	592	301	50.8	276	12	264	25	8.2	291
65 years and over	1,342	195	14.5	186	18	168	10	4.9	1,146
65 to 69 years	533	121	22.6	115	10	105	5	4.5	412
70 to 74 years	377	46	12.3	43	5	38	3	6.4	331
75 years and over	432	28	6.6	27	2	25	1	(¹)	403
Women									
16 years and over	15,729	9,102	57.9	8,023	31	7,992	1,079	11.8	6,627
16 to 19 years	1,325	478	36.1	318	1	315	163	34.0	847
16 to 17 years	661	175	26.5	109	-	109	66	37.6	486
18 to 19 years	664	303	45.7	206	-	206	97	31.9	361
20 to 24 years	1,698	1,019	60.0	807	1	806	212	20.8	679
25 to 54 years	9,222	6,740	73.1	6,080	23	6,057	861	9.8	2,481
25 to 34 years	3,784	2,718	71.8	2,372	8	2,365	346	12.7	1,066
25 to 29 years	1,820	1,272	69.9	1,095	3	1,092	176	13.9	548
30 to 34 years	1,965	1,447	73.6	1,277	5	1,272	170	11.7	518
35 to 44 years	3,296	2,492	75.6	2,272	8	2,264	220	8.8	804
35 to 39 years	1,787	1,331	74.5	1,200	4	1,197	131	9.8	456
40 to 44 years	1,508	1,160	78.9	1,071	4	1,067	89	7.7	348
45 to 54 years	2,141	1,530	71.5	1,436	7	1,429	94	8.2	611
45 to 49 years	1,156	862	74.8	809	6	803	53	6.1	294
50 to 54 years	985	869	87.8	627	2	626	41	6.2	317
55 to 64 years	1,559	696	44.8	662	4	659	36	5.1	861
55 to 59 years	804	435	54.2	413	2	412	22	5.1	368
60 to 64 years	755	263	34.8	249	2	247	14	5.2	493
65 years and over	1,925	166	8.6	159	3	156	7	4.5	1,759
65 to 69 years	636	99	15.5	94	1	94	4	4.4	538
70 to 74 years	538	44	8.2	41	2	40	3	6.3	494
75 years and over	750	23	3.1	23	-	23	-	(¹)	727

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	
	1991	1992	1991	1992	1991	1992	1991	1992
TOTAL								
Civilian noninstitutional population	189,765	191,576	83,806	84,891	92,584	93,524	13,376	13,161
Civilian labor force	125,303	126,982	64,822	65,638	53,563	54,594	6,918	6,751
Percent of population	66.0	66.3	77.3	77.3	57.9	58.4	51.7	51.3
Employed	118,877	117,598	60,714	61,019	50,535	51,181	5,628	5,398
Agriculture	3,233	3,207	2,358	2,355	842	627	233	225
Nonagricultural industries	113,644	114,391	58,358	58,664	49,893	50,553	5,395	5,174
Unemployed	8,426	9,384	4,109	4,619	3,028	3,413	1,290	1,352
Unemployment rate	8.7	7.4	8.3	7.0	5.7	6.3	18.6	20.0
Not in labor force	64,462	64,593	18,983	19,253	39,021	38,930	6,458	6,411
White								
Civilian noninstitutional population	181,511	182,858	72,285	73,031	78,532	79,120	10,894	10,506
Civilian labor force	107,488	108,528	58,238	58,811	45,282	45,970	5,968	5,744
Percent of population	66.6	66.7	77.8	77.8	57.7	58.1	55.8	54.7
Employed	101,039	101,479	53,005	53,245	43,048	43,473	4,989	4,761
Agriculture	3,000	2,987	2,174	2,174	806	597	221	218
Nonagricultural industries	98,038	98,492	50,831	51,071	42,439	42,876	4,768	4,545
Unemployed	6,447	7,047	3,233	3,566	2,237	2,497	977	983
Unemployment rate	8.0	6.5	5.7	6.3	4.9	5.4	16.4	17.1
Not in labor force	54,025	54,132	16,047	16,220	33,250	33,150	4,729	4,762
Black								
Civilian noninstitutional population	21,815	21,958	6,878	8,858	10,840	11,025	2,100	2,074
Civilian labor force	13,542	13,891	6,384	6,472	6,433	6,631	744	767
Percent of population	62.8	63.3	73.4	73.1	59.3	60.1	35.4	37.9
Employed	11,863	11,933	5,832	5,603	5,757	5,856	474	474
Agriculture	160	153	132	132	20	15	6	7
Nonagricultural industries	11,703	11,780	5,500	5,471	5,737	5,641	468	467
Unemployed	1,879	1,958	732	869	677	775	270	313
Unemployment rate	12.4	14.1	11.5	13.4	10.5	11.7	36.3	39.8
Not in labor force	8,074	8,067	2,311	2,386	4,406	4,394	1,356	1,287

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	1992									
	Civilian noninstitutional population	Civilian labor force								Percent of 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		
TOTAL ENROLLED										
Total, 16 to 24 years	12,944	6,189	47.7	5,305	1,072	4,233	864	172	692	14.0
16 to 19 years	8,365	3,454	41.3	2,817	267	2,550	636	83	553	18.4
20 to 24 years	4,579	2,715	59.3	2,488	805	1,883	227	88	139	8.4
High school	6,321	2,406	38.1	1,673	111	1,762	534	71	463	22.2
College	6,623	3,762	56.8	3,432	961	2,471	330	101	229	8.8
Full-time students	5,538	2,816	50.9	2,555	434	2,121	261	65	196	9.3
Part-time students	1,085	946	87.2	878	527	351	69	36	33	7.2
Men, 16 to 24 years	6,517	3,055	46.9	2,572	553	2,019	483	84	389	15.8
16 to 19 years	4,261	1,749	41.1	1,384	144	1,240	365	48	318	20.9
20 to 24 years	2,257	1,305	57.8	1,188	408	779	117	46	72	9.0
High school	3,362	1,309	38.9	994	73	921	315	42	273	24.1
College	3,155	1,745	55.3	1,578	480	1,098	188	51	117	9.6
Full-time students	2,676	1,323	49.5	1,189	239	950	134	33	101	10.1
Part-time students	479	422	88.0	388	241	148	33	18	16	7.9
Women, 16 to 24 years	6,427	3,114	48.5	2,733	520	2,214	381	78	302	12.2
16 to 19 years	4,105	1,704	41.5	1,433	123	1,311	271	36	235	15.9
20 to 24 years	2,322	1,410	60.7	1,300	397	903	110	43	67	7.8
High school	2,958	1,097	37.1	879	38	840	218	29	190	19.9
College	3,468	2,017	58.2	1,855	482	1,373	162	50	113	8.0
Full-time students	2,862	1,493	52.2	1,365	195	1,170	127	32	95	8.5
Part-time students	606	525	86.5	489	287	203	35	18	17	6.7
White										
Total, 16 to 24 years	10,390	5,302	51.0	4,664	937	3,728	638	117	521	12.0
16 to 19 years	6,659	2,982	44.8	2,506	237	2,269	476	57	419	15.9
20 to 24 years	3,731	2,321	62.2	2,158	700	1,458	162	60	102	7.0
Men	5,237	2,619	50.0	2,260	484	1,776	359	65	295	13.7
Women	5,153	2,683	52.1	2,404	452	1,952	279	52	226	10.4
High school	4,941	2,058	41.6	1,683	97	1,586	395	46	349	19.2
College	5,448	3,244	59.5	3,001	840	2,162	243	71	172	7.5
Full-time students	4,537	2,433	53.6	2,242	375	1,867	191	44	147	7.9
Part-time students	911	811	89.0	759	465	295	52	27	25	6.4
Black										
Total, 16 to 24 years	1,834	604	32.9	424	94	330	179	47	133	29.7
16 to 19 years	1,295	351	27.1	220	23	197	131	24	107	37.3
20 to 24 years	539	253	47.0	205	71	134	49	23	26	19.2
Men	903	300	33.3	203	47	156	97	24	73	32.4
Women	931	304	32.6	221	47	174	82	23	59	27.0
High school	1,083	273	25.2	156	10	146	116	23	93	42.7
College	750	331	44.2	268	84	184	63	23	40	19.0
Full-time students	631	241	38.1	190	42	148	50	16	35	20.9
Part-time students	119	91	76.2	78	42	36	13	7	5	14.1
Hispanic origin										
Total, 18 to 24 years	1,178	487	41.3	384	93	290	103	22	80	21.1
16 to 19 years	861	290	33.7	207	27	180	84	14	70	26.8
20 to 24 years	317	196	61.6	177	66	111	19	9	10	9.8
Men	595	255	42.8	196	46	150	59	12	47	23.2
Women	583	232	39.7	188	47	140	44	10	33	18.9
High school	727	215	29.6	142	16	126	73	12	61	33.7
College	451	272	60.3	241	77	164	30	11	20	11.2
Full-time students	328	168	51.0	148	22	125	20	6	14	11.8
Part-time students	123	104	84.9	94	55	39	11	5	6	10.2

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	1992									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	
TOTAL NOT ENROLLED										
Total, 16 to 24 years	17,987	14,285	79.4	12,250	9,605	2,642	2,035	1,728	312	14.2
16 to 19 years	4,796	3,297	68.7	2,581	1,475	1,106	716	531	186	21.7
20 to 24 years	13,191	10,988	83.3	9,669	8,130	1,536	1,319	1,196	126	12.0
Less than a high school diploma	4,988	3,088	61.9	2,319	1,518	801	769	606	163	24.9
High school graduates, no college	7,265	6,031	83.0	5,190	4,210	979	841	752	89	13.9
Less than a bachelors degree	4,288	3,792	88.4	3,452	2,729	722	340	288	52	9.0
College graduates	1,446	1,376	95.1	1,287	1,147	139	89	83	7	6.5
Men, 16 to 24 years	8,829	7,734	87.6	6,571	5,418	1,146	1,162	1,043	123	15.0
16 to 19 years	2,389	1,797	75.2	1,402	875	526	396	313	83	22.0
20 to 24 years	6,440	5,936	92.2	5,170	4,543	820	767	730	40	12.9
Less than a high school diploma	2,592	1,966	75.9	1,501	1,082	419	465	392	72	23.6
High school graduates, no college	3,623	3,319	91.8	2,830	2,425	405	489	458	31	14.7
Less than a bachelors degree	1,975	1,832	92.8	1,867	1,392	275	165	149	16	9.0
College graduates	637	613	96.2	585	519	47	47	44	3	7.7
Women, 16 to 24 years	9,158	6,551	71.5	5,679	4,187	1,496	873	684	186	13.3
16 to 19 years	2,407	1,500	62.3	1,180	600	580	320	218	102	21.4
20 to 24 years	6,751	5,051	74.8	4,499	3,587	916	552	466	86	10.9
Less than a high school diploma	2,397	1,122	46.8	618	438	382	305	213	91	27.1
High school graduates, no college	3,642	2,711	74.5	2,360	1,786	574	351	294	58	13.0
Less than a bachelors degree	2,313	1,959	84.7	1,785	1,338	447	175	139	36	8.9
College graduates	810	763	94.3	721	629	93	42	39	4	5.5
White										
Total, 16 to 24 years	14,651	11,981	81.8	10,552	8,352	2,199	1,430	1,209	224	11.9
16 to 19 years	3,847	2,763	71.8	2,255	1,306	949	508	370	138	18.4
20 to 24 years	10,804	9,218	85.3	8,297	7,047	1,249	922	838	85	10.0
Men	7,242	6,496	89.7	5,686	4,724	937	630	743	89	12.6
Women	7,408	5,485	74.0	4,865	3,628	1,282	600	466	134	10.9
Less than a high school diploma	3,909	2,535	64.8	1,990	1,310	680	545	425	120	21.5
High school graduates, no college	5,811	4,844	83.4	4,375	3,598	777	569	507	62	11.5
Less than a bachelors degree	3,613	3,247	89.9	3,007	2,383	615	240	202	37	7.4
College graduates	1,317	1,258	95.5	1,178	1,052	127	79	74	5	6.3
Black										
Total, 16 to 24 years	2,733	1,866	68.3	1,331	973	356	535	463	74	28.7
16 to 19 years	760	438	57.6	254	131	123	182	143	40	41.8
20 to 24 years	1,954	1,430	73.2	1,077	841	233	353	320	34	24.7
Men	1,285	991	77.1	698	528	168	293	265	26	29.6
Women	1,449	875	60.4	633	445	186	242	197	45	27.7
Less than a high school diploma	895	445	49.8	246	152	95	198	159	39	44.4
High school graduates, no college	1,240	927	74.7	680	506	174	247	223	24	26.6
Less than a bachelors degree	524	423	80.7	336	257	79	86	78	11	20.4
College graduates	75	70	93.4	84	57	8	5	5	-	7.6
Hispanic origin										
Total, 16 to 24 years	2,294	1,652	72.0	1,376	1,116	259	276	243	33	16.7
16 to 19 years	629	388	61.6	285	190	94	103	84	18	26.5
20 to 24 years	1,665	1,264	75.9	1,091	925	165	174	159	15	13.7
Men	1,178	1,026	87.1	853	712	139	173	158	15	16.9
Women	1,118	626	56.1	523	404	120	103	85	18	16.4
Less than a high school diploma	1,204	770	63.9	813	490	123	157	137	20	20.3
High school graduates, no college	742	591	79.6	503	413	90	87	77	10	14.7
Less than a bachelors degree	303	253	83.5	225	182	43	29	26	3	11.3
College graduates	43	37	87.1	34	31	3	4	4	-	10.3

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. Educational attainment levels, beginning January

1992, were 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.

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

(In thousands)

Sex, age, and race	1992							
	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	97,026	95,000	2,026	20,572	16,213	4,359	7,746	1,638
16 to 19 years	1,739	1,649	90	3,659	3,145	514	614	739
16 to 17 years	282	267	15	1,768	1,624	144	145	467
18 to 19 years	1,458	1,383	75	1,891	1,521	370	469	271
20 years and over	95,287	93,351	1,936	16,913	13,068	3,845	7,132	900
20 to 24 years	8,933	8,642	291	3,223	2,430	794	1,282	265
25 years and over	86,354	84,709	1,645	13,689	10,638	3,051	5,851	635
25 to 54 years	75,467	74,023	1,444	9,882	7,309	2,573	5,256	491
55 years and over	10,886	10,685	201	3,807	3,329	478	595	144
Men, 16 years and over	56,897	55,634	1,263	6,907	5,031	1,876	4,699	681
16 to 19 years	1,019	967	52	1,767	1,501	266	360	401
20 years and over	55,878	54,667	1,211	5,141	3,530	1,611	4,339	280
20 to 24 years	4,955	4,775	180	1,402	1,019	383	772	112
25 years and over	50,923	49,892	1,031	3,738	2,511	1,228	3,566	168
25 to 54 years	44,160	43,257	904	2,180	1,142	1,037	3,169	109
55 years and over	6,763	6,636	127	1,559	1,368	190	397	59
Women, 16 years and over	40,129	39,366	763	13,664	11,182	2,483	3,047	957
16 to 19 years	720	682	38	1,892	1,644	249	254	338
20 years and over	39,409	38,684	725	11,772	9,538	2,234	2,794	620
20 to 24 years	3,978	3,868	111	1,821	1,410	411	509	153
25 years and over	35,430	34,816	614	9,951	8,127	1,824	2,285	466
25 to 54 years	31,307	30,767	540	7,702	6,167	1,536	2,087	382
55 years and over	4,123	4,049	74	2,248	1,961	288	198	84
White								
Men, 16 years and over	49,831	48,745	1,086	5,877	4,384	1,493	3,601	520
16 to 19 years	914	867	47	1,550	1,328	222	250	304
20 years and over	48,918	47,878	1,040	4,327	3,056	1,271	3,350	216
20 to 24 years	4,296	4,144	152	1,166	868	298	555	80
25 years and over	44,622	43,733	888	3,161	2,187	974	2,796	136
25 to 54 years	38,620	37,837	783	1,758	937	820	2,464	87
55 years and over	6,002	5,897	106	1,404	1,250	153	332	49
Women, 16 years and over	33,661	33,048	613	12,110	10,096	2,014	2,176	750
16 to 19 years	627	595	32	1,670	1,465	205	176	253
20 years and over	33,034	32,453	581	10,439	8,631	1,808	2,001	497
20 to 24 years	3,446	3,355	91	1,546	1,217	329	342	108
25 years and over	29,588	29,098	490	8,893	7,414	1,479	1,658	389
25 to 54 years	26,046	25,616	430	6,884	5,637	1,246	1,493	315
55 years and over	3,542	3,482	60	2,009	1,776	233	165	74
Black								
Men, 16 years and over	5,092	4,956	136	754	448	306	917	128
16 to 19 years	80	77	3	163	127	37	98	78
20 years and over	5,012	4,879	133	591	322	269	819	50
20 to 24 years	497	475	23	161	90	71	190	24
25 years and over	4,515	4,404	110	430	232	198	629	26
25 to 54 years	3,964	3,872	92	303	135	168	583	18
55 years and over	551	533	18	127	97	30	46	8
Women, 16 years and over	4,965	4,847	118	1,122	744	377	748	165
16 to 19 years	75	70	5	156	123	33	68	69
20 years and over	4,890	4,777	114	966	622	344	679	96
20 to 24 years	417	400	17	206	137	70	151	37
25 years and over	4,473	4,377	97	759	485	274	528	59
25 to 54 years	4,023	3,935	88	567	338	229	506	52
55 years and over	450	441	9	193	147	46	22	7

¹ 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	1992									
	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	101,215	66.8	93,754	7,461	7.4	50,388	20,292	6,998	2,643	20,455
Husbands	40,193	77.5	38,274	1,918	4.8	11,641	212	175	990	10,264
With employed wife	26,813	91.5	25,656	1,157	4.3	2,500	101	103	408	1,889
With unemployed wife	1,328	90.6	1,147	181	13.6	137	5	5	26	101
With wife not in labor force	12,052	57.2	11,471	580	4.8	9,004	107	88	556	8,274
Wives	30,778	59.4	29,313	1,465	4.8	21,056	15,460	366	449	4,781
With employed husband	26,803	70.0	25,656	1,147	4.3	11,471	9,757	305	165	1,244
With unemployed husband	1,338	69.7	1,157	181	13.5	580	478	18	22	63
With husband not in labor force	2,637	22.7	2,500	137	5.2	9,004	5,225	44	282	3,473
Relatives in married-couple families	12,833	63.1	11,075	1,758	13.7	7,493	729	4,419	360	1,984
18 to 19 years	4,358	51.6	3,621	738	16.9	4,084	128	3,256	10	689
20 to 24 years	4,747	75.7	4,197	550	11.6	1,527	148	1,025	44	311
25 years and over	3,727	66.4	3,257	470	12.6	1,882	453	138	306	984
Women who maintain families	7,303	62.3	6,582	721	9.9	4,423	2,744	231	291	1,156
Relatives in families maintained by women	5,689	59.0	4,598	1,092	19.2	3,947	771	1,478	364	1,335
16 to 19 years	1,240	44.6	859	381	30.7	1,541	95	1,126	12	309
20 to 24 years	1,602	72.1	1,302	300	18.7	620	142	267	27	185
25 years and over	2,848	61.5	2,437	411	14.4	1,786	534	85	325	841
Men who maintain families	2,514	77.9	2,288	226	9.0	711	44	40	92	535
Relatives in families maintained by men	1,905	63.0	1,624	281	14.7	1,117	332	289	97	399
16 to 19 years	288	51.4	218	70	24.3	272	22	193	1	56
20 to 24 years	479	77.0	412	68	14.1	143	31	69	6	37
25 years and over	1,137	61.8	994	143	12.6	702	279	27	90	306

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	
	1991	1992	1991	1992	1991	1992	1991	1992
Total, 16 years and over	4,817	5,380	7.0	7.8	3,609	4,005	6.3	6.9
Married, spouse present	1,853	2,124	4.4	5.0	1,402	1,584	4.5	5.0
Widowed, divorced, or separated	666	756	9.0	9.8	780	876	6.8	7.5
Single (never married)	2,299	2,499	12.3	13.1	1,427	1,545	10.0	10.7
White, 16 years and over	3,775	4,121	6.4	6.9	2,672	2,926	5.5	6.0
Married, spouse present	1,576	1,775	4.2	4.7	1,186	1,324	4.3	4.7
Widowed, divorced, or separated	517	580	8.4	9.1	574	655	6.2	7.1
Single (never married)	1,681	1,766	10.9	11.3	912	947	8.1	8.4
Black, 16 years and over	874	1,046	12.9	15.2	805	912	11.9	13.0
Married, spouse present	207	260	6.5	8.3	159	187	6.7	7.8
Widowed, divorced, or separated	133	150	12.7	13.7	179	193	9.4	9.8
Single (never married)	534	636	21.1	24.0	466	532	18.7	20.2
Total, 25 years and over	3,260	3,734	5.7	6.4	2,400	2,751	5.1	5.7
Married, spouse present	1,730	2,003	4.2	4.9	1,214	1,406	4.1	4.7
Widowed, divorced, or separated	634	726	8.8	9.6	712	815	6.4	7.3
Single (never married)	896	1,006	9.4	10.2	474	531	7.0	7.6
White, 25 years and over	2,607	2,932	5.2	5.8	1,801	2,048	4.5	5.1
Married, spouse present	1,471	1,669	4.0	4.6	1,027	1,173	4.0	4.4
Widowed, divorced, or separated	491	554	8.2	8.9	521	607	5.9	6.8
Single (never married)	645	709	8.3	8.9	253	268	5.0	5.2
Black, 25 years and over	537	655	9.8	11.7	510	588	9.1	10.1
Married, spouse present	194	247	6.3	8.1	137	166	6.1	7.3
Widowed, divorced, or separated	128	147	12.5	13.6	165	182	8.9	9.5
Single (never married)	215	262	15.4	17.7	208	240	13.8	14.8

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10. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	1991	1992	1991	1992	1991	1992	1991	1992
Total, 16 years and over	8,426	9,384	6.7	7.4	7.0	7.8	6.3	6.9
Managerial and professional specialty	886	1,007	2.8	3.1	2.7	3.2	2.9	3.0
Executive, administrative, and managerial	494	576	3.2	3.8	3.0	3.6	3.5	4.0
Professional specialty	393	431	2.4	2.6	2.4	2.8	2.4	2.4
Technical, sales, and administrative support	1,941	2,268	5.1	5.8	4.7	5.2	5.3	6.2
Technicians and related support	132	174	3.4	3.9	3.8	4.4	2.9	3.4
Sales occupations	838	964	5.7	6.5	4.4	4.8	7.0	8.2
Administrative support, including clerical	971	1,129	5.0	5.7	5.7	6.3	4.9	5.6
Service occupations	1,292	1,420	7.5	8.1	8.0	8.6	7.1	7.8
Private household	55	64	6.5	6.8	10.4	7.0	6.3	6.8
Protective service	99	105	4.6	4.8	4.4	4.5	5.3	6.1
Service, except private household and protective	1,139	1,251	8.0	8.7	9.3	10.0	7.3	7.9
Precision production, craft, and repair	1,130	1,273	7.9	8.8	7.9	8.9	7.8	8.3
Mechanics and repairers	242	278	5.2	5.9	5.2	5.9	4.6	4.9
Construction trades	644	716	11.8	13.0	11.8	13.0	12.0	10.9
Other precision production, craft, and repair	244	280	5.9	6.7	5.2	6.1	8.0	8.6
Operators, fabricators, and laborers	2,011	2,093	10.5	11.0	10.3	11.0	11.1	11.0
Machine operators, assemblers, and inspectors	883	898	10.3	10.7	9.5	10.2	11.4	11.4
Transportation and material moving occupations	392	421	7.4	7.9	7.5	8.1	6.4	6.6
Handlers, equipment cleaners, helpers, and laborers	736	774	13.8	14.5	14.1	15.1	12.5	11.7
Construction laborers	198	194	22.1	22.9	22.0	22.6	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	538	580	12.1	12.9	12.1	13.4	12.1	11.1
Farming, forestry, and fishing	286	305	7.6	8.1	7.6	7.7	8.1	10.1
No previous work experience	841	969	-	-	-	-	-	-
16 to 19 years	553	654	-	-	-	-	-	-
20 to 24 years	155	171	-	-	-	-	-	-
25 years and over	133	144	-	-	-	-	-	-

¹ Percent not shown where base is less than 35,000.
NOTE: Data for 1992 are not fully comparable with data for prior years

because of the introduction of the occupational classification system used in the 1990 census.

11. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	1991	1992	1991	1992	1991	1992	1991	1992
Total, 16 years and over	8,426	9,384	6.7	7.4	7.0	7.8	6.3	6.9
Nonagricultural private wage and salary workers	6,536	7,286	7.0	7.7	7.5	8.2	6.5	7.1
Mining	59	55	7.7	7.9	8.6	8.3	3.4	5.7
Construction	929	1,000	15.4	16.7	15.9	17.2	10.1	11.0
Manufacturing	1,544	1,634	7.2	7.8	6.5	7.2	8.6	8.8
Durable goods	937	965	7.5	8.0	7.1	7.8	8.4	8.5
Lumber and wood products	69	68	9.8	10.0	9.9	9.7	8.9	12.4
Furniture and fixtures	60	61	9.1	9.6	9.5	9.8	8.0	9.0
Stone, clay, and glass products	51	52	8.3	9.0	8.2	8.5	8.6	10.6
Primary metal industries	63	64	7.4	7.6	7.2	7.7	8.6	6.8
Fabricated metal products	107	114	8.4	9.1	8.1	9.1	9.6	9.0
Machinery, except electrical	151	163	6.0	6.8	5.5	6.6	7.6	7.2
Electrical machinery, equipment, and supplies	139	136	6.7	6.9	6.1	6.3	7.6	7.8
Transportation equipment	199	201	7.9	8.2	7.4	8.0	9.7	9.1
Automobiles	119	95	10.0	7.8	9.6	7.6	11.5	8.4
Other transportation equipment	80	106	6.0	8.7	5.5	8.4	8.0	9.9
Professional and photographic equipment	36	45	4.5	5.6	3.5	5.3	5.8	6.0
Other durable goods industries	62	61	11.9	11.5	10.8	9.6	13.2	13.9
Nondurable goods	607	669	6.8	7.5	5.4	6.4	8.8	9.0
Food and kindred products	160	172	8.6	9.0	6.8	7.6	12.1	11.9
Textile mill products	50	46	6.9	6.6	5.6	8.1	8.2	7.0
Apparel and other textile products	116	125	10.3	10.9	9.5	10.6	10.6	11.0
Paper and allied products	35	42	4.5	5.5	4.1	5.4	5.8	5.6
Printing and publishing	99	110	5.4	6.1	4.4	5.3	6.7	7.0
Chemicals and allied products	58	68	4.2	5.0	3.9	4.3	4.7	6.6
Rubber and miscellaneous plastics products	61	69	7.7	8.1	5.8	7.3	11.1	9.3
Other nondurable goods industries	28	36	6.8	9.0	5.8	7.1	9.2	12.8
Transportation and public utilities	349	369	5.3	5.5	5.5	5.8	4.6	4.7
Transportation	262	278	6.8	7.1	7.0	7.5	6.0	5.9
Communications and other public utilities	88	91	3.2	3.3	3.0	3.1	3.4	3.5
Wholesale and retail trade	1,800	2,041	7.6	8.4	7.2	7.7	8.0	9.1
Wholesale trade	252	308	5.6	6.6	5.2	5.9	6.5	8.0
Retail trade	1,548	1,732	8.0	8.8	7.9	8.3	8.2	9.2
Finance, insurance, and real estate	286	329	4.0	4.5	3.8	4.4	4.0	4.6
Service industries	1,568	1,859	5.7	6.5	6.4	7.4	5.3	5.9
Professional services	564	702	3.6	4.1	3.6	4.2	3.6	4.1
Other service industries	1,004	1,157	8.5	10.0	8.4	10.2	8.7	9.8
Agricultural wage and salary workers	220	238	11.6	12.3	11.6	12.1	11.8	13.1
Government, self-employed, and unpaid family workers	828	890	2.8	3.0	2.9	3.3	2.8	2.8
No previous work experience	841	969	-	-	-	-	-	-

NOTE: Data for 1992 are not fully comparable with data for prior years because of the introduction of the classification systems used in the 1990 census.

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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	
	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992
NUMBER OF UNEMPLOYED												
Total unemployed	8,426	9,384	4,109	4,619	3,028	3,413	1,290	1,352	6,447	7,047	1,679	1,958
Job losers	4,608	5,291	2,926	3,357	1,408	1,691	273	243	3,614	4,117	853	985
On layoff	1,279	1,246	845	846	378	353	56	47	1,083	1,054	166	160
Other job losers	3,329	4,045	2,081	2,511	1,031	1,338	217	196	2,531	3,064	687	825
Job leavers	979	975	401	409	406	425	172	141	795	759	152	176
Reentrants	2,087	2,228	683	749	1,058	1,123	346	357	1,528	1,596	470	545
New entrants	753	890	99	104	156	175	499	611	510	574	203	252
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	54.7	56.4	71.2	72.7	46.5	49.5	21.2	18.0	56.1	58.4	50.8	50.3
On layoff	15.2	13.3	20.6	18.3	12.5	10.3	4.3	3.5	16.8	15.0	9.9	8.2
Other job losers	39.5	43.1	50.7	54.4	34.0	39.2	16.8	14.5	39.3	43.5	40.9	42.2
Job leavers	11.6	10.4	9.7	8.8	13.4	12.5	13.3	10.4	12.3	10.8	9.1	9.0
Reentrants	24.8	23.7	16.6	16.2	34.9	32.9	26.9	26.4	23.7	22.6	28.0	27.8
New entrants	8.9	9.5	2.4	2.3	5.1	5.1	38.7	45.2	7.9	8.1	12.1	12.9
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	3.7	4.2	4.5	5.1	2.6	3.1	3.9	3.6	3.4	3.8	6.3	7.1
Job leavers .....	.8	.8	.6	.6	.8	.8	2.5	2.1	.7	.7	1.1	1.3
Reentrants	1.7	1.8	1.1	1.1	2.0	2.1	5.0	5.3	1.4	1.5	3.5	3.9
New entrants .....	.6	.7	.2	.2	.3	.3	7.2	9.1	.5	.5	1.5	1.8

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

(Percent distribution)

Reason, sex, and age	1992						
	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	9,384	100.0	34.9	29.4	35.7	15.2	20.6
Job losers	5,291	100.0	27.5	28.4	44.0	18.0	26.0
On layoff	1,246	100.0	43.5	29.5	27.0	14.9	12.1
Other job losers	4,045	100.0	22.6	28.1	49.3	19.0	30.3
Job leavers	975	100.0	41.3	29.8	28.9	13.0	15.9
Reentrants	2,228	100.0	44.2	30.8	25.0	11.2	13.7
New entrants	890	100.0	47.7	31.4	20.9	10.5	10.4
Men, 20 years and over	4,619	100.0	28.5	28.8	42.7	17.1	25.6
Job losers	3,357	100.0	26.0	28.4	45.6	18.0	27.5
On layoff	846	100.0	41.5	30.3	28.2	15.7	12.5
Other job losers	2,511	100.0	20.9	27.7	51.4	18.8	32.6
Job leavers	409	100.0	33.2	31.0	35.8	15.2	20.5
Reentrants	749	100.0	36.4	29.5	34.1	14.1	20.0
New entrants	104	100.0	32.1	28.8	39.1	13.9	25.2
Women, 20 years and over	3,413	100.0	36.4	29.5	34.2	15.0	19.2
Job losers	1,691	100.0	27.6	28.1	44.4	18.7	25.7
On layoff	353	100.0	45.2	28.7	26.2	13.8	12.3
Other job losers	1,338	100.0	22.9	27.9	49.1	20.0	29.2
Job leavers	425	100.0	42.7	29.9	27.3	12.6	14.8
Reentrants	1,123	100.0	46.1	31.4	22.5	10.5	12.0
New entrants	175	100.0	43.3	29.6	27.1	13.7	13.4
Both sexes, 16 to 19 years	1,352	100.0	52.7	31.3	16.0	9.3	6.7
Job losers	243	100.0	48.1	31.0	21.0	13.5	7.5
On layoff	47	100.0	66.8	21.2	12.0	9.5	2.5
Other job losers	196	100.0	43.6	33.3	23.1	14.4	8.7
Job leavers	141	100.0	60.4	26.0	13.6	7.7	5.9
Reentrants	357	100.0	54.8	31.9	13.4	7.3	6.0
New entrants	611	100.0	51.6	32.3	16.0	9.1	7.0

14. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	1991	1992	1991	1992	1991	1992	1991	1992
Total, 16 years and over	8,426	9,384	100.0	100.0	6,932	7,746	100.0	100.0
Less than 5 weeks	3,380	3,270	40.1	34.9	2,527	2,377	36.4	30.7
5 to 14 weeks	2,724	2,760	32.3	29.4	2,280	2,295	32.9	29.6
5 to 10 weeks	1,926	1,960	22.9	20.9	1,578	1,610	22.8	20.8
11 to 14 weeks	797	799	9.5	8.5	702	686	10.1	8.8
15 weeks and over	2,323	3,354	27.6	35.7	2,126	3,073	30.7	39.7
15 to 26 weeks	1,225	1,424	14.5	15.2	1,106	1,280	16.0	16.5
27 weeks and over	1,098	1,930	13.0	20.6	1,019	1,793	14.7	23.2
27 to 51 weeks	563	879	6.7	9.4	526	820	7.6	10.6
52 weeks and over	535	1,051	6.4	11.2	494	973	7.1	12.6
Average (mean) duration, in weeks	13.8	17.9	-	-	14.9	19.5	-	-
Median duration, in weeks	6.9	8.8	-	-	8.0	10.1	-	-

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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	
								1991	1992	1991	1992
	1992										
Total, 16 years and over	9,384	3,270	2,760	1,424	1,930	17.9	8.8	40.1	34.9	27.6	35.7
16 to 19 years	1,352	713	423	125	91	9.1	4.3	55.6	52.7	12.2	16.0
20 to 24 years	1,546	651	503	212	180	12.7	6.4	46.6	42.1	19.8	25.4
25 to 34 years	2,662	868	805	439	549	18.0	9.4	39.0	32.6	27.7	37.1
35 to 44 years	1,941	569	545	335	491	20.8	11.1	33.2	29.3	34.0	42.6
45 to 54 years	1,145	293	303	191	357	24.3	13.5	30.6	25.6	39.4	47.9
55 to 64 years	603	136	147	104	216	27.1	16.7	28.7	22.5	43.8	53.2
65 years and over	135	40	33	17	46	25.2	12.5	34.5	29.6	37.4	46.3
Men, 16 years and over	5,380	1,708	1,572	861	1,239	19.6	9.8	36.5	31.8	31.1	39.0
16 to 19 years	761	392	241	73	55	9.5	4.4	53.6	51.5	13.9	16.9
20 to 24 years	884	341	289	130	124	14.2	7.5	42.8	38.6	22.8	28.7
25 to 34 years	1,508	431	460	274	344	19.7	10.7	34.7	28.6	31.4	40.9
35 to 44 years	1,095	292	304	190	309	22.6	12.5	29.4	26.7	38.2	45.6
45 to 54 years	675	153	171	115	236	26.8	15.9	27.7	22.7	42.9	51.9
55 to 64 years	387	79	90	70	147	29.2	18.5	26.9	20.5	46.1	56.1
65 years and over	69	19	16	9	24	28.0	13.7	33.6	27.9	40.7	48.5
Women, 16 years and over	4,005	1,562	1,188	564	691	15.5	7.3	44.9	39.0	22.9	31.3
16 to 19 years	591	321	183	52	35	8.6	4.1	58.0	54.3	10.2	14.8
20 to 24 years	662	310	214	82	56	10.7	5.2	51.8	46.9	15.6	20.9
25 to 34 years	1,154	437	346	165	206	15.7	7.7	44.6	37.9	22.9	32.1
35 to 44 years	845	277	241	146	181	18.4	9.7	38.3	32.8	28.2	38.7
45 to 54 years	470	140	132	77	121	20.7	10.8	34.7	29.7	34.5	42.1
55 to 64 years	216	56	56	34	70	23.5	13.3	31.9	26.0	39.7	47.9
65 years and over	66	21	16	8	22	22.3	11.2	35.7	31.4	32.9	44.0
White, 16 years and over	7,047	2,468	2,062	1,072	1,445	17.8	8.7	40.4	35.0	27.2	35.7
Men	4,121	1,316	1,203	657	945	19.6	9.8	36.9	31.9	30.6	38.9
Women	2,926	1,152	859	415	500	15.2	7.2	45.3	39.4	22.4	31.3
Black, 16 years and over	1,958	671	580	293	413	18.6	9.0	39.2	34.3	29.3	36.1
Men	1,046	322	303	171	249	20.4	10.2	34.9	30.8	33.5	40.2
Women	912	349	277	122	164	16.5	7.6	43.9	38.3	24.7	31.4
Men, 16 years and over:											
Married, spouse present	2,124	558	582	380	605	22.5	12.8	31.7	26.3	36.3	46.4
Widowed, divorced, or separated	756	215	204	130	207	22.9	11.9	32.3	28.4	36.2	44.7
Single (never married)	2,499	936	786	351	427	16.2	7.8	41.6	37.5	25.4	31.1
Women, 16 years and over:											
Married, spouse present	1,584	581	459	236	308	16.8	8.1	43.0	36.7	24.5	34.3
Widowed, divorced, or separated	876	298	256	135	186	17.7	9.1	39.4	34.0	28.8	36.6
Single (never married)	1,545	683	473	192	197	13.0	5.9	49.9	44.2	17.9	25.2

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	
								1991	1992	1991	1992
OCCUPATION											
Managerial and professional specialty	1,007	261	272	183	292	22.4	13.1	32.3	25.9	35.1	47.2
Technical, sales, and administrative support	2,268	758	661	355	494	18.2	9.2	39.5	33.4	27.7	37.4
Service occupations	1,420	584	419	191	227	15.1	6.9	45.4	41.1	23.3	29.4
Precision production, craft, and repair	1,273	373	373	222	305	20.2	10.8	35.5	29.3	31.7	41.4
Operators, fabricators, and laborers	2,093	687	613	323	471	19.5	9.5	37.2	32.8	30.2	37.9
Farming, forestry, and fishing	305	130	103	40	32	12.4	6.1	44.8	42.6	21.3	23.6
INDUSTRY¹											
Agriculture	238	100	83	29	26	12.0	6.2	45.0	42.0	20.5	23.1
Construction	1,027	321	309	181	215	18.5	10.0	36.4	31.3	29.8	38.6
Manufacturing	1,644	478	450	265	451	21.9	11.4	34.4	29.1	33.5	43.6
Durable goods	971	258	261	161	291	23.4	12.8	33.0	26.6	35.1	46.5
Nondurable goods	673	220	189	104	160	19.7	9.7	36.5	32.7	30.9	39.2
Transportation and public utilities	423	120	115	70	119	22.1	11.6	34.6	28.4	32.8	44.4
Wholesale and retail trade	2,052	745	622	314	372	16.6	8.1	43.0	36.3	24.3	33.4
Finance and service industries	2,520	676	734	389	523	17.8	9.0	39.5	34.8	28.4	36.2
Public administration	177	53	52	26	45	20.3	9.9	33.5	29.9	34.0	40.1
No previous work experience	969	466	302	102	99	11.7	4.9	53.2	48.1	16.2	20.7

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	1992								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	9,384	8,027	22.6	9.3	74.3	41.7	23.7	5.3	1.77
16 to 19 years	1,352	1,283	11.6	4.0	81.5	27.5	18.1	3.5	1.46
20 to 24 years	1,546	1,365	21.8	8.7	74.8	42.1	22.2	3.8	1.73
25 to 34 years	2,662	2,258	26.2	9.9	73.2	45.6	24.4	4.5	1.84
35 to 44 years	1,941	1,602	25.9	11.4	72.9	45.0	25.7	6.6	1.87
45 to 54 years	1,145	933	25.3	12.4	71.7	44.8	26.6	8.2	1.89
55 to 64 years	603	473	22.4	10.2	70.7	43.9	26.4	7.4	1.81
65 years and over	135	112	15.2	6.9	68.6	37.6	24.0	7.4	1.60
Men, 16 years and over	5,380	4,444	24.7	9.8	74.8	40.4	26.6	6.2	1.82
16 to 19 years	761	720	12.3	3.8	81.7	26.1	20.0	3.4	1.47
20 to 24 years	884	759	23.3	9.0	75.3	41.5	25.7	4.2	1.79
25 to 34 years	1,508	1,217	29.1	10.5	74.1	44.8	28.7	5.0	1.92
35 to 44 years	1,095	857	28.9	12.4	72.9	43.9	28.8	8.2	1.95
45 to 54 years	675	535	27.6	12.9	71.2	42.2	28.2	10.8	1.93
55 to 64 years	387	299	23.7	11.3	72.2	42.2	27.7	8.8	1.86
65 years and over	69	57	15.0	6.0	72.0	31.1	24.3	6.9	1.55
Women, 16 years and over	4,005	3,582	20.0	8.7	73.8	43.3	20.0	4.1	1.70
16 to 19 years	591	563	10.8	4.2	81.2	29.4	15.7	3.5	1.45
20 to 24 years	662	606	19.9	8.3	74.1	42.9	17.7	3.3	1.66
25 to 34 years	1,154	1,041	22.8	9.3	72.1	46.6	19.4	3.9	1.74
35 to 44 years	845	744	22.3	10.3	72.9	46.2	22.2	4.8	1.79
45 to 54 years	470	398	22.1	11.7	72.3	48.2	24.4	4.7	1.83
55 to 64 years	216	174	20.2	8.4	68.2	46.8	24.2	5.1	1.73
65 years and over	66	55	15.4	7.8	65.2	44.4	23.7	7.8	1.64
White, 16 years and over	7,047	5,896	21.9	9.0	74.8	43.3	23.9	5.7	1.79
Men	4,121	3,320	24.4	9.6	75.3	41.6	26.8	6.8	1.84
Women	2,926	2,576	18.8	8.2	74.1	45.5	20.3	4.3	1.71
Black, 16 years and over	1,958	1,787	25.0	10.3	73.9	35.4	21.5	4.0	1.70
Men	1,046	933	26.2	10.3	74.2	34.9	24.9	4.3	1.75
Women	912	854	23.6	10.3	73.4	35.9	17.8	3.7	1.65

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	1992								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	9,384	8,027	22.6	9.3	74.3	41.7	23.7	5.3	1.77
Job losers ¹	5,291	4,010	28.3	11.4	74.9	45.8	27.6	5.2	1.93
Job leavers	975	955	22.0	8.5	74.4	44.3	19.6	3.7	1.72
Reentrants	2,228	2,182	16.9	7.6	72.2	38.1	19.3	6.5	1.61
New entrants	890	879	11.4	5.2	77.1	28.9	20.6	4.1	1.47
Men, 16 years and over	5,380	4,444	24.7	9.8	74.8	40.4	26.6	6.2	1.82
Job losers ¹	3,518	2,620	29.1	11.5	74.8	44.0	29.4	6.1	1.95
Job leavers	479	469	25.2	8.8	75.0	42.7	22.5	3.8	1.78
Reentrants	950	929	17.6	8.1	72.9	34.9	22.6	8.4	1.64
New entrants	433	427	12.2	4.6	79.0	27.5	22.5	4.5	1.50
Women, 16 years and over	4,005	3,582	20.0	8.7	73.8	43.3	20.0	4.1	1.70
Job losers ¹	1,773	1,390	26.7	11.2	75.2	49.2	24.2	3.6	1.90
Job leavers	496	487	18.9	8.2	73.8	45.8	16.8	3.6	1.67
Reentrants	1,278	1,253	16.4	7.3	71.7	40.5	16.9	5.1	1.58
New entrants	457	452	10.6	5.7	75.3	30.2	18.9	3.8	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.

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

(In thousands)

Industry and age	Total		Men		Women	
	1991	1992	1991	1992	1991	1992
All industries	116,877	117,598	63,593	63,805	53,284	53,793
16 to 19 years	5,628	5,398	2,879	2,786	2,749	2,613
16 to 17 years	2,125	2,050	1,092	1,052	1,033	997
18 to 19 years	3,503	3,349	1,787	1,733	1,716	1,615
20 to 24 years	12,233	12,157	6,421	6,357	5,812	5,799
25 to 54 years	84,363	85,350	45,981	46,340	38,383	39,010
25 to 34 years	32,914	32,441	18,188	17,847	14,726	14,594
35 to 44 years	31,286	31,662	16,883	17,067	14,402	14,595
45 to 54 years	20,164	21,246	10,909	11,426	9,255	9,820
55 to 64 years	11,268	11,267	6,389	6,314	4,879	4,953
55 to 59 years	6,740	6,792	3,773	3,782	2,967	3,011
60 to 64 years	4,528	4,474	2,616	2,532	1,912	1,942
65 years and over	3,384	3,427	1,923	2,008	1,461	1,419
Agriculture	3,233	3,207	2,552	2,534	682	673
16 to 19 years	233	225	194	179	39	45
16 to 17 years	111	111	93	91	18	20
18 to 19 years	122	114	100	89	21	25
20 to 24 years	320	322	263	264	57	57
25 to 54 years	1,979	1,939	1,523	1,490	456	449
25 to 34 years	809	766	648	596	163	170
35 to 44 years	698	697	522	537	176	160
45 to 54 years	472	476	355	357	116	119
55 to 64 years	434	428	338	345	96	83
55 to 59 years	219	216	167	171	52	45
60 to 64 years	215	211	171	173	44	38
65 years and over	268	295	234	257	34	38
Nonagricultural industries	113,644	114,391	61,041	61,270	52,602	53,121
16 to 19 years	5,395	5,174	2,686	2,606	2,709	2,568
16 to 17 years	2,014	1,939	999	962	1,015	978
18 to 19 years	3,382	3,235	1,687	1,645	1,695	1,590
20 to 24 years	11,913	11,835	6,158	6,093	5,755	5,742
25 to 54 years	82,385	83,411	44,458	44,850	37,927	38,561
25 to 34 years	32,105	31,675	17,543	17,251	14,562	14,424
35 to 44 years	30,588	30,965	16,381	16,530	14,226	14,435
45 to 54 years	19,692	20,771	10,554	11,070	9,138	9,701
55 to 64 years	10,834	10,839	6,051	5,969	4,783	4,870
55 to 59 years	6,521	6,576	3,606	3,611	2,915	2,965
60 to 64 years	4,314	4,263	2,445	2,359	1,868	1,904
65 years and over	3,116	3,132	1,689	1,751	1,427	1,381

**HOUSEHOLD DATA
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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	
	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992
Total	116,877	117,598	63,593	63,805	60,714	61,019	53,284	53,793	50,535	51,181
Managerial and professional specialty	31,012	31,153	16,656	16,416	16,568	16,328	14,356	14,736	14,238	14,629
Executive, administrative, and managerial	14,954	14,767	8,890	8,641	8,854	8,609	6,064	6,126	6,024	6,095
Officials and administrators, public administration	591	619	336	361	335	361	255	258	255	258
Other executive, administrative, and managerial	10,412	10,187	6,611	6,384	6,580	6,355	3,801	3,802	3,767	3,778
Management-related occupations	3,951	3,961	1,943	1,896	1,939	1,893	2,008	2,065	2,001	2,059
Professional specialty	16,058	16,386	7,767	7,775	7,713	7,719	8,292	8,611	8,214	8,534
Engineers	1,846	1,751	1,694	1,603	1,692	1,601	152	148	152	147
Mathematical and computer scientists	923	935	583	622	583	622	339	313	339	312
Natural scientists	438	459	324	334	324	334	114	125	114	125
Health diagnosing occupations	849	914	696	747	696	747	153	167	153	166
Health assessment and treating occupations	2,376	2,517	328	332	328	329	2,048	2,184	2,044	2,180
Teachers, college and university	773	737	457	435	455	431	316	302	310	299
Teachers, except college and university	4,029	4,216	1,038	1,062	1,027	1,051	2,992	3,154	2,958	3,125
Lawyers and judges	772	788	626	620	626	620	146	167	146	167
Other professional specialty occupations	4,051	4,068	2,020	2,018	1,982	1,984	2,031	2,050	1,999	2,013
Technical, sales, and administrative support	36,086	36,808	12,734	13,269	12,118	12,675	23,352	23,539	21,897	22,176
Technicians and related support	3,794	4,253	1,921	2,169	1,898	2,139	1,873	2,084	1,853	2,055
Health technologists and technicians	1,379	1,517	236	278	232	273	1,143	1,239	1,135	1,223
Engineering and science technicians	1,188	1,160	942	913	925	896	246	247	240	240
Technicians, except health, engineering, and science	1,227	1,576	743	978	740	970	484	598	478	592
Sales occupations	13,958	13,919	7,142	7,252	6,751	6,881	6,816	6,667	5,920	5,800
Supervisors and proprietors	3,739	3,879	2,455	2,529	2,433	2,508	1,284	1,349	1,264	1,326
Sales representatives, finance and business services	2,344	2,247	1,356	1,348	1,341	1,339	988	899	963	891
Sales representatives, commodities, except retail	1,601	1,571	1,242	1,229	1,233	1,221	359	342	353	335
Sales workers, retail and personal services	6,200	6,129	2,064	2,113	1,720	1,783	4,136	4,016	3,292	3,190
Sales-related occupations	74	93	25	32	24	31	50	61	48	58
Administrative support, including clerical	18,334	18,636	3,671	3,848	3,469	3,654	14,663	14,788	14,124	14,321
Supervisors	777	759	323	329	322	328	454	430	452	429
Computer equipment operators	746	664	251	242	241	234	495	423	475	412
Secretaries, stenographers, and typists	4,427	4,315	68	70	64	66	4,358	4,245	4,249	4,141
Financial records processing	2,389	2,335	216	219	208	215	2,173	2,117	2,143	2,094
Mail and message distributing	923	902	574	564	549	540	349	338	333	328
Other administrative support, including clerical	9,072	9,660	2,238	2,424	2,084	2,272	6,835	7,236	6,472	6,917
Service occupations	15,986	16,096	6,429	6,494	5,581	5,675	9,557	9,602	8,604	8,672
Private household	787	876	32	37	25	27	755	840	638	716
Protective service	2,071	2,096	1,756	1,745	1,712	1,714	316	351	289	320
Service, except private household and protective	13,128	13,124	4,641	4,712	3,844	3,934	8,487	8,411	7,676	7,636
Food service	5,370	5,459	2,185	2,243	1,591	1,647	3,185	3,215	2,643	2,703
Health service	2,178	2,105	249	237	229	221	1,929	1,868	1,848	1,804
Cleaning and building service	3,068	2,988	1,744	1,760	1,620	1,647	1,324	1,228	1,271	1,173
Personal service	2,512	2,573	463	473	404	419	2,048	2,100	1,915	1,956
Precision production, craft, and repair	13,162	13,128	12,030	12,000	11,813	11,794	1,132	1,128	1,112	1,102
Mechanics and repairers	4,427	4,441	4,264	4,293	4,197	4,215	163	147	161	145
Construction trades	4,808	4,790	4,721	4,702	4,614	4,613	88	89	86	84
Other precision production, craft, and repair	3,927	3,897	3,045	3,005	3,003	2,965	881	892	865	874
Operators, fabricators, and laborers	17,172	16,957	12,842	12,720	11,981	11,880	4,330	4,237	4,163	4,091
Machine operators, assemblers, and inspectors	7,696	7,524	4,610	4,535	4,474	4,393	3,086	2,989	3,009	2,930
Manufacturing industries	6,302	6,136	3,744	3,645	3,652	3,544	2,558	2,492	2,500	2,450
Durable goods	3,413	3,299	2,373	2,281	2,322	2,223	1,040	1,018	1,021	1,009
Nondurable goods	2,889	2,837	1,371	1,364	1,331	1,321	1,518	1,473	1,479	1,441
Nonmanufacturing industries	1,394	1,387	865	890	822	850	529	497	509	481
Transportation and material moving occupations	4,878	4,878	4,441	4,451	4,338	4,357	437	427	429	419
Motor vehicle operators	3,680	3,706	3,290	3,330	3,201	3,249	390	376	382	369
Other transportation and material moving occupations	1,198	1,172	1,151	1,121	1,138	1,107	47	51	47	50
Handlers, equipment cleaners, helpers, and laborers	4,597	4,566	3,791	3,734	3,169	3,130	806	821	725	742
Construction laborers	700	654	677	634	622	583	22	20	21	17
Other handlers, equipment cleaners, helpers, and laborers	3,898	3,901	3,113	3,100	2,547	2,547	784	801	704	726
Farming, forestry, and fishing	3,459	3,456	2,903	2,905	2,652	2,668	557	551	521	510
Farm operators and managers	1,250	1,232	1,044	1,042	1,035	1,034	206	190	205	190
Other farming, forestry, and fishing occupations	2,209	2,224	1,859	1,864	1,617	1,635	350	361	316	320

NOTE: Data for 1992 are not fully comparable with data for prior years because of the introduction of the occupational classification system used in the 1990 census.

**HOUSEHOLD DATA
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21. Employed civilians by occupation, race, and sex

(Percent distribution)

Occupation and race	Total		Men		Women	
	1991	1992	1991	1992	1991	1992
TOTAL						
Total, 16 years and over (thousands)	116,877	117,598	63,593	63,805	53,284	53,793
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	26.5	26.5	26.2	25.7	26.9	27.4
Executive, administrative, and managerial	12.8	12.6	14.0	13.5	11.4	11.4
Professional specialty	13.7	13.9	12.2	12.2	15.6	16.0
Technical, sales, and administrative support	30.9	31.3	20.0	20.8	43.8	43.8
Technicians and related support	3.2	3.6	3.0	3.4	3.5	3.9
Sales occupations	11.9	11.8	11.2	11.4	12.8	12.4
Administrative support, including clerical	15.7	15.8	5.8	6.0	27.5	27.5
Service occupations	13.7	13.7	10.1	10.2	17.9	17.9
Private household .....	.7	.7	-	.1	1.4	1.6
Protective service	1.8	1.8	2.8	2.7	.6	.7
Service, except private household and protective	11.2	11.2	7.3	7.4	15.9	15.6
Precision production, craft, and repair	11.3	11.2	18.9	18.8	2.1	2.1
Operators, fabricators, and laborers	14.7	14.4	20.2	19.9	8.1	7.9
Machine operators, assemblers, and inspectors	6.6	6.4	7.2	7.1	5.8	5.6
Transportation and material moving occupations	4.2	4.1	7.0	7.0	.8	.8
Handlers, equipment cleaners, helpers, and laborers	3.9	3.9	6.0	5.9	1.5	1.5
Farming, forestry, and fishing	3.0	2.9	4.6	4.6	1.0	1.0
White						
Total, 16 years and over (thousands)	101,039	101,479	55,557	55,709	45,482	45,770
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	27.7	27.5	27.3	26.8	28.1	28.5
Executive, administrative, and managerial	13.5	13.2	14.7	14.3	12.0	12.0
Professional specialty	14.2	14.3	12.6	12.5	16.1	16.5
Technical, sales, and administrative support	31.2	31.7	20.2	21.1	44.7	44.6
Technicians and related support	3.2	3.6	3.0	3.4	3.5	3.8
Sales occupations	12.5	12.4	11.8	12.0	13.3	12.9
Administrative support, including clerical	15.5	15.7	5.4	5.7	27.9	27.9
Service occupations	12.4	12.4	9.0	9.1	16.6	16.5
Private household .....	.6	.7	-	.1	1.3	1.4
Protective service	1.7	1.6	2.6	2.5	.5	.6
Service, except private household and protective	10.2	10.1	6.4	6.5	14.8	14.5
Precision production, craft, and repair	11.7	11.6	19.5	19.5	2.1	2.0
Operators, fabricators, and laborers	13.9	13.6	19.2	18.9	7.5	7.2
Machine operators, assemblers, and inspectors	6.2	6.0	7.0	6.8	5.2	4.9
Transportation and material moving occupations	4.0	4.0	6.6	6.6	.8	.8
Handlers, equipment cleaners, helpers, and laborers	3.8	3.7	5.7	5.4	1.5	1.5
Farming, forestry, and fishing	3.1	3.1	4.7	4.7	1.2	1.1
Black						
Total, 16 years and over (thousands)	11,863	11,933	5,880	5,846	5,983	6,087
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	16.3	16.8	13.9	14.1	18.7	19.5
Executive, administrative, and managerial	7.2	7.2	7.2	7.1	7.2	7.2
Professional specialty	9.1	9.7	6.7	7.0	11.5	12.3
Technical, sales, and administrative support	28.3	28.0	17.4	17.3	39.0	38.2
Technicians and related support	2.8	3.4	2.3	3.1	3.4	3.8
Sales occupations	7.8	7.3	6.2	5.7	9.4	8.7
Administrative support, including clerical	17.6	17.3	8.9	8.5	26.3	25.7
Service occupations	23.2	23.5	18.8	19.0	27.6	27.9
Private household	1.4	1.4	.1	.1	2.7	2.6
Protective service	2.9	3.2	4.6	4.9	1.3	1.5
Service, except private household and protective	18.9	19.0	14.2	14.0	23.6	23.9
Precision production, craft, and repair	8.6	8.4	15.2	14.8	2.2	2.1
Operators, fabricators, and laborers	21.7	21.4	31.2	31.3	12.2	12.0
Machine operators, assemblers, and inspectors	9.6	9.4	10.0	9.8	9.2	9.2
Transportation and material moving occupations	6.4	6.1	11.9	11.3	1.1	1.0
Handlers, equipment cleaners, helpers, and laborers	5.6	5.9	9.4	10.2	1.9	1.8
Farming, forestry, and fishing	1.9	1.9	3.5	3.6	.3	.3

NOTE: Data for 1992 are not fully comparable with data for prior years because of the introduction of the occupational classification system used in the 1990 census.

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

(Numbers in thousands)

Occupation	1992			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Total, 16 years and over	117,598	45.7	10.1	7.6
Managerial and professional specialty	31,153	47.3	6.5	3.9
Executive, administrative, and managerial occupations	14,767	41.5	5.8	4.2
Officials and administrators, public administration	619	43.8	11.5	3.7
Financial managers	517	46.3	3.0	3.9
Personnel and labor relations managers	104	58.9	5.9	3.4
Purchasing managers	113	33.2	5.8	2.2
Managers, marketing, advertising, and public relations	516	33.6	2.9	3.4
Administrators, education and related fields	605	56.8	9.8	3.7
Managers, medicine and health	364	65.8	8.8	2.9
Postmasters and mail superintendents	51	43.0	5.3	4.8
Managers, food serving and lodging establishments	1,142	41.2	8.2	7.2
Managers, properties and real estate	436	45.5	7.2	5.6
Funeral directors	53	15.1	13.2	-
Management-related occupations	3,961	52.1	6.9	4.6
Accountants and auditors	1,365	51.2	5.8	4.4
Underwriters	89	68.8	7.5	6.4
Other financial officers	667	46.1	6.7	5.3
Management analysts	218	34.9	4.6	1.5
Personnel, training, and labor relations specialists	416	62.8	11.6	4.4
Buyers, wholesale and retail trade, except farm products	205	51.4	4.1	4.8
Construction inspectors	66	3.8	6.4	2.1
Inspectors and compliance officers, except construction	233	24.1	10.1	7.7
Professional specialty	16,386	52.6	7.0	3.5
Engineers, architects, and surveyors	1,906	8.9	3.7	3.0
Architects	138	15.3	1.3	4.3
Engineers	1,751	8.5	3.9	2.9
Aerospace engineers	89	6.4	3.3	1.3
Chemical engineers	70	6.3	.7	2.8
Civil engineers	217	7.9	3.4	3.9
Electrical and electronic engineers	527	8.4	5.2	2.4
Industrial engineers	204	14.0	4.7	3.5
Mechanical engineers	303	5.3	3.7	2.7
Mathematical and computer scientists	935	33.5	6.8	3.1
Computer systems analysts and scientists	693	29.6	5.9	2.9
Operations and systems researchers and analysts	192	45.2	9.3	4.2
Natural scientists	459	27.2	3.0	3.0
Chemists, except biochemists	120	30.1	2.8	3.4
Geologists and geodesists	52	11.8	.3	1.0
Biological and life scientists	95	33.8	2.8	4.6
Medical scientists	66	40.3	4.1	3.8
Health diagnosing occupations	914	18.3	2.6	3.5
Physicians	614	20.4	3.3	4.3
Dentists	162	8.5	1.1	1.6
Health assessment and treating occupations	2,517	86.8	8.5	3.4
Registered nurses	1,805	94.3	8.5	2.9
Pharmacists	198	37.8	5.6	2.2
Dietitians	90	89.8	21.3	8.5
Therapists	381	79.6	6.1	4.8
Respiratory therapists	77	67.9	8.3	7.3
Physical therapists	104	76.5	4.4	7.6
Speech therapists	79	92.1	1.7	.3
Teachers, college and university	737	40.9	4.7	2.7
Teachers, except college and university	4,216	74.8	9.3	3.4
Prekindergarten and kindergarten	481	98.6	12.7	5.9
Elementary school	1,643	85.4	10.4	3.3
Secondary school	1,172	55.5	7.6	2.7
Special education	269	84.7	10.0	2.1
Counselors, educational and vocational	234	65.8	11.4	5.6
Librarians, archivists, and curators	207	83.6	5.6	3.0
Librarians	182	87.6	5.8	2.7
Social scientists and urban planners	387	54.1	6.7	3.1
Economists	122	43.3	7.9	3.0
Psychologists	223	62.5	6.2	3.3
Social, recreation, and religious workers	1,069	50.5	14.8	5.9
Social workers	590	68.9	20.2	7.4
Recreation workers	93	72.3	15.7	3.5
Clergy	317	8.4	6.4	4.0

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	1992			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Lawyers and judges	788	21.4	3.1	2.0
Lawyers	753	21.4	2.7	1.9
Writers, artists, entertainers, and athletes	2,019	47.2	4.9	4.5
Authors	125	54.5	2.7	.9
Technical writers	54	53.9	3.8	4.2
Designers	542	54.8	3.0	4.3
Musicians and composers	188	29.4	11.2	6.6
Actors and directors	96	40.3	6.6	3.8
Painters, sculptors, craft artists, and artist printmakers	222	50.3	2.8	3.9
Photographers	129	26.4	6.4	4.6
Editors and reporters	264	49.7	4.4	2.8
Public relations specialists	161	58.5	5.5	2.4
Announcers	53	16.9	6.8	7.1
Athletes	71	25.8	9.7	5.3
Technical, sales, and administrative support	36,808	63.9	9.1	6.1
Technicians and related support	4,253	49.0	9.7	4.5
Health technologists and technicians	1,517	81.8	12.3	5.2
Clinical laboratory technologists and technicians	301	77.6	12.6	6.2
Dental hygienists	74	99.0	.6	.9
Health record technologists and technicians	57	88.9	12.9	8.2
Radiologic technicians	146	74.0	6.7	5.1
Licensed practical nurses	453	94.8	17.2	3.1
Engineering and related technologists and technicians	920	17.5	7.0	4.8
Electrical and electronic technicians	330	12.2	9.2	5.3
Drafting occupations	255	19.0	4.4	3.9
Surveying and mapping technicians	72	7.8	.3	6.6
Science technicians	240	36.1	8.3	4.3
Biological technicians	79	51.7	5.2	5.9
Chemical technicians	77	26.7	10.0	3.6
Technicians, except health, engineering, and science	1,576	37.9	8.9	3.8
Airplane pilots and navigators	97	2.3	2.2	2.5
Computer programmers	550	33.0	6.8	2.5
Legal assistants	241	76.7	10.0	5.2
Sales occupations	13,919	47.9	6.2	5.6
Supervisors and proprietors	3,886	34.8	4.0	4.8
Sales representatives, finance and business services	2,247	40.0	4.7	3.6
Insurance sales	573	31.7	6.1	3.9
Real estate sales	719	50.4	2.6	3.7
Securities and financial services sales	322	29.6	3.7	2.5
Advertising and related sales	164	49.3	6.0	3.0
Sales occupations, other business services	467	37.9	6.5	4.2
Sales representatives, commodities, except retail	1,570	21.8	2.4	3.3
Sales representatives, mining, manufacturing, and wholesale	1,537	22.1	2.4	3.4
Sales workers, retail and personal services	6,129	65.5	9.1	7.5
Sales workers, motor vehicles and boats	270	7.1	5.4	5.8
Sales workers, apparel	477	82.3	10.4	8.2
Sales workers, shoes	110	60.0	10.0	11.5
Sales workers, furniture and home furnishings	159	42.1	7.7	5.2
Sales workers, radio, television, hi-fi, and appliances	182	25.3	6.0	5.9
Sales workers, hardware and building supplies	235	20.8	1.3	5.1
Sales workers, parts	153	7.5	3.8	9.8
Sales workers, other commodities	1,391	69.9	6.2	6.3
Sales counter clerks	197	65.4	7.3	8.8
Cashiers	2,519	79.3	12.8	8.5
Street and door-to-door sales workers	316	71.8	6.7	5.9
News vendors	121	31.7	7.3	6.6
Sales-related occupations	93	65.7	6.0	4.0
Demonstrators, promoters, and models	55	78.9	8.2	4.5
Administrative support occupations, including clerical	18,636	79.3	11.1	6.7
Supervisors, administrative support	759	56.7	11.7	7.2
Supervisors, general office	466	63.9	12.1	7.0
Supervisors, financial records processing	87	74.0	5.1	4.1
Supervisors, distribution, scheduling, and adjusting clerks	175	30.5	13.4	10.0
Computer equipment operators	664	63.6	13.0	6.7
Computer operators	661	63.6	13.1	6.6
Secretaries, stenographers, and typists	4,315	98.4	9.3	5.7
Secretaries	3,700	99.0	8.2	5.4
Stenographers	72	92.1	3.1	4.9

See footnotes at end of table.

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

(Numbers in thousands)

Occupation	1992			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Typists	547	95.1	17.2	7.7
Information clerks	1,653	88.7	8.3	7.9
Interviewers	150	77.9	12.9	9.2
Hotel clerks	107	74.3	11.8	6.4
Transportation ticket and reservation agents	250	74.4	5.9	7.1
Receptionists	892	97.3	7.5	8.0
Records processing, except financial	916	79.6	15.4	7.4
Order clerks	219	76.0	16.8	7.0
Personnel clerks, except payroll and timekeeping	68	89.9	12.2	6.3
Library clerks	152	77.7	10.1	4.6
File clerks	292	81.3	17.9	8.6
Records clerks	172	79.0	15.9	9.4
Financial records processing	2,335	90.6	5.3	5.4
Bookkeepers, accounting, and auditing clerks	1,841	90.7	4.3	5.2
Payroll and timekeeping clerks	171	90.8	7.1	5.1
Billing clerks	180	92.4	10.3	5.4
Cost and rate clerks	67	81.1	7.4	9.6
Billing, posting, and calculating machine operators	72	92.4	12.7	8.4
Duplicating, mail and other office machine operators	72	53.6	19.5	6.9
Communications equipment operators	226	88.3	19.5	6.2
Telephone operators	215	89.9	18.9	6.3
Mail and message distributing	902	37.3	19.0	7.6
Postal clerks, except mail carriers	252	46.1	26.6	8.4
Mail carriers, postal service	325	27.8	14.5	5.0
Mail clerks, except postal service	180	49.5	21.3	9.6
Messengers	144	28.2	13.1	9.8
Material recording, scheduling, and distributing clerks	1,846	43.5	12.7	8.2
Dispatchers	213	55.4	10.2	5.6
Production coordinators	194	49.2	9.2	3.3
Traffic, shipping, and receiving clerks	550	31.6	14.6	10.6
Stock and inventory clerks	544	40.3	12.8	8.7
Weighers, measurers, and checkers and samplers	65	47.2	14.7	14.0
Expeditors	209	66.7	11.8	5.6
Adjusters and investigators	1,300	75.1	11.9	6.1
Insurance adjusters, examiners, and investigators	373	76.1	11.6	4.7
Investigators and adjusters, except insurance	686	75.6	12.1	6.7
Eligibility clerks, social welfare	78	86.9	13.9	8.6
Bill and account collectors	163	64.6	11.2	5.8
Miscellaneous administrative support	3,642	82.9	12.8	7.3
General office clerks	717	83.5	12.6	8.1
Bank tellers	468	89.8	7.7	6.1
Data-entry keyers	571	84.9	17.1	7.8
Statistical clerks	58	78.6	15.8	6.2
Teachers' aides	485	91.9	15.2	11.4
Service occupations	16,096	59.7	17.5	11.3
Private household	876	95.9	18.6	19.6
Child care workers	353	97.1	10.2	12.6
Cleaners and servants	484	94.8	23.6	24.6
Protective service	2,096	16.7	18.0	7.2
Supervisors	172	9.5	13.2	7.7
Police and detectives	81	10.8	8.1	10.0
Guards	54	13.9	24.6	7.5
Firefighting and fire prevention occupations	205	3.3	6.5	3.7
Firefighting occupations	190	2.4	6.5	3.5
Police and detectives	862	15.8	16.6	6.7
Police and detectives, public service	459	10.6	10.8	7.3
Sheriffs, bailiffs, and other law enforcement officers	108	20.8	16.3	7.4
Correctional institution officers	295	21.9	25.7	5.5
Guards	860	22.3	23.1	8.5
Guards and police, except public services	730	15.4	25.1	9.1
Service occupations, except private household and protective service	13,124	64.1	17.3	11.4
Food preparation and service occupations	5,459	59.0	13.0	12.2
Supervisors, food preparation and service	338	67.2	13.2	6.5
Bartenders	291	55.0	2.9	4.9
Waiters and waitresses	1,369	79.6	4.7	7.6
Cooks	1,877	46.1	18.5	14.7
Food counter, fountain and related occupations	316	72.6	12.3	8.5
Kitchen workers, food preparation	246	76.0	15.9	11.4

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	1992			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Waiters' and waitresses' assistants	364	37.5	14.3	19.0
Miscellaneous food preparation	646	49.1	17.2	18.9
Health service occupations	2,105	88.8	27.7	7.1
Dental assistants	169	98.6	3.9	10.6
Health aides, except nursing	363	81.3	22.7	6.1
Nursing aides, orderlies, and attendants	1,574	89.4	31.4	7.0
Cleaning and building service occupations	2,988	41.1	22.6	16.4
Supervisors	173	36.6	25.7	13.2
Maids and housemen	638	82.3	27.3	19.5
Janitors and cleaners	2,118	30.0	21.3	15.9
Personal service occupations	2,573	81.7	11.9	7.5
Supervisors	75	60.5	9.9	6.1
Barbers	86	20.9	15.3	7.6
Hairdressers and cosmetologists	758	90.8	9.6	6.7
Attendants, amusement and recreation facilities	153	47.9	9.3	6.5
Public transportation attendants	91	82.5	10.8	8.6
Welfare service aides	92	87.7	18.3	16.5
Family child care providers	320	98.7	7.5	9.7
Early childhood teachers' assistants	385	95.9	14.4	6.3
Precision production, craft, and repair	13,128	8.6	7.6	9.1
Mechanics and repairers	4,441	3.3	7.6	7.8
Supervisors	231	8.0	6.4	3.0
Mechanics and repairers, except supervisors	4,209	3.1	7.7	8.1
Vehicle and mobile equipment mechanics and repairers	1,845	1.1	6.8	10.1
Automobile mechanics	894	.8	7.4	10.7
Bus, truck, and stationary engine mechanics	333	.5	7.5	7.6
Aircraft engine mechanics	143	4.6	8.0	15.3
Small engine repairers	55	2.1	3.0	7.1
Automobile body and related repairers	202	.5	5.1	12.9
Heavy equipment mechanics	158	.3	5.7	5.2
Industrial machinery repairers	554	2.3	8.4	7.6
Electrical and electronic equipment repairers	654	7.4	8.7	6.1
Electronic repairers, communications and industrial equipment	155	4.9	5.4	6.4
Data processing equipment repairers	146	10.4	7.8	6.8
Household appliance and power tool repairers	51	3.9	10.3	5.5
Telephone line installers and repairers	58	3.4	12.9	6.4
Telephone installers and repairers	172	10.4	9.6	4.9
Heating, air conditioning, and refrigeration mechanics	241	.6	6.9	4.7
Miscellaneous mechanics and repairers	891	5.1	8.4	6.4
Office machine repairers	59	2.6	8.1	3.4
Construction trades	4,790	1.9	6.9	9.1
Supervisors	654	1.2	4.1	5.0
Construction trades, except supervisors	4,137	2.0	7.3	9.8
Brickmasons and stonemasons	180	.9	18.0	11.9
Tile setters, hard and soft	59	1.2	6.4	17.3
Carpet installers	101	1.5	9.9	13.4
Carpenters	1,236	1.0	5.4	8.1
Drywall installers	116	1.6	6.9	14.9
Electricians	663	1.3	5.1	5.6
Electrical power installers and repairers	103	.3	10.4	4.2
Painters, construction and maintenance	537	5.0	9.1	14.4
Plumbers, pipefitters, and steamfitters	426	.9	7.0	6.8
Concrete and terrazzo finishers	59	1.4	25.4	19.7
Insulation workers	58	3.6	8.2	12.4
Roofers	188	.6	7.5	15.5
Extractive occupations	130	.6	3.4	7.3
Precision production occupations	3,765	23.7	8.6	10.8
Supervisors	1,221	17.0	7.5	8.9
Precision metalworking	822	6.6	6.3	7.7
Tool and die makers	130	1.8	2.3	2.1
Machinists	454	4.2	8.0	9.4
Sheet-metal workers	101	5.2	4.5	7.1
Precision woodworking occupations	109	11.0	4.8	9.4
Cabinet makers and bench carpenters	73	6.3	3.0	8.0
Precision textile, apparel, and furnishings machine workers	244	56.2	9.6	18.4
Dressmakers	108	92.8	7.1	12.9
Upholsters	70	20.8	9.0	19.8
Precision workers, assorted materials	523	56.2	10.4	13.2

See footnotes at end of table.

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

(Numbers in thousands)

Occupation	1992			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Optical goods workers	64	49.8	5.7	9.7
Dental laboratory and medical appliance technicians	52	43.8	7.8	19.4
Electrical and electronic equipment assemblers	321	65.8	12.3	13.5
Precision food production occupations	452	32.1	12.8	19.7
Butchers and meat cutters	286	23.5	14.0	23.2
Bakers	120	39.8	10.8	14.9
Precision inspectors, testers, and related workers	130	23.9	9.3	8.3
Inspectors, testers, and graders	122	22.1	9.5	8.8
Plant and system operators	264	3.8	10.4	4.2
Water and sewage treatment plant operators	55	4.0	4.7	.9
Stationary engineers	119	2.5	11.8	3.8
Operators, fabricators, and laborers	16,957	25.0	15.1	11.8
Machine operators, assemblers, and inspectors	7,524	39.7	15.0	13.5
Machine operators and tenders, except precision	4,842	40.1	16.4	14.2
Metalworking and plastic working machine operators	400	18.0	9.4	9.7
Punching and stamping press machine operators	120	28.3	14.0	12.4
Grinding, abrading, buffing, and polishing machine operators	125	16.7	7.6	9.8
Metal and plastic processing machine operators	153	21.1	13.1	12.9
Molding and casting machine operators	105	27.8	10.3	13.4
Woodworking machine operators	134	14.1	12.5	8.1
Sawing machine operators	79	13.2	15.5	9.7
Printing machine operators	444	23.1	6.8	10.0
Printing press operators	314	13.6	6.3	12.3
Typesetters and compositors	56	67.3	4.7	3.7
Textile, apparel, and furnishings machine operators	1,200	76.4	23.7	18.0
Winding and twisting machine operators	70	70.6	41.8	.1
Textile sewing machine operators	676	87.4	20.2	22.4
Pressing machine operators	123	67.1	27.1	23.6
Laundering and dry cleaning machine operators	193	58.9	24.5	14.6
Machine operators, assorted materials	2,494	31.7	16.1	14.2
Packaging and filling machine operators	347	60.0	20.2	21.0
Mixing and blending machine operators	107	9.4	14.6	10.9
Separating, filtering, and clarifying machine operators	61	12.3	11.5	6.7
Painting and paint spraying machine operators	182	12.2	11.9	17.4
Furnace, kiln, and oven operators, except food	70	4.8	13.2	6.3
Slicing and cutting machine operators	193	30.8	11.9	18.7
Photographic process machine operators	88	52.5	7.8	8.2
Fabricators, assemblers, and hand working occupations	1,904	33.2	11.6	12.1
Welders and cutters	570	4.2	7.7	11.8
Assemblers	1,116	44.9	13.9	12.5
Production inspectors, testers, samplers, and weighers	773	53.6	14.6	12.3
Production inspectors, checkers, and examiners	583	54.9	14.1	9.7
Graders and sorters, except agricultural	133	58.0	19.2	26.8
Transportation and material moving occupations	4,878	8.8	14.9	8.4
Motor vehicle operators	3,706	10.2	15.7	8.6
Supervisors	87	15.4	8.2	8.4
Truck drivers	2,694	4.6	13.6	8.5
Drivers--sales workers	184	8.6	7.3	5.0
Bus drivers	479	41.7	24.7	7.0
Taxicab drivers and chauffeurs	214	10.2	29.5	14.0
Transportation occupations, except motor vehicles	162	3.6	10.2	4.7
Rail transportation	108	4.0	13.7	4.2
Water transportation	53	2.7	2.9	5.5
Material moving equipment operators	1,009	4.5	12.4	8.6
Operating engineers	192	.9	7.7	5.9
Crane and tower operators	78	3.1	13.3	3.5
Excavating and loading machine operators	116	.8	6.2	4.3
Grader, dozer, and scraper operators	89	.8	9.5	3.4
Industrial truck and tractor equipment operators	421	6.6	17.4	12.5
Handlers, equipment cleaners, helpers, and laborers	4,556	18.0	15.4	12.5
Helpers, construction and extractive occupations	119	3.8	8.0	16.7
Helpers, construction trades	110	4.0	8.7	17.5
Construction laborers	654	3.1	12.5	16.7
Production helpers	52	20.3	11.4	14.7
Freight, stock, and material handlers	1,737	18.6	16.6	9.8
Stock handlers and baggers	916	24.4	12.0	9.4
Machine feeders and offbearers	90	37.0	22.5	7.9
Garage and service station related occupations	196	5.2	11.1	9.6

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	1992			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Vehicle washers and equipment cleaners	246	13.3	23.5	15.1
Hand packers and packagers	321	62.9	14.0	15.9
Laborers, except construction	1,177	18.2	15.8	12.4
Farming, forestry, and fishing	3,456	15.9	6.5	15.1
Farm operators and managers	1,232	15.4	.9	1.7
Farmers	1,102	15.7	.9	1.7
Farm managers	132	12.8	1.0	1.9
Other agricultural and related occupations	2,054	17.2	9.7	23.9
Farm occupations, except managerial	950	22.0	7.9	28.4
Farm workers	866	21.6	8.2	27.8
Related agricultural occupations	1,104	13.0	11.2	19.9
Supervisors	61	5.2	3.7	10.0
Groundskeepers and gardeners, except farm	907	5.9	12.6	20.7
Animal caretakers, except farm	94	65.0	4.9	4.8
Forestry and logging occupations	109	5.4	13.0	7.4
Timber cutting and logging occupations	78	1.6	17.1	2.3
Fishers, hunters, and trappers	60	3.9	.9	5.5
Fishers	51	4.4	.6	6.4

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. Data for 1992 are not fully comparable

with data for prior years because of the introduction of the occupational classification system used in the 1990 census.

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

(In thousands)

Age and sex	1992								
	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self-employed workers	Unpaid family workers	Wage and salary workers	Self-employed workers	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	105,540	1,116	18,086	86,338	8,619	232	1,696	1,398	113
16 to 19 years	5,094	162	295	4,636	69	11	174	27	23
16 to 17 years	1,907	99	91	1,718	28	4	78	17	16
18 to 19 years	3,186	63	205	2,918	41	7	96	10	8
20 to 24 years	11,567	126	1,062	10,379	250	18	256	56	9
25 to 34 years	29,864	184	4,137	25,542	1,776	35	520	231	16
35 to 44 years	28,268	213	5,780	22,276	2,633	65	354	324	19
45 to 54 years	18,685	173	4,332	14,180	2,034	52	196	263	17
55 to 64 years	9,561	154	2,063	7,343	1,245	34	133	278	17
55 to 59 years	5,845	83	1,282	4,480	713	19	76	133	8
60 to 64 years	3,716	71	782	2,863	533	15	58	145	8
65 years and over	2,501	105	416	1,981	613	18	63	220	12
Men, 16 years and over	55,592	152	8,307	47,133	5,639	39	1,321	1,175	39
16 to 19 years	2,563	34	135	2,393	36	7	136	26	17
16 to 17 years	947	22	35	869	12	3	63	16	12
18 to 19 years	1,616	12	100	1,504	24	4	73	10	6
20 to 24 years	5,924	21	478	5,424	161	8	210	48	6
25 to 34 years	16,095	28	1,949	14,118	1,150	6	395	195	6
35 to 44 years	14,820	24	2,559	12,237	1,704	5	270	265	2
45 to 54 years	9,727	15	1,984	7,728	1,341	2	146	209	1
55 to 64 years	5,127	12	995	4,120	839	3	110	233	1
55 to 59 years	3,131	7	603	2,522	478	1	62	109	-
60 to 64 years	1,996	6	393	1,597	361	2	49	124	1
65 years and over	1,336	17	205	1,114	408	7	54	199	4
Women, 18 years and over	49,947	964	9,779	39,205	2,981	193	375	224	74
16 to 19 years	2,531	128	160	2,243	33	4	38	1	6
16 to 17 years	961	77	55	829	16	1	15	1	4
18 to 19 years	1,570	51	105	1,414	17	3	23	-	2
20 to 24 years	5,643	105	584	4,955	89	9	46	8	3
25 to 34 years	13,769	156	2,188	11,425	627	28	125	36	9
35 to 44 years	13,448	188	3,221	10,038	928	59	84	60	17
45 to 54 years	8,958	158	2,347	6,453	693	50	50	54	15
55 to 64 years	4,434	142	1,068	3,224	406	30	23	45	15
55 to 59 years	2,713	76	679	1,958	235	18	14	23	8
60 to 64 years	1,720	65	389	1,266	171	13	9	22	7
65 years and over	1,165	87	211	867	205	11	9	21	8

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

(In thousands)

Industry and sex	1992					
	Total employed	Wage and salary workers			Self-employed workers	Unpaid family workers
		Total	Government	Private industries		
TOTAL						
Mining	664	640	1	639	23	1
Construction	7,013	5,514	512	5,002	1,466	34
Manufacturing	19,972	19,566	131	19,435	392	14
Durable goods	11,508	11,254	100	11,153	244	10
Nondurable goods	8,465	8,312	31	8,282	149	4
Transportation and public utilities	8,245	7,898	1,558	6,339	337	10
Wholesale and retail trade	24,354	22,491	107	22,384	1,776	87
Wholesale trade	4,765	4,406	8	4,398	347	12
Retail trade	19,589	18,085	99	17,986	1,429	75
Finance, insurance, and real estate	7,764	7,119	209	6,910	630	15
Services	40,758	36,691	9,947	26,745	3,995	71
Private households	1,127	1,116	-	1,116	10	-
Other service industries	39,631	35,575	9,947	25,629	3,985	71
Business and repair	6,553	5,329	59	5,270	1,199	25
Personal, except private households	3,273	2,579	11	2,568	683	10
Entertainment and recreation	1,957	1,717	320	1,397	237	4
Professional	27,677	25,827	9,492	16,335	1,820	30
Hospitals	4,915	4,906	1,016	3,890	9	-
Health services, except hospitals	5,356	4,936	489	4,448	408	13
Educational	9,201	9,096	7,217	1,879	104	1
Social services	2,727	2,265	614	1,651	457	4
Other	5,478	4,624	157	4,467	842	12
Forestry and fisheries	172	123	65	59	47	1
Public administration	5,620	5,620	5,619	-	-	-
Men						
Mining	558	535	1	535	22	-
Construction	6,393	4,992	462	4,529	1,395	6
Manufacturing	13,399	13,116	105	13,011	281	2
Durable goods	8,402	8,207	84	8,123	194	1
Nondurable goods	4,997	4,909	21	4,888	87	1
Transportation and public utilities	5,912	5,620	1,140	4,480	291	1
Wholesale and retail trade	12,991	11,888	45	11,843	1,085	18
Wholesale trade	3,374	3,088	6	3,082	284	2
Retail trade	9,617	8,800	39	8,761	801	16
Finance, insurance, and real estate	3,183	2,759	113	2,646	422	2
Services	15,616	13,462	3,221	10,242	2,143	10
Private households	156	152	-	152	4	-
Other service industries	15,460	13,310	3,221	10,089	2,139	10
Business and repair	4,246	3,400	35	3,365	841	4
Personal, except private households	1,196	976	5	971	219	2
Entertainment and recreation	1,169	1,008	201	807	161	1
Professional	8,712	7,832	2,937	4,896	876	3
Hospitals	1,148	1,143	315	829	5	-
Health services, except hospitals	1,149	878	118	760	271	-
Educational	2,975	2,948	2,251	698	27	-
Social services	494	477	159	318	15	2
Other	2,945	2,386	95	2,291	558	1
Forestry and fisheries	137	94	43	51	42	1
Public administration	3,220	3,220	3,220	-	-	-
Women						
Mining	106	105	-	104	1	1
Construction	621	522	50	473	71	28
Manufacturing	6,574	6,450	26	6,425	111	12
Durable goods	3,106	3,047	16	3,031	49	9
Nondurable goods	3,468	3,403	10	3,394	61	3
Transportation and public utilities	2,333	2,278	419	1,859	47	9
Wholesale and retail trade	11,363	10,603	62	10,541	692	69
Wholesale trade	1,391	1,319	3	1,316	63	10
Retail trade	9,972	9,285	59	9,225	629	59
Finance, insurance, and real estate	4,581	4,381	97	4,284	208	13
Services	25,142	23,229	6,726	16,503	1,852	61
Private households	971	964	-	964	6	-
Other service industries	24,172	22,265	6,726	15,539	1,846	61
Business and repair	2,307	1,929	24	1,905	357	21
Personal, except private households	2,078	1,603	6	1,597	464	9
Entertainment and recreation	768	709	119	590	76	3
Professional	18,965	17,995	6,556	11,439	943	27
Hospitals	3,787	3,783	701	3,082	4	-
Health services, except hospitals	4,208	4,059	371	3,688	138	13
Educational	6,226	6,148	4,966	1,181	77	1
Social services	2,233	1,788	456	1,332	442	3
Other	2,533	2,238	62	2,176	284	11
Forestry and fisheries	35	29	21	8	5	1
Public administration	2,399	2,399	2,399	-	-	-

NOTE: Data for 1992 are not fully comparable with data for prior years because of the introduction of the industrial classification system used in the 1990 census.

25. Employed civilians by industry, sex, and occupation

(In thousands)

Industry and sex	1992												
	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	3,207	91	75	44	20	119	-	17	44	10	43	19	2,725
Mining	664	101	58	30	7	78	-	12	213	28	105	30	1
Construction	7,013	899	147	67	73	410	-	33	4,043	98	479	737	27
Manufacturing	19,972	2,418	1,642	756	771	2,283	-	327	3,780	6,136	744	1,052	83
Durable goods	11,508	1,417	1,071	523	309	1,251	-	159	2,554	3,299	373	477	75
Nondurable goods	8,465	1,002	571	233	462	1,011	-	169	1,226	2,837	371	575	8
Transportation and public utilities	8,245	948	458	373	249	2,269	-	271	1,223	113	1,870	454	18
Wholesale and retail trade	24,354	2,149	460	190	10,014	2,390	-	4,810	1,406	291	1,005	1,779	60
Wholesale trade	4,765	557	86	45	1,889	815	-	41	300	115	485	395	36
Retail trade	19,589	1,592	374	144	8,125	1,575	-	4,568	1,107	176	520	1,384	24
Finance, insurance, and real estate	7,764	1,972	224	161	1,864	2,963	-	287	169	19	13	22	72
Services	40,758	4,956	12,497	2,364	896	6,681	876	8,266	2,003	792	560	426	440
Private households	1,127	4	10	6	2	14	876	97	14	3	8	19	75
Other service industries	39,631	4,952	12,487	2,359	894	6,667	-	8,169	1,990	790	552	407	365
Professional services	27,677	3,167	11,195	2,027	175	5,006	-	4,978	411	208	315	100	93
Public administration	5,620	1,233	827	266	25	1,462	-	1,397	245	37	59	38	31
Men													
Agriculture	2,534	70	55	12	10	10	-	10	43	8	41	14	2,260
Mining	558	78	53	21	6	17	-	10	212	26	104	30	1
Construction	6,393	767	132	59	60	58	-	26	3,981	96	473	713	27
Manufacturing	13,399	1,728	1,280	592	525	683	-	260	3,156	3,645	699	751	80
Durable goods	8,402	1,055	912	430	235	406	-	130	2,151	2,281	355	374	74
Nondurable goods	4,997	673	368	162	290	277	-	130	1,005	1,364	344	377	7
Transportation and public utilities	5,912	640	338	313	141	921	-	147	1,160	97	1,725	413	16
Wholesale and retail trade	12,991	1,223	225	98	5,014	543	-	2,108	1,234	165	943	1,406	33
Wholesale trade	3,374	341	58	34	1,533	191	-	33	282	80	469	335	17
Retail trade	9,617	882	167	64	3,481	352	-	2,075	952	85	473	1,070	17
Finance, insurance, and real estate	3,183	964	117	73	1,110	447	-	200	161	11	12	20	67
Services	15,616	2,464	5,078	838	372	847	37	2,558	1,818	456	399	355	393
Private households	156	2	1	1	1	2	37	6	12	2	7	17	69
Other service industries	15,460	2,462	5,076	838	371	845	-	2,552	1,806	454	392	338	325
Professional services	8,712	1,366	4,309	595	48	501	-	1,117	354	99	168	75	79
Public administration	3,220	705	498	163	13	322	-	1,140	235	30	54	33	28
Women													
Agriculture	673	21	20	32	10	109	-	6	1	2	2	5	465
Mining	106	23	5	10	1	62	-	2	1	1	1	1	-
Construction	621	132	15	8	13	352	-	7	62	2	6	24	1
Manufacturing	6,574	690	362	164	246	1,580	-	67	624	2,492	46	302	2
Durable goods	3,106	362	159	93	74	845	-	29	403	1,018	18	103	1
Nondurable goods	3,468	328	203	71	172	735	-	38	221	1,473	27	199	1
Transportation and public utilities	2,333	308	120	61	108	1,348	-	123	63	16	144	41	2
Wholesale and retail trade	11,363	926	235	92	5,000	1,847	-	2,502	172	126	62	373	27
Wholesale trade	1,391	216	27	12	355	624	-	8	18	35	16	60	20
Retail trade	9,972	710	207	80	4,644	1,223	-	2,495	155	91	46	314	8
Finance, insurance, and real estate	4,581	1,007	107	88	754	2,516	-	88	8	8	-	1	5
Services	25,142	2,492	7,419	1,526	524	5,834	840	5,708	186	336	161	70	46
Private households	971	2	9	5	1	12	840	91	2	1	1	1	6
Other service industries	24,172	2,490	7,411	1,521	523	5,821	-	5,617	184	335	160	69	40
Professional services	18,965	1,801	6,887	1,433	127	4,505	-	3,861	57	110	147	26	14
Public administration	2,399	529	328	103	12	1,140	-	257	11	7	5	5	3

¹ Includes protective service, not shown separately.

NOTE: Data for 1992 are not fully comparable with data for prior years

because of the introduction of the occupational and industrial classification systems used in the 1990 census.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

26. Employed civilians by industry, race, and occupation

(In thousands)

Industry and race	1992												
	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	2,987	85	72	43	20	115	-	15	43	9	38	16	2,533
Mining	633	98	55	27	7	73	-	12	205	27	99	29	1
Construction	6,429	857	123	63	72	386	-	30	3,727	91	427	632	21
Manufacturing	17,132	2,274	1,488	653	731	1,989	-	245	3,297	4,929	626	832	66
Durable goods	10,077	1,349	962	455	301	1,123	-	124	2,250	2,752	311	390	60
Nondurable goods	7,055	926	526	198	430	866	-	121	1,046	2,178	315	442	7
Transportation and public utilities	6,899	872	398	338	212	1,841	-	200	1,090	90	1,518	329	11
Wholesale and retail trade	21,418	1,925	414	173	8,987	2,135	-	3,840	1,284	251	861	1,494	54
Wholesale trade	4,310	516	73	42	1,784	731	-	33	272	95	407	325	32
Retail trade	17,108	1,409	341	131	7,203	1,404	-	3,806	1,013	155	454	1,169	23
Finance, insurance, and real estate	6,820	1,796	194	133	1,730	2,529	-	209	135	14	9	16	55
Services	34,543	4,489	11,062	1,981	784	5,745	682	6,237	1,777	628	442	337	381
Private households	858	4	8	4	1	13	682	56	12	2	6	14	56
Other service industries	33,686	4,485	11,054	1,977	783	5,733	-	6,181	1,765	626	436	322	325
Professional services	23,537	2,863	9,900	1,690	152	4,308	-	3,701	354	163	248	81	77
Public administration	4,617	1,041	703	221	19	1,153	-	1,143	211	32	39	30	24
BLACK													
Agriculture	153	3	1	1	1	3	-	1	1	1	4	3	136
Mining	24	2	2	2	-	4	-	-	7	1	5	1	-
Construction	441	23	9	2	-	17	-	3	248	5	43	86	5
Manufacturing	2,091	74	59	62	29	203	-	73	340	939	110	189	13
Durable goods	995	29	40	34	4	94	-	31	196	420	58	74	12
Nondurable goods	1,096	45	19	27	24	108	-	43	144	519	51	114	1
Transportation and public utilities	1,104	54	31	23	30	357	-	54	108	18	313	111	6
Wholesale and retail trade	1,968	123	24	10	644	180	-	521	80	31	123	229	4
Wholesale trade	299	18	7	2	44	56	-	7	18	16	70	58	2
Retail trade	1,669	105	17	8	599	124	-	514	62	15	53	171	1
Finance, insurance, and real estate	680	112	21	18	83	329	-	66	29	2	3	5	12
Services	4,661	314	917	260	75	718	163	1,706	157	127	105	73	45
Private households	230	-	2	2	-	1	163	37	-	1	1	4	17
Other service industries	4,431	314	916	257	75	716	-	1,669	156	126	104	69	28
Professional services	3,139	219	834	232	19	547	-	1,112	46	41	63	16	13
Public administration	811	150	91	33	4	253	-	222	26	4	17	7	3

¹ Includes protective service, not shown separately.

NOTE: Data for 1992 are not fully comparable with data for prior years

because of the introduction of the occupational and industrial classification systems used in the 1990 census.

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

(In thousands)

Sex, age, and race	1992									
	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	664	7,013	19,972	11,508	8,465	8,245	24,354	7,764	39,631	5,620
16 to 19 years	8	164	369	165	203	101	2,885	124	1,312	48
20 years and over	656	6,850	19,603	11,342	8,261	8,144	21,469	7,640	38,319	5,572
20 to 24 years	35	700	1,660	866	794	556	3,888	781	3,783	306
25 years and over	622	6,150	17,944	10,476	7,467	7,588	17,581	6,858	34,536	5,266
25 to 54 years	557	5,398	15,593	9,135	6,458	6,897	14,914	5,827	29,312	4,540
55 years and over	65	754	2,351	1,341	1,009	691	2,667	1,031	5,224	726
Men, 16 years and over	558	6,393	13,399	8,402	4,997	5,912	12,991	3,183	15,460	3,220
16 to 19 years	7	151	265	130	135	77	1,446	39	565	22
20 years and over	551	6,242	13,134	8,272	4,862	5,835	11,544	3,144	14,895	3,198
20 to 24 years	27	647	1,079	614	465	374	2,034	240	1,510	160
25 years and over	524	5,598	12,055	7,657	4,397	5,461	9,510	2,904	13,385	3,037
25 to 54 years	472	4,921	10,424	6,632	3,792	4,768	8,112	2,348	11,124	2,612
55 years and over	52	675	1,631	1,025	605	693	1,398	556	2,261	425
Women, 16 years and over	106	621	6,574	3,106	3,468	2,333	11,363	4,581	24,172	2,399
16 to 19 years	1	13	104	35	68	25	1,439	85	748	25
20 years and over	105	608	6,470	3,070	3,400	2,309	9,925	4,497	23,424	2,374
20 to 24 years	8	53	581	252	329	181	1,853	541	2,273	146
25 years and over	98	555	5,889	2,818	3,070	2,127	8,071	3,958	21,151	2,228
25 to 54 years	85	475	5,169	2,502	2,666	1,929	6,802	3,480	18,188	1,927
55 years and over	13	80	720	316	404	198	1,269	476	2,963	301
White										
Men, 16 years and over	535	5,846	11,694	7,406	4,288	4,984	11,381	2,808	13,251	2,745
16 to 19 years	7	138	238	119	120	63	1,269	33	494	18
20 years and over	528	5,708	11,455	7,287	4,168	4,921	10,112	2,775	12,757	2,727
20 to 24 years	26	602	925	542	383	320	1,739	201	1,255	129
25 years and over	503	5,106	10,530	6,746	3,786	4,600	8,373	2,574	11,502	2,597
25 to 54 years	451	4,495	9,089	5,834	3,256	4,011	7,102	2,066	9,512	2,232
55 years and over	52	611	1,441	912	530	589	1,271	508	1,990	365
Women, 16 years and over	98	582	5,439	2,671	2,768	1,916	10,037	4,012	20,435	1,872
16 to 19 years	1	11	87	30	57	22	1,272	75	647	18
20 years and over	97	571	5,352	2,640	2,711	1,894	8,765	3,937	19,788	1,855
20 to 24 years	7	51	477	218	259	143	1,617	476	1,959	114
25 years and over	91	520	4,874	2,423	2,451	1,751	7,148	3,461	17,829	1,741
25 to 54 years	78	442	4,244	2,137	2,107	1,575	5,968	3,016	15,321	1,476
55 years and over	13	78	630	286	344	176	1,180	445	2,508	265
Black										
Men, 16 years and over	17	415	1,260	705	558	764	1,065	263	1,526	367
16 to 19 years	-	8	21	8	13	11	137	3	52	2
20 years and over	17	407	1,240	697	543	753	928	259	1,474	365
20 to 24 years	1	32	118	53	65	44	213	28	181	25
25 years and over	17	375	1,122	644	478	709	715	231	1,294	339
25 to 54 years	16	323	972	555	417	625	632	198	1,103	296
55 years and over	1	52	150	89	81	84	83	33	191	43
Women, 16 years and over	6	26	831	290	541	340	903	418	2,905	444
16 to 19 years	-	1	12	3	10	2	124	7	70	7
20 years and over	6	24	818	287	531	338	779	411	2,835	436
20 to 24 years	1	2	78	21	58	32	185	47	244	26
25 years and over	5	23	740	267	473	306	594	364	2,591	411
25 to 54 years	5	22	682	249	433	289	541	341	2,218	381
55 years and over	-	1	58	18	40	17	53	23	373	30

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	1992			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Total, 16 years and over	117,598	45.7	10.1	7.6
Agriculture	3,210	21.0	4.8	14.5
Agricultural production, crops	984	17.6	5.7	24.0
Agricultural production, livestock	1,232	21.7	2.6	4.1
Veterinary services	156	69.8	1.4	1.7
Landscape and horticultural services	682	9.1	8.6	20.3
Agricultural services, n.e.c.	157	38.7	3.0	23.9
Mining	664	16.0	3.6	7.0
Metal mining	58	8.3	5.7	7.1
Coal mining	122	3.9	1.2	.7
Oil and gas extraction	368	22.0	3.5	8.8
Nonmetallic mining and quarrying, except fuel	118	13.4	5.3	8.0
Construction	7,013	8.9	6.3	8.3
Manufacturing	19,972	32.9	10.4	8.7
Durable goods	11,508	27.0	8.6	7.5
Lumber and wood products, except furniture	683	13.8	12.1	6.2
Logging	137	4.6	16.1	.7
Sawmills, planing mills, and millwork	335	12.9	12.3	6.3
Wood buildings and mobile homes	59	17.2	5.8	9.6
Miscellaneous wood products	153	22.8	10.5	9.6
Furniture and fixtures	599	29.5	7.6	12.0
Stone, clay, glass, and concrete products	545	21.1	11.8	8.3
Glass and glass products	164	29.8	12.3	6.5
Cement, concrete, gypsum, and plaster products	189	10.1	13.4	7.9
Structural clay, pottery, and related products	90	30.5	14.9	8.4
Miscellaneous nonmetallic mineral and stone products	103	19.1	5.4	11.8
Metal industries	1,945	18.3	8.1	8.4
Primary metal industries	774	13.8	9.5	7.0
Blast furnaces, steelworks, rolling, and finishing mills	358	9.4	9.8	6.5
Iron and steel foundries	102	9.3	10.2	4.6
Primary aluminum industries	142	18.1	8.2	8.2
Other primary metal industries	172	21.9	9.4	8.6
Fabricated metal industries	1,171	21.3	7.2	9.3
Cutlery, hand tools, and general hardware	108	34.8	8.6	10.2
Fabricated structural metal products	455	15.6	6.3	8.8
Screw machine products	60	25.1	6.3	10.9
Metal forging and stampings	118	23.9	3.6	6.7
Ordnance	77	26.8	10.2	5.1
Miscellaneous and not specified fabricated metal products	352	21.9	8.8	11.3
Machinery and computing equipment	2,289	23.5	5.9	5.5
Engines and turbines	89	18.6	3.6	4.0
Farm machinery and equipment	115	17.6	11.2	3.6
Construction and material handling machines	192	15.6	5.8	5.0
Metal working machinery	273	17.2	3.7	4.8
Office and accounting machines	50	28.6	12.0	4.4
Computers and related equipment	554	36.9	6.3	5.1
Machinery, except electrical, n.e.c. and not specified	1,016	20.3	5.7	6.4
Electrical machinery, equipment and supplies	1,834	41.6	8.3	7.8
Household appliances	137	39.1	10.6	4.7
Radio, T.V., and communication equipment	380	41.9	8.4	7.0
Electrical machinery, equipment, and supplies, n.e.c. and not specified	1,318	41.8	8.1	8.3
Transportation equipment	2,312	22.2	11.5	6.6
Motor vehicles and motor vehicle equipment	1,130	23.6	13.5	5.0
Aircraft and parts	523	21.8	9.0	10.9
Ship and boat building and repairing	241	11.3	17.2	6.8
Guided missiles, space vehicles, and parts	343	25.7	6.3	5.6
Professional and photographic equipment, and watches	772	41.8	7.2	6.0
Scientific and controlling instruments	237	34.6	6.0	4.8
Medical, dental, and optical instruments and supplies	402	48.6	6.7	8.2
Photographic equipment and supplies	120	33.4	10.9	1.4
Toys, amusements, and sporting goods	140	47.0	4.5	13.3
Miscellaneous and not specified manufacturing industries	379	42.3	7.3	12.7
Nondurable goods	8,465	40.9	12.9	10.5
Food and kindred products	1,764	32.4	14.2	15.5
Meat products	489	36.8	23.1	20.6

See footnotes at end of table.

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

(Numbers in thousands)

Industry	1992			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Dairy products	158	21.9	6.6	5.7
Canned, frozen, and preserved fruits and vegetables	210	42.0	9.7	22.7
Grain mill products	138	24.0	6.8	4.4
Bakery products	206	29.2	12.1	16.7
Sugar and confectionary products	125	39.7	12.1	15.1
Beverage industries	204	19.8	10.3	11.7
Miscellaneous and not specified food and kindred products	236	36.0	15.6	13.7
Tobacco manufactures	52	34.9	34.8	5.7
Textile mill products	652	48.6	28.2	4.5
Knitting mills	105	67.4	18.4	7.6
Carpets and rugs	50	49.3	34.7	2.9
Yarn, thread, and fabric mills	416	47.0	31.3	3.9
Apparel and other finished textile products	1,053	74.7	16.4	20.7
Apparel and accessories, except knit	895	75.8	16.1	21.6
Miscellaneous fabricated textile products	157	68.4	18.0	15.7
Paper and allied products	733	24.7	11.2	6.8
Pulp, paper, and paperboard mills	314	17.0	8.8	3.6
Miscellaneous paper and pulp products	203	35.4	13.3	8.7
Paperboard containers and boxes	216	25.6	12.9	9.6
Printing, publishing, and allied products	1,807	42.9	7.6	6.5
Newspaper publishing and printing	509	42.3	8.8	4.0
Printing, publishing, and allied industries, except newspapers	1,297	43.2	7.1	7.4
Chemicals and allied products	1,302	33.5	10.1	6.3
Plastics, synthetics, and resins	159	28.7	14.2	10.7
Drugs	317	48.1	10.5	6.4
Soaps and cosmetics	170	50.8	12.3	9.0
Paints, varnishes, and related products	57	24.2	8.5	8.1
Agricultural chemicals	53	24.8	3.5	2.3
Industrial and miscellaneous chemicals	547	22.9	8.8	4.4
Petroleum and coal products	181	16.7	10.3	6.6
Petroleum refining	161	16.4	10.2	6.5
Rubber and miscellaneous plastics products	789	35.6	10.3	10.3
Tires and inner tubes	90	18.7	18.5	2.1
Other rubber products, and plastics footwear and belting	161	36.4	8.9	8.9
Miscellaneous plastics products	539	38.2	9.4	12.2
Leather and leather products	134	51.3	12.3	14.1
Footwear, except rubber and plastic	81	55.6	12.0	8.3
Transportation, communications, and other public utilities	8,245	28.3	13.4	6.7
Transportation	5,036	25.3	14.2	7.5
Railroads	298	10.2	12.2	3.7
Bus service and urban transit	504	26.1	26.4	8.2
Taxicab service	107	11.5	35.1	15.0
Trucking service	1,919	14.1	11.1	6.5
Warehousing and storage	138	29.0	14.4	12.1
U.S. Postal Service	811	34.0	21.4	6.7
Water transportation	178	19.7	11.4	8.4
Air transportation	710	35.3	9.1	8.5
Services incidental to transportation	351	63.7	4.8	10.0
Communications	1,592	45.1	12.8	5.5
Radio and television broadcasting and cable	387	40.9	8.6	7.3
Telephone communications	1,166	46.6	14.2	4.9
Utilities and sanitary services	1,620	21.3	11.7	5.5
Electric light and power	681	22.5	9.7	4.4
Gas and steam supply systems	190	25.9	7.4	3.7
Electric and gas, and other combinations	188	22.7	11.8	6.5
Water supply and irrigation	223	20.6	10.6	6.6
Sanitary services	319	14.3	19.0	7.0
Wholesale and retail trade	24,354	46.7	8.1	8.4
Wholesale trade	4,765	29.2	6.3	7.4
Durable goods	2,553	28.2	5.4	6.3
Motor vehicles and equipment	230	23.3	3.6	6.8
Furniture and home furnishings	80	37.4	7.6	7.2
Lumber and construction materials	193	24.6	5.2	7.7
Professional and commercial equipment and supplies	420	32.5	6.6	5.3
Metals and minerals, except petroleum	91	27.8	7.0	4.7
Electrical goods	321	32.3	4.0	5.4
Hardware, plumbing and heating supplies	263	27.4	4.0	5.0
Machinery, equipment, and supplies	651	26.9	4.2	4.9

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	1992			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Scrap and waste materials	177	13.1	12.0	13.5
Miscellaneous wholesale trade, durable goods	127	42.2	6.1	8.1
Nondurable goods	2,204	30.4	7.2	8.8
Paper and paper products	142	37.2	5.8	3.8
Drugs, chemicals, and allied products	224	38.1	7.6	6.7
Apparel, fabrics, and notions	123	44.5	9.4	15.9
Groceries and related products	837	24.4	9.0	12.8
Farm products-raw materials	89	28.1	3.4	2.0
Petroleum products	148	31.5	4.7	4.3
Alcoholic beverages	134	15.0	9.2	4.1
Farm supplies	150	25.0	3.0	2.9
Miscellaneous nondurable goods and not specified wholesale trade	357	40.2	5.8	8.2
Retail trade	19,589	50.9	8.5	8.6
Lumber and building material retailing	499	25.5	4.8	6.1
Hardware stores	206	32.2	3.5	4.0
Retail nurseries and garden stores	117	39.4	2.0	6.9
Department stores	1,996	69.6	10.4	7.9
Variety stores	141	68.9	11.8	7.2
Miscellaneous general merchandise stores	136	57.9	11.4	3.7
Grocery stores	2,947	50.1	8.5	7.4
Retail bakeries	142	58.2	5.4	12.4
Food stores, n.e.c.	190	46.7	5.5	14.7
Motor vehicle dealers	1,035	17.4	5.8	6.6
Auto and home supply stores	436	17.2	6.0	8.2
Gasoline service stations	450	30.9	6.2	5.4
Miscellaneous vehicle dealers	93	21.4	3.5	1.8
Apparel and accessory stores, except shoe	873	77.3	8.6	9.7
Shoe stores	164	54.3	11.6	12.0
Furniture and home furnishings stores	527	34.0	8.5	8.9
Household appliance stores	109	28.3	7.8	5.2
Radio, TV, and computer stores	313	26.8	5.5	6.2
Music stores	119	40.8	5.1	7.9
Eating and drinking places	5,831	53.4	11.4	11.8
Drug stores	616	63.8	7.0	6.5
Liquor stores	122	34.2	9.2	2.7
Sporting goods, bicycles, and hobby stores	337	46.4	4.2	5.6
Book and stationery stores	192	53.7	5.1	3.9
Jewelry stores	175	59.7	2.2	9.1
Gift, novelty, and souvenir shops	179	80.6	2.3	3.8
Sewing, needlework, and piece goods stores	64	80.7	3.9	5.0
Catalog and mail order houses	128	66.5	10.4	3.7
Vending machine operators	73	33.8	2.1	3.6
Direct selling establishments	345	69.7	5.7	7.6
Fuel dealers	106	21.5	4.5	1.5
Retail florists	168	68.3	3.2	6.8
Miscellaneous-retail stores and not specified retail trade	670	53.2	5.7	7.1
Finance, insurance, and real estate	7,764	59.0	8.8	5.9
Banking	1,910	70.6	10.8	6.5
Savings institutions, including credit unions	285	79.6	7.1	3.8
Credit agencies, n.e.c.	445	59.9	6.7	8.0
Security, commodity brokerage, and investment companies	632	41.9	5.0	4.7
Insurance	2,360	61.1	8.6	4.6
Real estate, including real estate-insurance offices	2,135	48.3	8.8	6.9
Services	40,758	61.7	11.4	6.8
Private households	1,127	86.2	20.4	18.4
Other service industries	39,631	61.0	11.2	6.5
Business and repair services	6,553	35.3	10.7	9.4
Advertising	259	51.1	5.0	5.6
Services to dwellings and other buildings	744	43.5	17.9	18.4
Personnel supply services	687	64.6	19.0	7.2
Computer and data processing services	882	35.7	6.0	3.7

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	1992			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Detective and protective services	457	19.4	22.3	8.7
Business services, n.e.c.	1,377	52.4	7.2	7.1
Automobile rental and leasing, without drivers	168	32.9	13.1	10.3
Automobile parking and carwashes	166	15.2	21.7	17.8
Automobile repair and related services	1,136	9.7	6.6	12.2
Electrical repair shops	147	12.5	4.9	6.5
Miscellaneous repair services	528	14.8	5.9	9.2
Personal services, except private household	3,273	63.5	13.0	10.7
Hotels and motels	1,312	55.4	17.4	14.3
Lodging places, except hotels and motels	121	51.0	5.3	3.7
Laundry, cleaning, and garment services	474	56.5	13.9	13.7
Beauty shops	806	90.0	9.3	7.1
Barber shops	86	23.3	15.5	7.2
Funeral service and crematories	103	32.1	9.4	3.3
Dressmaking shops	53	90.6	6.4	10.1
Entertainment and recreational services	1,957	40.3	8.3	7.4
Theaters and motion pictures	522	35.1	9.1	6.1
Video tape rental	99	62.2	2.4	8.5
Bowling alleys, billiard and pool parlors	76	44.1	5.3	.4
Miscellaneous entertainment and recreation services	1,261	40.5	8.6	8.3
Professional and related services	27,677	68.5	11.3	5.2
Hospitals	4,915	76.7	15.8	5.8
Health services, except hospitals	5,356	78.5	12.6	5.7
Offices and clinics of physicians	1,434	72.9	4.2	6.3
Offices and clinics of dentists	583	73.2	1.4	5.3
Offices and clinics of chiropractors	122	60.5	.6	4.0
Offices and clinics of optometrists	65	73.3	1.6	6.6
Offices and clinics of health practitioners, n.e.c.	114	71.5	5.0	2.6
Nursing and personal care facilities	1,750	86.3	22.1	5.0
Health services, n.e.c.	1,288	79.3	16.3	6.6
Educational services	9,201	67.7	10.8	4.9
Elementary and secondary schools	6,178	73.7	11.7	5.2
Colleges and universities	2,587	53.0	9.0	4.4
Vocational schools	86	54.3	10.6	4.1
Libraries	159	79.7	7.1	3.1
Educational services, n.e.c.	195	67.3	6.6	3.5
Social services	2,727	81.8	15.0	6.8
Job training and vocational rehabilitation services	232	49.6	16.9	2.8
Child day care services	834	95.8	15.2	6.7
Family child care homes	326	98.7	7.4	9.6
Residential care facilities, without nursing	432	73.4	16.4	5.4
Social services, n.e.c.	909	75.2	16.3	7.6
Other professional services	5,478	46.2	5.3	3.9
Legal services	1,247	54.4	5.4	4.6
Museums, art galleries, and zoos	115	55.8	9.4	5.5
Labor unions	84	44.3	13.0	4.6
Religious organizations	798	44.9	7.1	4.4
Membership organizations, n.e.c.	378	62.9	8.8	3.7
Engineering, architectural, and surveying services	803	21.0	3.6	3.5
Accounting, auditing, and bookkeeping services	648	56.3	2.6	3.8
Research, development and testing services	593	39.4	4.9	3.3
Management and public relations services	508	44.6	5.7	3.2
Miscellaneous professional and related services	298	53.4	2.8	2.2
Forestry and fisheries	172	20.4	1.3	7.7
Forestry	93	29.4	2.0	10.0
Fisheries	80	9.8	.4	4.9
Public administration	5,620	42.7	14.4	5.6
Executive and legislative offices	157	60.9	11.8	2.6
General government, n.e.c.	629	50.3	14.1	6.0
Justice, public order, and safety	2,075	32.3	14.2	6.2
Public finance, taxation, and monetary policy	366	59.5	12.7	5.4
Administration of human resources programs	729	66.5	19.8	6.5
Administration of environmental quality and housing programs	242	35.2	10.8	3.7
Administration of economic programs	589	39.9	12.5	4.7
National security and international affairs	825	35.3	14.1	5.1

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. Data for 1992 are not fully comparable with data for prior years because of the introduction of the industrial classification system used in the 1990 census. Moreover, detail may not add to totals because of the different estimation procedures used for the detailed categories.

**HOUSEHOLD DATA
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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					
	1991	1992	Total		Wage and salary workers ¹			
			1991	1992	Paid absences		Unpaid absences	
					1991	1992	1991	1992
Total, 16 years and over	5,909	6,082	5,779	5,934	2,927	3,056	2,216	2,228
Vacation	3,297	3,414	3,255	3,366	2,141	2,245	853	866
Illness	1,302	1,258	1,270	1,227	515	508	650	613
Bad weather	118	126	97	95	(²)	(²)	(²)	(²)
Industrial dispute	17	19	17	19	(²)	(²)	(²)	(²)
All other reasons	1,175	1,265	1,140	1,227	270	304	713	749
Men, 16 years and over	2,780	2,823	2,676	2,708	1,445	1,451	857	871
Vacation	1,520	1,553	1,487	1,518	1,078	1,101	271	283
Illness	650	610	626	588	268	248	298	278
All other reasons ³	609	660	563	602	99	102	288	311
Women, 16 years and over	3,130	3,259	3,103	3,226	1,481	1,605	1,359	1,357
Vacation	1,777	1,861	1,768	1,848	1,063	1,144	582	583
Illness	653	648	644	640	247	260	352	335
All other reasons ³	700	750	691	738	171	201	425	438

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	1992					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	111,516	3,059	108,457	100.0	100.0	100.0
1 to 34 hours	30,147	902	29,245	27.0	29.5	27.0
1 to 4 hours	818	44	773	.7	1.4	.7
5 to 14 hours	4,537	206	4,331	4.1	6.7	4.0
15 to 29 hours	13,822	426	13,397	12.4	13.9	12.4
30 to 34 hours	10,970	226	10,744	9.8	7.4	9.9
35 hours and over	81,369	2,157	79,212	73.0	70.5	73.0
35 to 39 hours	7,383	145	7,238	6.6	4.7	6.7
40 hours	41,626	648	40,978	37.3	21.2	37.8
41 hours and over	32,361	1,365	30,996	29.0	44.6	28.6
41 to 48 hours	11,118	208	10,911	10.0	6.8	10.1
49 to 59 hours	12,179	423	11,756	10.9	13.8	10.8
60 hours and over	9,063	734	8,329	8.1	24.0	7.7
Average hours, total at work	39.0	43.4	38.9	-	-	-
Average hours, workers on full-time schedules	43.4	50.7	43.2	-	-	-

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	1992					
	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	30,147	11,029	19,118	29,245	10,710	18,535
Economic reasons	6,385	2,026	4,359	6,116	1,910	4,206
Slack work	3,220	1,728	1,492	3,037	1,623	1,414
Material shortages or repairs to plant and equipment	39	39	-	38	38	-
New job started during week	188	188	-	180	180	-
Job terminated during week	71	71	-	69	69	-
Could find only part-time work	2,867	-	2,867	2,792	-	2,792
Other reasons	23,762	9,003	14,759	23,129	8,800	14,329
Does not want, or unavailable for, full-time work	12,054	-	12,054	11,732	-	11,732
Vacation	1,716	1,716	-	1,696	1,696	-
Illness	1,500	1,326	174	1,473	1,310	163
Bad weather	557	557	-	462	462	-
Industrial dispute	10	10	-	10	10	-
Legal or religious holiday	3,856	3,856	-	3,837	3,837	-
Full time for this job	1,650	-	1,650	1,613	-	1,613
All other reasons	2,419	1,538	881	2,306	1,485	821
Average hours:						
Economic reasons	22.2	24.4	21.2	22.3	24.5	21.3
Other reasons	22.7	27.8	19.5	22.7	27.9	19.6
Worked 30 to 34 hours:						
Economic reasons	2,065	924	1,141	1,994	883	1,111
Other reasons	8,905	6,001	2,904	8,750	5,914	2,836

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

(Numbers in thousands)

Industry	1992								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	108,457	6,116	14,329	88,012	57,016	10,911	20,086	38.9	43.2
Wage and salary workers	100,192	5,316	12,925	81,952	54,199	10,356	17,397	38.8	42.8
Mining	605	12	10	583	300	84	198	45.9	46.9
Construction	5,262	436	226	4,600	3,124	503	973	39.8	42.5
Manufacturing	18,750	538	568	17,644	11,495	2,699	3,450	41.6	42.8
Durable goods	10,797	217	236	10,344	6,691	1,570	2,084	42.1	42.9
Nondurable goods	7,953	322	332	7,299	4,805	1,129	1,366	41.0	42.7
Transportation and public utilities	7,446	249	391	6,805	4,262	914	1,629	41.9	43.9
Wholesale and retail trade	21,602	1,822	4,766	15,014	9,086	2,136	3,792	36.8	43.8
Finance, insurance, and real estate	6,834	175	609	6,051	4,178	691	1,181	39.6	42.1
Service industries	34,345	2,013	6,087	26,245	17,975	2,856	5,414	37.1	42.4
Private households	1,069	226	437	406	276	36	94	26.4	44.1
All other industries	33,276	1,787	5,650	25,839	17,699	2,821	5,319	37.5	42.4
Public administration	5,348	70	267	5,011	3,779	473	759	39.9	41.3
Self-employed workers	8,033	786	1,313	5,934	2,742	543	2,648	40.1	47.7
Unpaid family workers	232	14	91	127	74	11	41	34.5	44.9

NOTE: Data for 1992 are not fully comparable with data for prior years because of the introduction of the industrial classification system used in the 1990 census.

**HOUSEHOLD DATA
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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	1992							
	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	108,457	6,116	14,329	88,012	57,016	30,996	38.9	43.2
16 to 19 years	4,987	576	2,900	1,511	1,199	311	24.3	39.9
16 to 17 years	1,859	149	1,483	227	190	37	18.2	37.7
18 to 19 years	3,128	427	1,418	1,283	1,009	275	28.0	40.2
20 years and over	103,470	5,540	11,428	86,502	55,817	30,685	39.6	43.2
20 to 24 years	11,403	1,045	2,241	8,116	5,797	2,319	35.8	41.8
25 years and over	92,068	4,495	9,187	78,386	50,020	28,366	40.0	43.4
25 to 44 years	59,587	2,993	4,914	51,680	32,546	19,134	40.6	43.5
45 to 64 years	29,594	1,345	2,884	25,365	16,515	8,850	40.1	43.2
65 years and over	2,886	157	1,388	1,342	958	384	28.7	41.7
Men, 16 years and over	58,562	2,925	4,312	51,326	29,794	21,532	41.6	44.7
16 to 19 years	2,516	294	1,359	863	666	197	25.6	40.5
16 to 17 years	920	76	718	126	105	21	18.9	38.0
18 to 19 years	1,596	219	840	737	561	176	29.4	40.9
20 years and over	56,046	2,630	2,953	50,463	29,129	21,334	42.4	44.7
20 to 24 years	5,907	528	934	4,445	2,949	1,497	37.4	42.8
25 years and over	50,139	2,102	2,019	46,018	26,180	19,838	42.9	44.9
25 to 44 years	32,463	1,461	734	30,268	16,849	13,419	43.5	45.1
45 to 64 years	16,054	566	580	14,908	8,755	6,153	43.0	44.7
65 years and over	1,622	74	706	842	576	266	30.5	42.4
Women, 16 years and over	49,895	3,191	10,017	36,667	27,222	9,465	35.6	41.1
16 to 19 years	2,471	282	1,542	648	534	114	23.0	39.0
16 to 17 years	939	73	764	101	86	16	17.5	37.3
18 to 19 years	1,532	208	777	546	448	99	26.5	39.3
20 years and over	47,424	2,910	8,475	36,039	26,688	9,351	36.3	41.1
20 to 24 years	5,495	517	1,307	3,671	2,648	823	34.0	40.5
25 years and over	41,929	2,393	7,168	32,368	23,640	8,528	36.6	41.2
25 to 44 years	27,125	1,533	4,180	21,412	15,698	5,714	37.0	41.2
45 to 64 years	13,540	778	2,306	10,456	7,762	2,694	36.6	41.2
65 years and over	1,264	83	682	499	382	118	26.5	40.6
RACE								
White, 16 years and over	93,383	4,975	12,804	75,604	47,554	28,049	39.0	43.4
Men	51,010	2,398	3,757	44,854	25,203	19,651	41.9	44.9
Women	42,373	2,577	9,047	30,749	22,351	8,398	35.5	41.2
Black, 16 years and over	11,142	907	1,041	9,194	7,205	1,989	37.8	41.3
Men	5,439	414	379	4,646	3,397	1,249	39.3	42.4
Women	5,703	493	662	4,548	3,808	740	36.3	40.1
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	36,911	1,204	1,380	34,327	19,012	15,314	43.5	45.2
Widowed, divorced, or separated	6,396	421	289	5,687	3,320	2,367	42.1	44.7
Single (never married)	15,255	1,300	2,643	11,312	7,462	3,850	37.0	43.1
Women, 16 years and over:								
Married, spouse present	27,594	1,507	5,780	20,307	15,321	4,986	35.5	40.8
Widowed, divorced, or separated	10,045	709	1,225	8,111	5,763	2,347	37.7	41.7
Single (never married)	12,255	975	3,011	8,269	6,137	2,131	34.1	41.2

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

(Numbers in thousands)

Occupation and sex	1992								
	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	108,224	6,070	14,301	87,853	56,826	10,916	20,111	38.9	43.2
Managerial and professional specialty	29,231	703	2,672	25,857	14,598	3,163	8,096	41.7	44.5
Executive, administrative, and managerial	14,119	240	749	13,130	6,835	1,657	4,638	43.7	45.5
Professional specialty	15,113	463	1,923	12,727	7,763	1,506	3,458	39.8	43.6
Technical, sales, and administrative support	35,134	1,630	5,946	27,558	18,945	3,309	5,304	37.6	42.3
Technicians and related support	4,051	97	453	3,501	2,446	480	574	39.3	42.1
Sales occupations	13,323	873	2,613	9,836	5,229	1,274	3,334	38.8	45.4
Administrative support, including clerical	17,760	660	2,879	14,221	11,270	1,555	1,396	36.2	40.2
Service occupations	15,275	1,765	3,949	9,561	6,972	985	1,604	33.9	42.3
Private household	838	162	358	318	222	25	70	26.2	43.2
Protective service	1,976	62	174	1,740	1,084	247	409	41.7	44.8
Service, except private household and protective	12,461	1,540	3,417	7,503	5,666	713	1,125	33.2	41.6
Precision production, craft, and repair	12,488	811	392	11,285	7,253	1,563	2,470	41.2	43.2
Operators, fabricators, and laborers	16,096	1,161	1,343	13,592	9,060	1,896	2,636	39.6	43.0
Machine operators, assemblers, and inspectors	7,177	404	287	6,487	4,674	928	885	40.0	41.8
Transportation and material moving occupations	4,578	275	346	3,957	2,090	550	1,318	42.7	46.1
Handlers, equipment cleaners, helpers, and laborers	4,341	483	710	3,148	2,296	418	433	35.7	41.5
Men, 16 years and over ¹	58,215	2,876	4,244	51,096	29,562	6,746	14,788	41.7	44.7
Managerial and professional specialty	15,672	324	743	14,605	7,114	1,767	5,724	44.5	46.4
Executive, administrative, and managerial	8,299	139	248	7,913	3,541	972	3,400	45.9	47.1
Professional specialty	7,372	185	495	6,692	3,573	795	2,324	43.0	45.5
Technical, sales, and administrative support	12,783	419	1,201	11,163	6,124	1,523	3,517	42.0	45.1
Technicians and related support	2,083	46	106	1,931	1,240	278	413	41.7	43.3
Sales occupations	7,012	245	685	6,082	2,695	816	2,572	43.7	47.3
Administrative support, including clerical	3,687	127	410	3,150	2,189	430	532	38.8	42.1
Service occupations	6,226	579	1,097	4,551	3,142	535	874	36.9	43.2
Private household	35	10	12	13	10	1	2	24.6	(²)
Protective service	1,652	47	108	1,496	903	217	375	42.9	45.2
Service, except private household and protective	4,539	521	976	3,042	2,229	316	497	34.9	42.2
Precision production, craft, and repair	11,426	744	289	10,393	6,605	1,441	2,347	41.5	43.4
Operators, fabricators, and laborers	12,109	810	914	10,384	6,577	1,480	2,327	40.5	43.7
Machine operators, assemblers, and inspectors	4,346	191	118	4,036	2,756	617	664	41.2	42.6
Transportation and material moving occupations	4,197	231	244	3,722	1,930	519	1,273	43.5	46.4
Handlers, equipment cleaners, helpers, and laborers	3,566	388	552	2,626	1,892	345	389	36.1	41.7
Women, 16 years and over ¹	50,009	3,194	10,057	36,758	27,265	4,170	5,323	35.6	41.1
Managerial and professional specialty	13,560	379	1,929	11,252	7,483	1,396	2,372	38.4	42.1
Executive, administrative, and managerial	5,819	101	501	5,217	3,293	685	1,239	40.7	42.9
Professional specialty	7,740	278	1,428	6,035	4,190	711	1,134	36.6	41.4
Technical, sales, and administrative support	22,351	1,211	4,745	16,395	12,821	1,786	1,788	35.1	40.3
Technicians and related support	1,967	51	347	1,570	1,206	202	161	36.8	40.5
Sales occupations	6,311	628	1,929	3,754	2,534	458	762	33.5	42.3
Administrative support, including clerical	14,072	532	2,469	11,071	9,081	1,126	864	35.6	39.7
Service occupations	9,048	1,186	2,852	5,010	3,829	450	731	31.8	41.4
Private household	803	152	346	305	212	24	69	26.3	43.3
Protective service	325	15	66	244	180	30	34	35.7	41.8
Service, except private household and protective	7,921	1,019	2,441	4,461	3,437	396	628	32.2	41.2
Precision production, craft, and repair	1,063	67	103	893	647	122	123	38.1	41.4
Operators, fabricators, and laborers	3,987	351	428	3,208	2,483	416	309	36.9	40.5
Machine operators, assemblers, and inspectors	2,832	213	168	2,450	1,918	312	220	38.1	40.4
Transportation and material moving occupations	381	43	102	236	160	31	45	34.2	42.2
Handlers, equipment cleaners, helpers, and laborers	775	95	158	522	405	73	44	33.9	40.2

¹ Excludes farming, forestry, and fishing occupations.

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

NOTE: Data for 1992 are not fully comparable with data for prior years

because of the introduction of the occupational classification system used in the 1990 census.

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

(In thousands)

Reason and sex	Total		Age							
	1991	1992	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			1991	1992	1991	1992	1991	1992	1991	1992
TOTAL										
Total not in labor force	64,462	64,593	6,458	8,411	4,147	4,067	21,241	21,208	32,616	32,908
Do not want a job now	58,737	58,413	5,322	5,204	3,319	3,233	18,141	17,777	31,958	32,198
Current activity:										
Going to school	6,805	6,723	4,224	4,143	1,631	1,670	935	899	15	11
Ill, disabled	4,994	5,101	42	31	113	133	2,751	2,848	2,088	2,089
Keeping house	23,173	21,705	342	322	1,149	996	11,198	10,597	10,484	9,791
Retired	19,282	20,240	-	-	-	1	422	503	18,859	19,735
Other activity	4,483	4,644	714	709	426	434	2,834	2,930	509	571
Want a job now	5,726	6,181	1,136	1,207	829	833	3,100	3,430	660	710
Reason for not looking:										
School attendance	1,417	1,601	865	935	283	326	264	334	6	6
Ill health, disability	978	1,078	22	17	55	58	718	820	183	182
Home responsibility	1,208	1,236	55	52	228	205	872	938	52	41
Think cannot get a job	1,025	1,097	105	83	114	125	612	694	195	195
Job-market factors	693	772	68	51	76	93	456	540	93	87
Personal factors	332	326	37	32	38	32	156	154	102	106
Other reasons ¹	1,097	1,169	90	119	149	118	634	645	224	286
Men										
Total not in labor force	22,141	22,356	3,158	3,103	1,442	1,455	4,671	4,764	12,870	13,014
Do not want a job now	20,025	20,079	2,574	2,504	1,157	1,147	3,732	3,772	12,563	12,857
Current activity										
Going to school	3,378	3,283	2,158	2,091	839	836	377	352	4	4
Ill, disabled	2,563	2,555	28	20	64	66	1,536	1,541	936	926
Keeping house	415	390	26	19	28	25	175	170	186	176
Retired	11,411	11,531	-	-	-	1	301	338	11,111	11,192
Other activity	2,258	2,320	362	374	226	216	1,343	1,371	326	358
Want a job now	2,116	2,277	584	599	286	309	939	1,012	307	357
Reason for not looking										
School attendance	710	759	466	473	146	169	96	112	2	5
Ill health, disability	495	520	8	12	33	29	372	387	82	92
Think cannot get a job	435	498	60	50	53	65	231	260	91	102
Other reasons ¹	475	500	49	65	54	46	241	232	131	158
Women										
Total not in labor force	42,321	42,237	3,300	3,307	2,705	2,612	16,570	18,424	19,747	19,895
Do not want a job now	38,712	38,334	2,748	2,899	2,162	2,087	14,409	14,006	19,393	19,542
Current activity										
Going to school	3,426	3,440	2,066	2,051	792	834	558	547	11	7
Ill, disabled	2,431	2,546	14	11	49	65	1,215	1,307	1,152	1,163
Keeping house	22,759	21,315	316	303	1,121	971	11,023	10,427	10,298	9,615
Retired	7,870	8,709	-	-	-	-	121	165	7,749	8,544
Other activity	2,226	2,324	351	334	200	217	1,491	1,559	163	213
Want a job now	3,610	3,904	552	608	543	525	2,161	2,418	353	353
Reason for not looking										
School attendance	707	842	398	462	136	158	169	221	4	-
Ill health, disability	483	558	14	8	22	30	346	433	101	90
Home responsibility	1,208	1,236	55	52	228	205	872	938	52	41
Think cannot get a job	590	600	45	33	61	60	381	414	104	93
Other reasons ¹	622	668	41	55	95	73	393	412	93	128

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 patterns 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			
	1991	1992	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			1991	1992	1991	1992	1991	1992	1991	1992	1991	1992
WHITE												
Total not in labor force	54,025	54,132	7,817	7,757	17,166	17,155	29,042	29,219	18,358	18,521	35,667	35,610
Do not want a job now	49,917	49,634	6,460	6,334	14,963	14,679	28,495	28,621	16,827	16,867	33,091	32,768
Current activity:												
Going to school	5,078	5,077	4,384	4,409	682	658	13	10	2,523	2,469	2,556	2,607
Ill, disabled	3,832	3,965	118	124	2,060	2,187	1,654	1,654	2,003	2,008	1,830	1,957
Keeping house	20,188	18,871	1,151	995	9,594	9,066	9,443	8,810	287	272	19,901	18,599
Retired	17,297	18,065	-	1	381	443	16,916	17,621	10,272	10,346	7,025	7,719
Other activity	3,522	3,658	807	806	2,247	2,326	469	526	1,742	1,772	1,780	1,886
Want a job now	4,113	4,494	1,371	1,418	2,195	2,482	547	594	1,529	1,657	2,584	2,837
Reason for not looking:												
School attendance	986	1,118	813	893	170	220	4	5	496	550	490	568
Ill health, disability	724	801	58	55	525	600	141	146	385	391	340	410
Home responsibility	877	911	195	172	640	703	42	36	-	-	877	911
Think cannot get a job	690	742	133	117	395	457	163	168	291	328	399	415
Other reasons ¹	836	922	172	181	466	501	198	240	357	389	478	534
BLACK												
Total not in labor force	8,074	8,067	2,149	2,097	3,036	3,032	2,888	2,938	2,963	2,997	5,110	5,070
Do not want a job now	6,723	6,640	1,641	1,565	2,292	2,236	2,790	2,840	2,488	2,473	4,235	4,168
Current activity:												
Going to school	1,194	1,101	1,059	985	132	116	2	-	563	521	631	581
Ill, disabled	1,030	1,000	30	38	603	580	397	382	494	485	536	516
Keeping house	2,168	2,047	283	266	1,066	1,013	819	769	104	96	2,064	1,951
Retired	1,574	1,702	-	1	33	46	1,541	1,656	916	926	658	776
Other activity	757	790	269	275	457	481	31	33	411	444	346	345
Want a job now	1,351	1,427	508	532	745	797	98	98	476	524	875	903
Reason for not looking:												
School attendance	352	389	277	303	73	86	2	-	164	168	188	221
Ill health, disability	227	245	17	18	170	193	39	34	95	113	131	131
Home responsibility	283	282	83	77	191	202	9	4	-	-	283	282
Think cannot get a job	280	306	75	83	179	200	27	23	121	144	159	162
Other reasons ¹	208	205	56	51	131	116	21	37	95	98	113	107
HISPANIC ORIGIN												
Total not in labor force	5,008	5,113	1,342	1,333	2,354	2,399	1,312	1,380	1,455	1,478	3,553	3,635
Do not want a job now	4,332	4,397	1,087	1,085	1,971	1,980	1,273	1,332	1,231	1,218	3,101	3,179
Current activity:												
Going to school	673	694	587	610	85	84	1	-	313	319	360	375
Ill, disabled	448	441	29	20	285	294	134	127	248	237	200	204
Keeping house	2,152	2,154	350	324	1,365	1,349	437	480	37	35	2,115	2,119
Retired	700	723	-	1	13	14	686	709	429	417	271	307
Other activity	359	384	121	129	222	239	15	15	204	209	155	174
Want a job now	662	742	257	262	370	428	35	52	212	262	449	480
Reason for not looking:												
School attendance	152	180	128	145	24	34	-	1	61	79	92	100
Ill health, disability	101	111	14	7	77	90	11	14	53	55	48	56
Home responsibility	174	174	57	39	116	131	1	4	-	-	174	174
Think cannot get a job	126	160	28	38	85	104	14	18	53	71	73	88
Other reasons ¹	108	117	30	33	68	69	10	15	45	56	63	61

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

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

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

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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	1992							
	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	128	9	-	25	95	107	17	18
Lacks education or training	130	15	24	87	4	95	26	24
Other personal handicap	68	8	8	42	10	51	13	6
Job-market factors:								
Could not find work	484	40	71	339	34	270	197	75
Thinks no job available	267	12	22	201	53	220	52	37
Men								
Personal factors:								
Employers think too young or old	63	6	-	11	47	52	8	9
Lacks education or training	47	9	12	25	1	34	9	11
Other personal handicap	32	3	3	21	4	24	7	2
Job-market factors:								
Could not find work	222	23	34	144	21	121	90	32
Thinks no job available	134	9	16	79	30	97	29	18
Women								
Personal factors:								
Employers think too young or old	65	3	-	14	48	55	9	8
Lacks education or training	83	7	11	61	3	61	17	13
Other personal handicap	36	5	5	20	6	27	6	4
Job-market factors:								
Could not find work	262	17	37	195	13	149	106	43
Thinks no job available	153	2	6	122	23	123	23	19

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

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

38. 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			
	1991	1992	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			1991	1992	1991	1992	1991	1992	1991	1992	1991	1992
TOTAL												
Do not intend to seek work	55,046	55,138	6,037	5,931	17,017	16,942	31,993	32,265	46,781	46,818	6,346	6,347
Intend to seek work in the next 12 months	9,416	9,455	4,569	4,547	4,224	4,266	624	643	7,250	7,310	1,727	1,720
Never worked	1,500	1,620	1,314	1,413	181	197	6	10	999	1,131	397	390
Last worked over 5 years ago	1,064	1,111	46	53	831	846	187	212	777	827	245	245
Last worked 1 to 5 years ago	2,253	2,394	653	672	1,411	1,525	189	197	1,705	1,810	449	482
Worked during the previous 12 months	4,599	4,330	2,555	2,409	1,801	1,698	242	224	3,769	3,542	636	604
Men												
Do not intend to seek work	18,496	18,747	2,415	2,425	3,525	3,635	12,556	12,687	15,562	15,711	2,315	2,367
Intend to seek work in the next 12 months	3,645	3,609	2,185	2,133	1,146	1,149	313	327	2,794	2,812	648	629
Never worked	665	730	631	686	33	41	1	3	447	520	167	170
Last worked over 5 years ago	236	253	14	12	143	150	78	92	157	180	65	62
Last worked 1 to 5 years ago	690	751	225	237	359	411	106	104	518	569	134	148
Worked during the previous 12 months	2,054	1,875	1,315	1,199	610	547	129	129	1,672	1,543	283	250
Women												
Do not intend to seek work	36,550	36,391	3,622	3,506	13,492	13,307	19,436	19,578	31,219	31,107	4,031	3,960
Intend to seek work in the next 12 months	5,771	5,846	2,383	2,413	3,078	3,117	310	316	4,456	4,498	1,079	1,091
Never worked	835	890	683	727	147	156	5	7	552	611	230	220
Last worked over 5 years ago	828	858	32	41	688	696	109	120	619	647	181	183
Last worked 1 to 5 years ago	1,563	1,643	428	436	1,052	1,114	83	93	1,187	1,241	315	334
Worked during the previous 12 months	2,545	2,456	1,241	1,210	1,191	1,151	113	95	2,097	1,999	354	354

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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	
	1991	1992	1991	1992	1991	1992	1991	1992
TOTAL								
Civilian noninstitutional population	189,765	191,576	161,511	162,658	21,615	21,958	14,770	15,244
Civilian labor force	125,303	126,982	107,486	108,526	13,542	13,891	9,762	10,131
Percent of population	66.0	66.3	66.6	66.7	62.6	63.3	66.1	66.5
Employed	116,877	117,598	101,039	101,479	11,863	11,933	8,799	8,971
Agriculture	3,233	3,207	3,000	2,987	160	153	452	466
Nonagricultural industries	113,644	114,391	98,038	98,492	11,703	11,780	8,347	8,506
Unemployed	8,426	9,384	6,447	7,047	1,679	1,958	963	1,160
Unemployment rate	6.7	7.4	6.0	6.5	12.4	14.1	9.9	11.4
Not in labor force	64,462	64,583	54,025	54,132	8,074	8,067	5,008	5,113
Men, 16 years and over								
Civilian noninstitutional population	90,552	91,541	77,689	78,351	9,717	9,888	7,328	7,569
Civilian labor force	68,411	69,184	59,332	59,830	6,754	6,892	5,873	6,091
Percent of population	75.5	75.6	76.4	76.4	69.5	69.7	80.1	80.5
Employed	63,593	63,805	55,557	55,709	5,880	5,846	5,278	5,388
Agriculture	2,552	2,534	2,356	2,346	140	138	398	413
Nonagricultural industries	61,041	61,270	53,201	53,363	5,740	5,708	4,881	4,975
Unemployed	4,817	5,380	3,775	4,121	874	1,046	595	703
Unemployment rate	7.0	7.8	6.4	6.9	12.9	15.2	10.1	11.5
Not in labor force	22,141	22,356	18,358	18,521	2,963	2,997	1,455	1,478
Men, 20 years and over								
Civilian noninstitutional population	83,806	84,891	72,285	73,031	8,676	8,858	6,590	6,814
Civilian labor force	64,822	65,638	56,238	56,811	6,364	6,472	5,493	5,700
Percent of population	77.3	77.3	77.8	77.8	73.4	73.1	83.4	83.7
Employed	60,714	61,019	53,005	53,245	5,632	5,603	4,989	5,107
Agriculture	2,358	2,355	2,174	2,174	132	132	370	387
Nonagricultural industries	58,356	58,664	50,831	51,071	5,500	5,471	4,619	4,720
Unemployed	4,109	4,619	3,233	3,566	732	869	505	593
Unemployment rate	6.3	7.0	5.7	6.3	11.5	13.4	9.2	10.4
Not in labor force	18,983	19,253	16,047	16,220	2,311	2,386	1,096	1,114
Women, 16 years and over								
Civilian noninstitutional population	99,214	100,035	83,822	84,307	11,898	12,069	7,442	7,674
Civilian labor force	56,893	57,798	48,154	48,696	6,788	6,999	3,890	4,040
Percent of population	57.3	57.8	57.4	57.8	57.0	58.0	52.3	52.6
Employed	53,284	53,793	45,482	45,770	5,983	6,087	3,521	3,584
Agriculture	682	673	644	642	21	15	54	52
Nonagricultural industries	52,602	53,121	44,837	45,128	5,963	6,072	3,467	3,531
Unemployed	3,609	4,005	2,672	2,926	805	912	368	456
Unemployment rate	6.3	6.9	5.5	6.0	11.9	13.0	9.5	11.3
Not in labor force	42,321	42,237	35,667	35,610	5,110	5,070	3,553	3,635
Women, 20 years and over								
Civilian noninstitutional population	92,584	93,524	78,532	79,120	10,840	11,025	6,722	6,940
Civilian labor force	53,563	54,594	45,262	45,970	6,433	6,631	3,616	3,753
Percent of population	57.9	58.4	57.7	58.1	59.3	60.1	53.8	54.1
Employed	50,535	51,181	43,046	43,473	5,757	5,856	3,308	3,373
Agriculture	642	627	606	597	20	15	49	47
Nonagricultural industries	49,893	50,553	42,439	42,876	5,737	5,841	3,259	3,325
Unemployed	3,028	3,413	2,237	2,497	677	775	309	380
Unemployment rate	5.7	6.3	4.9	5.4	10.5	11.7	8.5	10.1
Not in labor force	39,021	38,930	33,250	33,150	4,406	4,394	3,106	3,187
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,376	13,161	10,694	10,506	2,100	2,074	1,458	1,490
Civilian labor force	6,918	6,751	5,966	5,744	744	787	653	678
Percent of population	51.7	51.3	55.8	54.7	35.4	37.9	44.7	45.5
Employed	5,628	5,398	4,989	4,761	474	474	503	492
Agriculture	233	225	221	216	8	7	33	31
Nonagricultural industries	5,395	5,174	4,768	4,545	466	467	470	461
Unemployed	1,290	1,352	977	983	270	313	149	186
Unemployment rate	18.6	20.0	16.4	17.1	36.3	39.8	22.9	27.5
Not in labor force	6,458	6,411	4,729	4,762	1,356	1,287	806	812

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	
	1991	1992	1991	1992	1991	1992	1991	1992
TOTAL								
Civilian noninstitutional population	14,770	15,244	8,947	9,368	1,629	1,628	849	867
Civilian labor force	9,762	10,131	5,984	6,319	930	934	543	529
Percent of population	66.1	66.5	66.9	67.5	57.1	57.4	63.9	61.1
Employed	8,799	8,971	5,363	5,581	822	802	499	488
Agriculture	452	466	412	424	7	6	4	7
Nonagricultural industries	8,347	8,506	4,951	5,157	816	796	494	481
Unemployed	963	1,160	621	739	108	132	44	42
Unemployment rate	9.9	11.4	10.4	11.7	11.6	14.1	8.1	7.9
Not in labor force	5,008	5,113	2,963	3,049	699	694	306	337
Men, 16 years and over								
Civilian noninstitutional population	7,328	7,569	4,637	4,806	703	730	414	408
Civilian labor force	5,873	6,091	3,764	3,941	505	511	313	298
Percent of population	80.1	80.5	81.2	82.0	71.8	69.9	75.7	73.2
Employed	5,278	5,388	3,366	3,480	442	431	289	277
Agriculture	398	413	361	376	5	6	4	6
Nonagricultural industries	4,881	4,975	3,005	3,104	437	425	285	271
Unemployed	595	703	398	461	63	80	24	21
Unemployment rate	10.1	11.5	10.6	11.7	12.4	15.6	7.7	7.1
Not in labor force	1,455	1,478	873	865	198	220	101	109
Men, 20 years and over								
Civilian noninstitutional population	6,590	6,814	4,135	4,301	633	645	392	385
Civilian labor force	5,493	5,700	3,487	3,655	477	480	302	288
Percent of population	83.4	83.7	84.3	85.0	75.3	74.4	77.1	74.8
Employed	4,989	5,107	3,155	3,275	421	411	281	270
Agriculture	370	387	334	353	5	6	4	5
Nonagricultural industries	4,619	4,720	2,820	2,922	416	405	276	264
Unemployed	505	593	332	380	55	69	22	19
Unemployment rate	9.2	10.4	9.5	10.4	11.6	14.4	7.2	6.5
Not in labor force	1,096	1,114	648	646	156	165	90	97
Women, 16 years and over								
Civilian noninstitutional population	7,442	7,674	4,310	4,563	926	898	435	459
Civilian labor force	3,890	4,040	2,220	2,379	425	423	229	231
Percent of population	52.3	52.6	51.5	52.1	45.9	47.1	52.8	50.3
Employed	3,521	3,584	1,997	2,101	380	371	210	211
Agriculture	54	52	51	48	1	-	-	1
Nonagricultural industries	3,467	3,531	1,946	2,053	378	371	209	210
Unemployed	368	456	223	278	46	52	20	20
Unemployment rate	9.5	11.3	10.0	11.7	10.7	12.3	8.6	8.9
Not in labor force	3,553	3,635	2,090	2,184	501	475	205	228
Women, 20 years and over								
Civilian noninstitutional population	6,722	6,940	3,829	4,062	841	808	412	440
Civilian labor force	3,616	3,753	2,026	2,178	398	396	221	223
Percent of population	53.8	54.1	52.9	53.6	47.4	49.0	53.6	50.7
Employed	3,308	3,373	1,848	1,953	360	352	202	204
Agriculture	49	47	45	43	1	-	-	1
Nonagricultural industries	3,259	3,325	1,803	1,910	358	352	202	203
Unemployed	309	380	178	225	38	44	19	19
Unemployment rate	8.5	10.1	8.8	10.4	9.6	11.1	8.6	8.4
Not in labor force	3,106	3,187	1,803	1,883	442	412	191	217
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,458	1,490	982	1,006	156	174	44	42
Civilian labor force	653	678	471	486	55	57	19	18
Percent of population	44.7	45.5	47.9	48.3	35.4	33.0	43.7	43.0
Employed	503	492	360	352	41	39	16	14
Agriculture	33	31	32	28	-	-	-	1
Nonagricultural industries	470	461	327	325	41	39	16	13
Unemployed	149	186	111	134	14	19	3	4
Unemployment rate	22.9	27.5	23.6	27.5	25.8	32.5	(²)	(²)
Not in labor force	806	812	511	520	101	117	25	24

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	
	1991	1992	1991	1992	1991	1992	1991	1992
CHARACTERISTIC								
Total (all civilian workers)	116,877	117,598	101,039	101,479	11,863	11,933	8,799	8,971
Men	63,593	63,805	55,557	55,709	5,880	5,846	5,278	5,388
Women	53,284	53,793	45,482	45,770	5,983	6,087	3,521	3,584
OCCUPATION								
Managerial and professional specialty	31,012	31,153	27,943	27,948	1,939	2,009	1,148	1,205
Executive, administrative, and managerial	14,954	14,767	13,629	13,438	858	855	595	622
Professional specialty	16,058	16,386	14,314	14,510	1,081	1,154	553	583
Technical, sales, and administrative support	36,086	36,808	31,530	32,162	3,354	3,337	2,159	2,229
Technicians and related support	3,794	4,253	3,269	3,631	337	410	176	193
Sales occupations	13,958	13,919	12,581	12,564	926	865	770	783
Administrative support, including clerical	18,334	18,636	15,681	15,968	2,091	2,062	1,214	1,253
Service occupations	15,986	16,096	12,576	12,611	2,755	2,809	1,788	1,817
Private household	787	876	596	682	165	163	165	171
Protective service	2,071	2,096	1,680	1,664	348	377	129	150
Service, except private household and protective	13,128	13,124	10,301	10,265	2,243	2,269	1,494	1,496
Precision production, craft, and repair	13,162	13,128	11,799	11,767	1,022	996	1,135	1,204
Mechanics and repairers	4,427	4,441	3,995	4,001	339	337	309	348
Construction trades	4,808	4,790	4,359	4,369	352	332	438	437
Other precision production, craft, and repair	3,927	3,897	3,445	3,397	331	328	388	419
Operators, fabricators, and laborers	17,172	16,957	14,040	13,844	2,569	2,556	2,063	1,993
Machine operators, assemblers, and inspectors	7,696	7,524	6,223	6,070	1,137	1,128	1,031	1,015
Transportation and material moving occupations	4,878	4,878	4,013	4,059	763	724	413	412
Handlers, equipment cleaners, helpers, and laborers	4,597	4,556	3,805	3,715	668	705	619	567
Construction laborers	700	654	603	555	82	82	121	109
Other handlers, equipment cleaners, helpers, and laborers	3,898	3,901	3,202	3,160	587	623	498	458
Farming, forestry, and fishing	3,459	3,456	3,150	3,147	223	225	504	523
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,673	1,696	1,497	1,539	124	114	406	406
Self-employed workers	1,442	1,398	1,387	1,337	36	39	46	59
Unpaid family workers	118	113	117	111	-	-	1	1
Nonagricultural industries:								
Wage and salary workers	104,520	105,540	89,718	90,403	11,259	11,362	7,882	8,053
Government	17,901	18,086	14,606	14,713	2,684	2,734	1,028	1,028
Private industries	86,619	87,454	75,113	75,690	8,575	8,627	6,854	7,025
Private households	994	1,116	746	848	214	229	189	205
Other industries	85,625	86,338	74,366	74,842	8,361	8,398	6,665	6,820
Self-employed workers	8,899	8,619	8,125	7,878	439	413	454	439
Unpaid family workers	225	232	195	211	5	5	11	14
FULL- AND PART-TIME STATUS¹								
Full-time schedules	94,382	95,000	81,335	81,793	9,788	9,803	7,232	7,271
Part time for economic reasons	6,046	6,385	4,968	5,206	883	938	721	832
Part time for noneconomic reasons	16,449	16,213	14,736	14,480	1,192	1,193	846	868

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. Data on occupations and industries for 1992 are not strictly comparable with data for prior years because of the introduction of the classification systems used in the 1990 census.

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	
	1991	1992	1991	1992	1991	1992	1991	1992
CHARACTERISTIC								
Total (all civilian workers)	8,799	8,971	5,363	5,581	822	802	499	488
Men	5,278	5,388	3,366	3,480	442	431	289	277
Women	3,521	3,584	1,997	2,101	380	371	210	211
OCCUPATION								
Managerial and professional specialty	1,148	1,205	558	601	147	146	125	122
Executive, administrative, and managerial	595	622	294	321	75	69	69	73
Professional specialty	553	583	264	280	72	77	56	49
Technical, sales, and administrative support	2,159	2,229	1,208	1,294	263	255	165	158
Technicians and related support	176	193	100	107	20	19	12	17
Sales occupations	770	783	424	451	76	69	71	58
Administrative support, including clerical	1,214	1,253	683	736	166	168	82	83
Service occupations	1,788	1,817	1,014	1,069	144	158	60	59
Private household	165	171	72	78	2	5	3	1
Protective service	129	150	72	80	29	34	8	8
Service, except private household and protective	1,494	1,496	870	911	113	120	50	50
Precision production, craft, and repair	1,135	1,204	745	793	88	88	64	63
Mechanics and repairers	309	348	189	217	27	31	19	18
Construction trades	438	437	306	302	24	24	25	24
Other precision production, craft, and repair	388	419	249	274	37	33	20	21
Operators, fabricators, and laborers	2,063	1,993	1,391	1,360	170	145	78	75
Machine operators, assemblers, and inspectors	1,031	1,015	685	684	100	74	37	35
Transportation and material moving occupations	413	412	276	274	34	32	16	21
Handlers, equipment cleaners, helpers, and laborers	619	567	430	402	36	39	25	20
Construction laborers	121	109	92	81	4	5	3	4
Other handlers, equipment cleaners, helpers, and laborers	498	458	339	321	32	33	21	16
Farming, forestry, and fishing	504	523	448	464	10	9	7	9
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	406	406	372	378	6	5	4	3
Self-employed workers	46	59	40	46	-	1	1	4
Unpaid family workers	1	1	1	1	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	7,882	8,053	4,712	4,900	786	776	444	441
Government	1,028	1,028	631	629	146	151	44	47
Private industries	6,854	7,025	4,082	4,271	640	625	401	394
Private households	189	205	87	99	3	6	3	2
Other industries	6,665	6,820	3,995	4,172	637	619	398	392
Self-employed workers	454	439	233	248	29	19	49	39
Unpaid family workers	11	14	6	8	-	1	1	1
FULL- AND PART-TIME STATUSNOTE:								
Full-time schedules	7,232	7,271	4,366	4,476	700	679	421	414
Part time for economic reasons	721	832	485	554	43	49	28	27
Part time for noneconomic reasons	846	868	512	550	80	74	49	46

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

NOTE: Data on occupations and industries for 1992 are not strictly

comparable with data for prior years because of the introduction of the classification systems used in the 1990 census.

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

(In thousands)

Sex and age	Total		White		Black		Hispanic origin	
	1991	1992	1991	1992	1991	1992	1991	1992
Total, 16 years and over	116,877	117,598	101,039	101,479	11,863	11,933	8,799	8,971
16 to 19 years	5,628	5,398	4,989	4,761	474	474	503	492
16 to 17 years	2,125	2,050	1,910	1,840	155	152	143	146
18 to 19 years	3,503	3,349	3,078	2,921	319	321	360	346
20 to 24 years	12,233	12,157	10,512	10,455	1,311	1,281	1,304	1,268
25 years and over	99,016	100,043	85,538	86,263	10,078	10,178	6,992	7,212
25 to 54 years	84,363	85,350	72,584	73,307	8,779	8,857	6,282	6,507
55 years and over	14,653	14,693	12,954	12,957	1,299	1,320	710	705
Men, 16 years and over	63,593	63,805	55,557	55,709	5,880	5,846	5,278	5,388
16 to 19 years	2,879	2,786	2,552	2,464	247	243	290	281
16 to 17 years	1,092	1,052	982	952	82	77	77	83
18 to 19 years	1,787	1,733	1,570	1,512	165	166	212	198
20 to 24 years	6,421	6,357	5,522	5,462	675	658	830	768
25 years and over	54,293	54,662	47,483	47,783	4,957	4,945	4,158	4,339
25 to 54 years	45,981	46,340	40,057	40,377	4,293	4,267	3,746	3,922
55 years and over	8,312	8,322	7,425	7,406	664	678	412	417
Women, 16 years and over	53,284	53,793	45,482	45,770	5,983	6,087	3,521	3,584
16 to 19 years	2,749	2,613	2,436	2,297	227	231	213	211
16 to 17 years	1,033	997	928	888	72	76	66	63
18 to 19 years	1,716	1,615	1,508	1,409	154	155	148	148
20 to 24 years	5,812	5,799	4,990	4,993	636	623	474	500
25 years and over	44,723	45,381	38,055	38,480	5,121	5,233	2,834	2,873
25 to 54 years	38,383	39,010	32,526	32,930	4,485	4,590	2,536	2,585
55 years and over	6,340	6,372	5,529	5,551	635	643	298	288

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.

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

(Civilian workers)

Sex and age	Total		White		Black		Hispanic origin	
	1991	1992	1991	1992	1991	1992	1991	1992
Total, 16 years and over	6.7	7.4	6.0	6.5	12.4	14.1	9.9	11.4
16 to 19 years	18.6	20.0	16.4	17.1	36.3	39.8	22.9	27.5
16 to 17 years	20.9	23.0	18.8	20.1	39.5	44.8	31.9	35.7
18 to 19 years	17.2	18.1	14.8	15.1	34.6	37.1	18.6	23.4
20 to 24 years	10.8	11.3	9.2	9.4	21.6	23.9	11.6	13.2
25 years and over	5.4	6.1	4.9	5.5	9.4	10.9	8.4	9.8
25 to 54 years	5.7	6.3	5.1	5.6	10.1	11.6	8.6	9.9
55 years and over	3.9	4.8	3.8	4.6	4.6	6.0	6.5	8.6
Men, 16 years and over	7.0	7.8	6.4	6.9	12.9	15.2	10.1	11.5
16 to 19 years	19.8	21.5	17.5	18.4	36.5	42.0	23.7	28.2
16 to 17 years	21.6	24.4	19.4	21.3	39.0	47.5	33.8	36.6
18 to 19 years	18.6	19.5	16.3	16.4	35.2	39.1	19.2	24.1
20 to 24 years	11.7	12.2	10.2	10.4	22.4	24.5	11.6	13.7
25 years and over	5.7	6.4	5.2	5.8	9.8	11.7	8.7	9.8
25 to 54 years	5.9	6.6	5.4	5.9	10.4	12.3	8.8	9.8
55 years and over	4.3	5.2	4.2	4.9	5.2	7.4	8.0	9.9
Women, 16 years and over	6.3	6.9	5.5	6.0	11.9	13.0	9.5	11.3
16 to 19 years	17.4	18.5	15.2	15.7	36.1	37.2	21.9	26.4
16 to 17 years	20.1	21.4	18.1	18.9	40.1	41.7	29.6	34.4
18 to 19 years	15.8	16.5	13.3	13.6	34.0	34.8	17.8	22.4
20 to 24 years	9.8	10.2	8.0	8.3	20.7	23.1	11.7	12.4
25 years and over	5.1	5.7	4.5	5.1	9.1	10.1	8.0	9.7
25 to 54 years	5.4	6.0	4.7	5.2	9.7	10.8	8.4	10.1
55 years and over	3.4	4.2	3.2	4.1	3.9	4.4	4.5	6.6

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

(Numbers in thousands)

Weeks of unemployment	Total		White		Black		Hispanic origin	
	1991	1992	1991	1992	1991	1992	1991	1992
DURATION								
Total, 16 years and over	8,426	9,384	6,447	7,047	1,679	1,958	963	1,160
Less than 5 weeks	3,380	3,270	2,602	2,468	658	671	425	448
5 to 14 weeks	2,724	2,760	2,092	2,062	530	580	309	330
15 weeks and over	2,323	3,354	1,753	2,517	491	706	229	382
15 to 26 weeks	1,225	1,424	936	1,072	244	293	128	171
27 weeks and over	1,098	1,930	817	1,445	248	413	101	210
Average (mean) duration, in weeks	13.8	17.9	13.5	17.8	15.1	18.6	12.1	16.3
Median duration, in weeks	6.9	8.8	6.8	8.7	7.4	9.0	6.0	7.8
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	40.1	34.9	40.4	35.0	39.2	34.3	44.1	38.6
5 to 14 weeks	32.3	29.4	32.5	29.3	31.5	29.7	32.0	28.5
15 weeks and over	27.6	35.7	27.2	35.7	29.3	36.1	23.8	32.9
15 to 26 weeks	14.5	15.2	14.5	15.2	14.5	15.0	13.3	14.8
27 weeks and over	13.0	20.6	12.7	20.5	14.7	21.1	10.5	18.1

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

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

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin	
	1991	1992	1991	1992	1991	1992	1991	1992
NUMBER OF UNEMPLOYED								
Total, 16 years and over	8,426	9,384	6,447	7,047	1,679	1,958	963	1,160
Job losers	4,608	5,291	3,614	4,117	853	985	570	707
On layoff	1,279	1,246	1,083	1,054	166	160	119	125
Other job losers	3,329	4,045	2,531	3,064	687	825	451	583
Job leavers	979	975	795	759	152	176	92	94
Reentrants	2,087	2,228	1,528	1,596	470	545	194	227
New entrants	753	890	510	574	203	252	107	131
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	54.7	56.4	56.1	58.4	50.8	50.3	59.2	61.0
On layoff	15.2	13.3	16.8	15.0	9.9	8.2	12.3	10.8
Other job losers	39.5	43.1	39.3	43.5	40.9	42.2	46.8	50.2
Job leavers	11.6	10.4	12.3	10.8	9.1	9.0	9.6	8.1
Reentrants	24.8	23.7	23.7	22.6	28.0	27.8	20.1	19.5
New entrants	8.9	9.5	7.9	8.1	12.1	12.9	11.1	11.3
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	3.7	4.2	3.4	3.8	6.3	7.1	5.8	7.0
Job leavers .....	.8	.8	.7	.7	1.1	1.3	.9	.9
Reentrants	1.7	1.8	1.4	1.5	3.5	3.9	2.0	2.2
New entrants .....	.6	.7	.5	.5	1.5	1.8	1.1	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.

**HOUSEHOLD DATA
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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							
	1991	1992	Total		Employed		Unemployed			
			1991	1992	1991	1992	Number		Percent of labor force	
							1991	1992	1991	1992
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,778	7,862	7,046	7,071	6,698	6,677	348	393	4.9	5.6
35 to 49 years	6,458	6,256	6,082	5,862	5,767	5,528	314	334	5.2	5.7
35 to 39 years	1,161	936	1,086	868	999	806	86	62	7.9	7.1
40 to 44 years	3,088	2,682	2,918	2,511	2,774	2,364	144	147	4.9	5.9
45 to 49 years	2,209	2,638	2,078	2,483	1,994	2,358	84	125	4.1	5.0
50 years and over	1,321	1,605	964	1,209	930	1,149	34	59	3.5	4.9
NONVETERANS										
Total, 35 to 49 years	18,361	19,378	17,175	18,066	16,276	17,008	899	1,058	5.2	5.9
35 to 39 years	8,376	8,728	7,922	8,241	7,486	7,718	436	523	5.5	6.3
40 to 44 years	5,768	6,233	5,395	5,808	5,132	5,497	263	311	4.9	5.4
45 to 49 years	4,216	4,417	3,858	4,018	3,658	3,794	200	224	5.2	5.6

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

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

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	
	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992
Total, 35 to 49 years												
Civilian noninstitutional population	5,757	5,597	594	557	253	252	15,699	16,564	1,837	1,939	1,675	1,793
Civilian labor force	5,464	5,280	521	491	234	233	14,827	15,616	1,595	1,648	1,524	1,633
Employed	5,203	5,002	473	444	225	217	14,120	14,792	1,442	1,460	1,384	1,474
Unemployed	261	279	48	47	9	16	707	824	153	188	140	159
Unemployment rate	4.8	5.3	9.1	9.6	3.8	7.0	4.8	5.3	9.6	11.4	9.2	9.8
35 to 39 years												
Civilian noninstitutional population	976	796	164	119	50	50	7,235	7,516	799	858	769	805
Civilian labor force	926	742	141	106	47	46	6,903	7,169	707	743	706	747
Employed	858	689	124	99	44	41	6,554	6,765	635	644	643	671
Unemployed	68	52	16	7	3	5	349	404	72	99	63	75
Unemployment rate	7.4	7.1	11.7	6.7	7.2	11.4	5.1	5.6	10.2	13.3	8.9	10.1
40 to 44 years												
Civilian noninstitutional population	2,787	2,403	258	242	125	111	4,914	5,300	590	634	548	592
Civilian labor force	2,654	2,266	225	212	112	101	4,636	5,000	512	536	497	544
Employed	2,531	2,146	207	187	108	94	4,428	4,753	470	488	451	494
Unemployed	123	120	18	25	4	7	207	247	42	48	46	49
Unemployment rate	4.7	5.3	8.1	11.6	3.4	7.2	4.5	4.9	8.3	8.9	9.2	9.1
45 to 49 years												
Civilian noninstitutional population	1,994	2,398	171	197	77	91	3,551	3,749	447	447	358	396
Civilian labor force	1,884	2,272	155	172	74	86	3,288	3,448	376	369	321	343
Employed	1,815	2,166	142	157	73	82	3,138	3,275	338	327	290	308
Unemployed	69	106	13	15	2	4	150	173	38	41	31	35
Unemployment rate	3.7	4.7	8.3	8.8	2.2	4.4	4.6	5.0	10.2	11.2	9.6	10.1

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

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

**HOUSEHOLD DATA
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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	1991					1992				
	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	66,045	6,006	29.3	70.7	63.1	66,785	6,643	30.1	69.9	61.6
With children under 18 years of age	32,101	3,341	33.7	66.3	59.1	32,442	3,660	33.9	66.1	58.3
Married-couple families	51,518	4,147	19.5	80.5	72.7	51,834	4,585	20.3	79.7	71.4
With children under 18 years of age	23,886	2,340	19.8	80.2	72.3	23,979	2,590	19.8	80.2	71.8
Families maintained by women	11,528	1,458	53.4	46.6	39.2	11,726	1,605	53.8	46.2	37.8
With children under 18 years of age	6,978	845	66.4	33.6	27.9	7,075	911	68.1	31.9	25.3
Families maintained by men	2,999	401	43.1	56.9	50.4	3,226	454	45.3	54.7	47.5
With children under 18 years of age	1,238	155	65.2	34.8	31.0	1,389	159	68.6	31.4	28.3
White										
Total families	56,433	4,642	26.4	73.6	65.8	56,925	5,046	27.4	72.6	64.2
With children under 18 years of age	26,515	2,527	29.6	70.4	62.9	26,788	2,746	30.0	70.0	61.8
Married-couple families	46,392	3,517	19.7	80.3	72.4	46,627	3,850	20.5	79.5	71.1
With children under 18 years of age	21,089	1,961	20.0	80.0	71.9	21,174	2,154	20.0	80.0	71.4
Families maintained by women	7,691	823	49.0	51.0	43.1	7,773	865	51.3	48.7	39.8
With children under 18 years of age	4,456	447	62.3	37.7	31.7	4,507	473	66.0	34.0	26.6
Families maintained by men	2,350	302	42.4	57.6	51.3	2,526	330	45.5	54.5	48.2
With children under 18 years of age	971	119	63.9	36.1	31.9	1,107	119	68.9	31.1	28.6
Black										
Total families	7,493	1,143	41.6	58.4	51.6	7,624	1,325	41.2	58.8	50.7
With children under 18 years of age	4,339	685	49.1	50.9	45.3	4,389	760	48.7	51.3	44.9
Married-couple families	3,510	472	17.8	82.2	75.2	3,499	541	19.8	80.2	71.7
With children under 18 years of age	1,808	282	17.7	82.3	75.6	1,803	319	18.8	81.2	73.7
Families maintained by women	3,472	589	59.8	40.2	33.6	3,577	684	57.5	42.5	34.9
With children under 18 years of age	2,315	373	71.3	28.7	23.3	2,355	407	70.7	29.3	23.9
Families maintained by men	511	83	47.0	53.0	44.6	548	100	46.0	54.0	45.0
With children under 18 years of age	216	30	(¹)	(¹)	(¹)	230	35	67.6	32.4	29.4
Hispanic origin										
Total families	4,992	708	30.6	69.4	63.4	5,166	822	34.3	65.7	58.8
With children under 18 years of age	3,199	463	35.0	65.0	59.6	3,334	545	38.4	61.6	54.8
Married-couple families	3,343	479	25.1	74.9	68.9	3,484	557	26.6	73.4	66.6
With children under 18 years of age	2,203	343	27.0	73.0	66.9	2,294	393	27.5	72.5	65.4
Families maintained by women	1,228	152	48.0	52.0	46.1	1,244	186	54.8	45.2	36.6
With children under 18 years of age	839	95	58.9	41.1	36.8	864	123	67.5	32.5	26.0
Families maintained by men	421	77	31.2	68.8	63.6	438	79	39.2	60.8	55.7
With children under 18 years of age	157	25	(¹)	(¹)	(¹)	176	29	(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.

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

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1991				1992			
	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	6,708	30.9	69.1	61.5	7,461	31.7	68.3	60.1
Husbands	1,677	35.3	64.7	52.1	1,918	34.9	65.1	52.0
With children under 18 years of age	1,008	39.9	60.1	46.2	1,153	38.6	61.4	47.8
Wives	1,307	17.5	82.5	77.5	1,465	18.9	81.1	76.1
With children under 18 years of age	807	15.9	84.1	79.5	897	16.8	83.2	78.4
Relatives in married-couple families	1,618	10.6	89.4	84.7	1,758	12.0	88.0	82.5
Women who maintain families	649	83.9	16.1	10.8	721	83.9	16.1	9.9
With children under 18 years of age	539	91.5	8.5	4.8	600	91.1	8.9	4.6
Relatives in families maintained by women	1,007	33.3	66.7	57.7	1,092	33.4	66.6	56.4
Men who maintain families	200	65.6	34.4	27.4	226	70.0	30.0	24.8
With children under 18 years of age	110	87.7	12.3	8.3	116	90.4	9.6	7.7
Relatives in families maintained by men	249	28.5	71.5	65.7	281	28.0	72.0	63.9
White								
Total unemployed in families ¹	5,114	28.1	71.9	64.3	5,565	29.1	70.9	62.7
Husbands	1,448	35.9	64.1	51.1	1,630	35.2	64.8	51.2
With children under 18 years of age	844	40.9	59.1	44.7	954	39.2	60.8	46.3
Wives	1,116	17.0	83.0	78.2	1,241	18.6	81.4	76.5
With children under 18 years of age	680	15.2	84.8	80.5	751	16.3	83.7	79.0
Relatives in married-couple families	1,314	10.3	89.7	85.3	1,386	11.6	88.4	83.4
Women who maintain families	351	78.7	21.3	14.7	384	79.6	20.4	12.6
With children under 18 years of age	277	89.3	10.7	6.2	313	89.2	10.8	5.3
Relatives in families maintained by women	552	30.5	69.5	60.6	556	31.9	68.1	58.4
Men who maintain families	153	65.1	34.9	27.0	169	70.1	29.9	24.0
With children under 18 years of age	84	87.4	12.6	8.0	88	90.8	9.2	7.4
Relatives in families maintained by men	180	26.1	73.9	69.0	199	27.6	72.4	66.0
Black								
Total unemployed in families ¹	1,348	41.6	58.4	51.3	1,577	41.4	58.6	50.5
Husbands	169	29.6	70.4	60.4	211	34.1	65.9	56.0
With children under 18 years of age	121	32.3	67.7	57.9	145	35.3	64.7	55.2
Wives	142	19.4	80.6	75.1	161	20.8	79.2	72.2
With children under 18 years of age	94	19.8	80.2	75.0	108	19.0	81.0	75.1
Relatives in married-couple families	242	11.4	88.6	82.2	289	13.7	86.3	78.0
Women who maintain families	278	90.6	9.4	5.6	314	90.2	9.8	6.2
With children under 18 years of age	246	94.1	5.9	3.1	269	93.9	6.1	3.6
Relatives in families maintained by women	422	37.1	62.9	54.1	494	35.2	64.8	54.4
Men who maintain families	39	68.2	31.8	27.6	46	69.4	30.6	27.2
With children under 18 years of age	22	(²)	(²)	(²)	24	(²)	(²)	(²)
Relatives in families maintained by men	57	37.7	62.3	52.4	63	31.0	69.0	56.4
Hispanic origin								
Total unemployed in families ¹	798	32.6	67.4	61.4	952	36.2	63.8	57.1
Husbands	220	43.0	57.0	48.6	254	47.1	52.9	43.6
With children under 18 years of age	169	48.2	51.8	43.3	192	50.3	49.7	39.6
Wives	143	21.4	78.6	72.2	178	23.3	76.7	70.9
With children under 18 years of age	102	21.3	78.7	73.5	126	24.5	75.5	70.4
Relatives in married-couple families	178	11.9	88.1	84.4	226	14.5	85.5	81.7
Women who maintain families	69	72.0	28.0	21.4	86	82.6	17.4	11.5
With children under 18 years of age	55	80.4	19.6	15.8	76	87.0	13.0	8.8
Relatives in families maintained by women	98	33.2	66.8	61.4	116	35.0	65.0	54.8
Men who maintain families	35	52.5	47.5	42.8	41	62.6	37.4	34.3
With children under 18 years of age	16	(²)	(²)	(²)	21	(²)	(²)	(²)
Relatives in families maintained by men	55	23.3	76.7	71.8	51	26.5	73.5	66.9

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	1991			1992				
	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	93,142	22.8	77.2	66.8	93,754	23.1	78.9	66.6
Husbands	38,284	28.1	71.9	54.8	38,274	27.7	72.3	55.1
With children under 18 years of age	21,774	30.4	69.8	49.2	21,722	29.8	70.2	50.0
Wives	28,913	9.8	90.2	66.1	29,313	10.2	89.8	85.5
With children under 18 years of age	15,331	5.9	94.1	91.1	15,552	6.5	93.5	90.4
Relatives in married-couple families	11,085	7.5	92.5	88.7	11,075	7.4	92.8	88.8
Women who maintain families	6,457	64.9	35.1	24.0	6,582	66.1	33.9	22.8
With children under 18 years of age	4,186	82.1	17.9	9.0	4,246	83.7	16.3	7.8
Relatives in families maintained by women	4,719	24.8	75.4	66.3	4,598	25.5	74.5	65.3
Men who maintain families	2,113	56.7	43.3	34.1	2,288	59.0	41.0	31.9
With children under 18 years of age	1,008	84.0	16.0	9.1	1,140	85.3	14.7	8.7
Relatives in families maintained by men	1,592	18.5	81.5	75.2	1,624	18.6	81.4	75.9
White								
Total employed in families ¹	80,943	22.0	78.0	67.1	81,313	22.2	77.8	67.1
Husbands	34,483	28.4	71.6	53.5	34,502	28.1	71.9	54.1
With children under 18 years of age	19,382	31.1	68.9	47.4	19,360	30.4	69.6	48.4
Wives	25,824	9.5	90.5	66.4	26,139	9.9	90.1	85.8
With children under 18 years of age	13,455	5.4	94.8	91.6	13,659	5.9	94.1	91.1
Relatives in married-couple families	9,732	7.3	92.7	88.9	9,682	7.2	92.8	88.9
Women who maintain families	4,538	62.9	37.1	24.7	4,551	63.5	36.5	24.3
With children under 18 years of age	2,902	81.2	18.8	8.8	2,903	82.5	17.5	7.8
Relatives in families maintained by women	3,402	24.8	75.2	65.7	3,339	25.7	74.3	64.8
Men who maintain families	1,893	55.6	44.4	34.6	1,838	58.7	41.3	31.8
With children under 18 years of age	806	83.5	16.5	9.0	931	84.4	15.6	9.0
Relatives in families maintained by men	1,269	18.0	82.0	76.1	1,261	18.2	81.8	76.3
Black								
Total employed in families ¹	8,911	30.5	69.5	62.1	8,966	31.8	68.2	60.6
Husbands	2,507	22.2	77.8	67.9	2,448	22.3	77.7	66.9
With children under 18 years of age	1,545	21.0	79.0	68.6	1,501	21.5	78.5	67.5
Wives	2,117	14.3	85.7	81.2	2,120	15.1	84.9	80.5
With children under 18 years of age	1,280	10.3	89.7	85.5	1,256	11.7	88.3	84.4
Relatives in married-couple families	881	9.9	90.1	85.5	904	9.8	90.2	85.0
Women who maintain families	1,727	70.7	29.3	21.5	1,821	73.3	26.7	18.3
With children under 18 years of age	1,176	84.4	15.6	9.7	1,225	86.3	13.7	7.8
Relatives in families maintained by women	1,144	24.7	75.3	66.9	1,096	25.5	74.5	66.6
Men who maintain families	319	65.7	34.3	27.6	337	65.5	34.5	27.2
With children under 18 years of age	164	87.1	12.9	9.0	170	89.9	10.1	7.7
Relatives in families maintained by men	216	27.0	73.0	64.9	240	26.1	73.9	68.2
Hispanic origin								
Total employed in families ¹	6,980	25.7	74.3	66.1	7,184	26.5	73.5	65.0
Husbands	2,590	35.2	64.8	52.3	2,712	35.7	64.3	51.5
With children under 18 years of age	1,870	36.1	61.9	48.7	1,954	38.1	61.9	48.7
Wives	1,666	10.8	89.2	84.8	1,743	10.9	89.1	84.0
With children under 18 years of age	1,106	9.6	90.4	86.2	1,180	9.2	90.8	86.5
Relatives in married-couple families	1,016	6.8	93.2	89.3	1,065	6.7	93.3	89.2
Women who maintain families	585	82.2	17.8	28.3	578	84.9	15.1	26.5
With children under 18 years of age	391	78.8	21.2	15.4	405	78.9	21.1	13.7
Relatives in families maintained by women	481	20.3	79.7	71.6	472	23.8	76.2	67.3
Men who maintain families	323	44.7	55.3	48.6	327	49.4	50.6	43.5
With children under 18 years of age	120	76.8	23.2	18.2	136	82.4	17.6	12.5
Relatives in families maintained by men	318	8.6	91.4	84.7	289	8.9	91.1	85.4

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	
	1991	1992	1991	1992
TOTAL				
Total families with earners ¹	43,530	44,137	\$669	\$688
Married-couple families	33,930	34,280	754	779
One earner	12,177	12,200	455	469
Husband	8,784	8,667	532	546
Wife	2,636	2,801	279	294
Other family member	757	732	278	282
Two or more earners	21,753	22,080	911	942
Husband and wife	19,395	19,709	929	964
Husband and other family member(s)	1,637	1,617	838	848
Wife and other family member(s)	557	597	589	592
Other family members only	163	158	617	589
Families maintained by women	7,441	7,546	385	385
One earner	5,090	5,286	306	306
Householder	4,045	4,225	315	316
Other family member	1,045	1,061	270	264
Two or more earners	2,351	2,261	622	634
Families maintained by men	2,159	2,311	514	519
One earner	1,337	1,462	404	415
Two or more earners	822	850	736	756
White				
Total families with earners ¹	36,978	37,378	695	716
Married-couple families	30,069	30,337	767	791
One earner	10,851	10,852	474	483
Husband	7,953	7,844	549	561
Wife	2,252	2,384	280	296
Two or more earners	19,218	19,485	922	954
Husband and wife	17,163	17,432	940	975
Families maintained by women	5,209	5,226	399	409
Families maintained by men	1,701	1,814	529	545
Black				
Total families with earners ¹	5,098	5,188	484	478
Married-couple families	2,735	2,723	625	646
One earner	897	895	313	309
Husband	503	486	366	359
Wife	312	330	272	279
Two or more earners	1,838	1,828	776	806
Husband and wife	1,633	1,609	796	834
Families maintained by women	2,003	2,079	339	328
Families maintained by men	360	388	401	412
Hispanic origin				
Total families with earners ¹	3,636	3,755	495	496
Married-couple families	2,599	2,698	546	552
One earner	1,102	1,116	322	333
Husband	850	876	355	365
Wife	176	170	235	264
Two or more earners	1,497	1,582	732	743
Husband and wife	1,158	1,218	757	778
Families maintained by women	701	720	343	341
Families maintained by men	337	337	462	476

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	
	1991	1992	1991	1992
Married-couple families ¹	3,037	3,229	\$490	\$499
Husband unemployed	1,060	1,184	324	322
Wife only earner	805	915	302	298
Wife and other earner(s)	166	181	544	602
Other earner(s) only	89	88	223	227
Wife unemployed	976	1,037	485	504
Husband only earner	806	856	445	475
Husband and other earner(s)	147	163	743	796
Other earner(s) only	23	17	(²)	(²)
Other member(s) unemployed	1,002	1,008	761	790
Husband or wife earner	377	389	536	531
Both husband and wife earners	597	581	926	977
Other combinations of earners	27	37	(²)	(²)
Families maintained by women ¹	626	731	341	339
Householder unemployed	96	114	206	201
Other member(s) unemployed	531	618	372	366
Families maintained by men ¹	215	220	381	424

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	
	1991	1992	1991	1992
SEX AND AGE				
Total, 16 years and over	83,525	84,143	\$430	\$445
Men, 16 years and over	47,910	47,877	497	505
16 to 24 years	5,714	5,517	286	285
25 years and over	42,197	42,360	525	539
Women, 16 years and over	35,615	36,266	368	381
16 to 24 years	4,488	4,339	267	267
25 years and over	31,127	31,927	388	400
FAMILY RELATIONSHIP				
Husbands	30,793	30,664	558	575
Wives	18,726	19,246	381	395
Women who maintain families	5,062	5,143	362	370
Men who maintain families	1,694	1,828	446	451
Other persons in families:				
Men	6,008	5,921	299	301
Women	4,110	4,076	285	292
All other men ¹	9,416	9,465	458	464
All other women ¹	7,716	7,801	395	406
RACE, HISPANIC ORIGIN, AND SEX				
White	71,176	71,629	446	462
Men	41,482	41,439	509	518
Women	29,694	30,190	374	388
Black	9,498	9,537	348	357
Men	4,832	4,766	374	380
Women	4,665	4,771	323	336
Hispanic origin	6,887	6,986	315	324
Men	4,332	4,390	328	345
Women	2,554	2,596	293	303

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.

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	1991	1992	1991	1992
SEX AND AGE				
Total, 16 years and over	19,261	19,545	\$125	\$132
Men, 16 years and over	6,020	6,258	118	121
16 to 24 years	3,237	3,279	102	104
25 years and over	2,783	2,978	150	152
Women, 16 years and over	13,241	13,267	131	137
16 to 24 years	3,901	3,910	99	102
25 years and over	9,340	9,377	151	157
FAMILY RELATIONSHIP				
Husbands	1,654	1,706	153	154
Wives	6,861	6,882	156	163
Women who maintain families	1,081	1,119	140	141
Men who maintain families	127	149	147	150
Other persons in families:				
Men	3,108	3,189	101	104
Women	3,381	3,320	96	99
All other men ¹	1,131	1,214	146	144
All other women ¹	1,917	1,966	128	133
RACE, HISPANIC ORIGIN, AND SEX				
White	16,805	16,995	126	133
Men	5,104	5,293	117	121
Women	11,700	11,702	131	139
Black	1,820	1,879	119	123
Men	670	714	115	119
Women	1,150	1,165	122	125
Hispanic origin	1,306	1,355	130	134
Men	527	564	127	136
Women	779	791	131	133

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.

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

(Numbers in thousands)

Occupation	1992					
	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	84,143	\$445	47,877	\$505	36,266	\$381
Managerial and professional specialty	23,248	655	12,082	777	11,165	562
Executive, administrative, and managerial	11,287	850	6,370	784	4,918	519
Administrators and officials, public administration	516	710	304	803	212	601
Financial managers	485	784	262	982	223	613
Personnel and labor relations managers	103	719	44	(¹)	59	590
Purchasing managers	103	815	70	982	33	(¹)
Managers, marketing, advertising, and public relations	493	783	332	915	161	627
Administrators, education and related fields	507	772	236	873	271	677
Managers, medicine and health	329	716	113	840	216	672
Managers, food serving and lodging and establishments	720	418	412	477	309	383
Managers, properties and real estate	252	510	131	548	121	477
Management-related occupations	3,296	594	1,547	708	1,749	507
Accountants and auditors	1,128	600	529	706	598	518
Underwriters	87	588	25	(¹)	62	512
Other financial officers	559	872	311	803	249	514
Management analysts	86	775	51	980	35	(¹)
Personnel, training, and labor relations specialists	381	610	139	781	243	580
Buyers, wholesale and retail trade, except farm products	150	512	72	592	78	454
Construction inspectors	55	601	53	604	2	(¹)
Inspectors and compliance officers, except construction	235	633	188	650	48	(¹)
Professional specialty	11,959	659	5,712	770	6,247	587
Engineers, architects, and surveyors	1,888	650	1,538	867	150	742
Architects	82	692	72	702	10	(¹)
Engineers	1,594	862	1,456	877	139	752
Aerospace engineers	83	947	78	973	5	(¹)
Chemical engineers	64	982	61	989	3	(¹)
Civil engineers	197	830	182	836	15	(¹)
Electrical and electronic engineers	472	892	434	901	38	(¹)
Industrial engineers	200	782	170	798	29	(¹)
Mechanical engineers	266	823	273	833	13	(¹)
Mathematical and computer scientists	861	799	572	839	289	712
Computer systems analysts and scientists	639	810	442	846	197	730
Operations and systems researchers and analysts	180	753	102	803	78	687
Natural scientists	402	731	289	788	113	622
Chemists, except biochemists	120	758	84	795	36	(¹)
Biological and life scientists	81	663	49	(¹)	32	(¹)
Medical scientists	53	623	34	(¹)	18	(¹)
Health diagnosing occupations	341	962	249	1,029	92	749
Physicians	294	1,007	217	1,190	77	859
Health assessment and treating occupations	1,791	666	259	737	1,532	658
Registered nurses	1,266	662	82	633	1,184	663
Pharmacists	143	866	83	897	61	808
Dietitians	62	446	6	(¹)	54	457
Therapists	279	646	87	667	212	639
Respiratory therapists	57	617	22	(¹)	35	(¹)
Physical therapists	77	682	19	(¹)	58	895
Speech therapists	53	893	5	(¹)	48	(¹)
Teachers, college and university	495	799	328	896	167	873
Teachers, except college and university	3,418	561	916	627	2,502	530
Teachers, prekindergarten and kindergarten	323	358	3	(¹)	319	357
Teachers, elementary school	1,468	567	225	658	1,243	549
Teachers, secondary school	1,040	810	479	647	561	584
Teachers, special education	244	550	42	(¹)	202	554
Counselors, educational and vocational	207	577	77	612	130	550
Librarians, archivists, and curators	165	581	27	(¹)	138	593
Librarians	143	586	18	(¹)	124	594
Social scientists and urban planners	232	705	113	872	118	585
Economists	93	748	49	(¹)	44	(¹)
Psychologists	102	665	43	(¹)	60	590
Social, recreation, and religious workers	912	479	474	503	437	449
Social workers	523	489	172	531	351	469
Recreation workers	63	287	17	(¹)	48	(¹)
Clergy	282	496	261	499	21	(¹)
Lawyers and judges	412	1,079	286	1,157	125	884
Lawyers	381	1,065	263	1,175	117	917

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	1992					
	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	1,037	\$557	583	\$620	454	\$494
Designers	303	585	172	701	131	468
Actors and directors	53	673	30	(¹)	22	(¹)
Painters, sculptors, craft artists, and artist printmakers	93	443	46	(¹)	46	(¹)
Photographers	60	407	41	(¹)	19	(¹)
Editors and reporters	187	581	105	637	92	520
Public relations specialists	120	610	54	699	66	574
Technical, sales, and administrative support	25,928	407	9,844	519	16,084	365
Technicians and related support	3,564	508	1,956	591	1,608	436
Health technologists and technicians	1,118	427	246	501	873	415
Clinical laboratory technologists and technicians	245	506	60	577	185	493
Radiologic technicians	100	543	31	(¹)	69	528
Licensed practical nurses	329	413	22	(¹)	306	411
Engineering and related technologists and technicians	829	550	695	576	133	465
Electrical and electronic technicians	295	593	260	607	35	(¹)
Drafting occupations	240	527	201	541	40	(¹)
Surveying and mapping technicians	56	456	52	459	3	(¹)
Science technicians	215	487	142	522	73	375
Biological technicians	56	362	26	(¹)	30	(¹)
Chemical technicians	79	556	58	599	20	(¹)
Technicians, except health, engineering, and science	1,403	585	873	647	529	488
Airplane pilots and navigators	66	885	66	880	1	(¹)
Computer programmers	517	685	346	723	171	608
Legal assistants	195	489	40	(¹)	155	473
Sales occupations	7,903	432	4,663	523	3,240	313
Supervisors and proprietors	2,457	479	1,575	551	882	370
Sales representatives, finance and business services	1,437	585	847	698	590	486
Insurance sales	374	579	227	679	147	452
Real estate sales	327	531	193	668	184	479
Securities and financial services sales	238	775	161	986	77	530
Advertising and related sales	131	508	71	572	60	480
Sales occupations, other business services	366	573	225	841	141	502
Sales representatives, commodities, except retail	1,267	616	995	659	271	473
Sales workers, retail and personal services	2,717	270	1,235	332	1,482	233
Sales workers, motor vehicles and boats	223	479	208	483	15	(¹)
Sales workers, apparel	175	255	45	(¹)	129	238
Sales workers, furniture and home furnishings	103	354	62	385	41	(¹)
Sales workers, radio, television, hi-fi, and appliances	123	415	97	443	26	(¹)
Sales workers, hardware and building supplies	161	323	136	333	26	(¹)
Sales workers, parts	132	319	124	322	8	(¹)
Sales workers, other commodities	583	269	214	323	369	252
Sales counter clerks	88	252	36	(¹)	52	229
Cashiers	971	219	238	229	735	217
Street and door-to-door sales workers	97	328	42	(¹)	55	325
Administrative support, including clerical	14,460	381	3,225	482	11,235	364
Supervisors	727	539	323	852	405	495
General office	455	523	178	711	277	483
Financial records processing	81	581	17	(¹)	63	551
Distribution, scheduling, and adjusting clerks	163	521	112	539	50	501
Computer equipment operators	572	406	212	497	361	378
Computer operators	571	406	211	497	360	378
Secretaries, stenographers, and typists	3,370	370	51	404	3,319	370
Secretaries	2,948	373	30	(¹)	2,918	373
Typists	389	345	20	(¹)	370	344
Information clerks	1,088	319	124	366	964	315
Interviewers	129	350	21	(¹)	106	342
Hotel clerks	66	246	16	(¹)	51	245
Transportation ticket and reservation agents	190	403	48	(¹)	142	388
Receptionists	568	309	15	(¹)	553	309
Records processing, except financial	835	355	129	387	506	350
Order clerks	201	426	53	478	148	414
Personnel clerks, except payroll and timekeeping	53	391	4	(¹)	49	(¹)
Library clerks	57	315	10	(¹)	48	(¹)
File clerks	174	301	33	(¹)	141	294
Records clerks	143	351	29	(¹)	114	348

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	1992					
	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	1,634	\$368	160	\$439	1,473	\$363
Bookkeepers, accounting, and auditing clerks	1,209	367	122	432	1,087	362
Payroll and timekeeping clerks	146	404	14	(¹)	132	390
Billing clerks	153	353	14	(¹)	140	351
Cost and rate clerks	59	420	8	(¹)	51	416
Billing, posting, and calculating machine operators	67	355	3	(¹)	64	355
Duplicating, mail and other office machine operators	61	306	31	(¹)	30	(¹)
Communications equipment operators	185	394	25	(¹)	160	382
Telephone operators	172	385	19	(¹)	153	377
Mail and message distributing	751	570	490	585	261	509
Postal clerks, except mail carriers	224	600	128	615	96	582
Mail carriers, postal service	309	601	231	605	78	587
Mail clerks, except postal service	136	297	70	309	66	288
Messengers	82	346	61	347	21	(¹)
Material recording, scheduling, and distributing clerks	1,621	384	943	414	678	350
Dispatchers	188	420	82	491	107	388
Production coordinators	200	511	103	607	96	438
Traffic, shipping, and receiving clerks	497	348	335	365	162	321
Stock and inventory clerks	464	370	289	392	174	340
Weighers, measurers, checkers, and samplers	61	360	35	(¹)	26	(¹)
Expeditors	147	355	52	435	95	322
Adjusters and investigators	1,153	399	265	496	887	383
Insurance adjusters, examiners, and investigators	356	430	75	592	280	409
Investigators and adjusters, except insurance	594	392	141	496	454	370
Eligibility clerks, social welfare	73	394	11	(¹)	62	380
Bill and account collectors	130	365	38	(¹)	91	370
Miscellaneous administrative support occupations	2,663	362	472	477	2,190	346
General office clerks	483	356	77	420	406	349
Bank tellers	314	285	24	(¹)	290	285
Data-entry keyers	478	346	64	362	414	344
Statistical clerks	55	420	10	(¹)	45	(¹)
Teachers' aides	247	265	17	(¹)	229	283
Service occupations	9,104	283	4,492	330	4,612	248
Private household	314	179	11	(¹)	302	177
Child care workers	140	154	1	(¹)	140	153
Cleaners and servants	155	191	10	(¹)	145	189
Protective services	1,805	486	1,548	501	256	399
Supervisors	166	642	152	643	14	(¹)
Police and detectives	79	732	69	729	9	(¹)
Guards	51	445	45	(¹)	5	(¹)
Firefighting and fire prevention	192	622	185	627	7	(¹)
Firefighting	181	636	176	639	5	(¹)
Police and detectives	841	529	715	552	127	445
Police and detectives, public service	449	615	400	630	48	(¹)
Sheriffs, bailiffs, and other law enforcement officers	100	496	82	500	18	(¹)
Correctional institution officers	292	470	232	491	61	412
Guards	605	315	497	324	108	286
Guards and police, except public service	568	321	483	325	84	306
Service occupations, except private household and protective	6,985	263	2,932	283	4,053	248
Food preparation and service occupations	2,545	236	1,228	253	1,317	221
Supervisors	207	307	87	382	120	284
Bartenders	133	251	59	275	74	232
Waiters and waitresses	549	222	148	255	400	214
Cooks, except short order	1,056	245	621	263	434	219
Food counter, fountain, and related occupations	69	204	27	(¹)	42	(¹)
Kitchen workers, food preparation	112	236	30	(¹)	82	228
Waiters' and waitresses' assistants	141	212	87	214	54	208
Miscellaneous food preparation occupations	278	216	167	213	111	225
Health service occupations	1,457	277	182	292	1,275	276
Dental assistants	89	332	2	(¹)	87	333
Health aides, except nursing	244	309	44	(¹)	201	303
Nursing aides, orderlies, and attendants	1,123	266	136	276	987	265
Cleaning and building service occupations	2,002	283	1,299	307	703	245
Supervisors	150	347	94	406	57	306
Maids and housemen	435	233	95	277	340	224
Janitors and cleaners	1,375	291	1,072	302	302	258
Personal service occupations	961	265	222	319	758	250
Hairdressers and cosmetologists	258	260	25	(¹)	234	254
Attendants, amusement and recreation facilities	83	292	45	(¹)	39	(¹)
Early childhood teacher's assistants	251	219	11	(¹)	240	218

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	1992					
	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	10,435	\$491	9,581	\$503	854	\$336
Mechanics and repairers	3,749	496	3,625	496	124	523
Supervisors	221	613	204	614	18	(¹)
Mechanics and repairers, except supervisors	3,527	480	3,421	489	106	521
Vehicle and mobile equipment mechanics and repairers	1,432	448	1,417	449	15	(¹)
Automobile mechanics	637	408	634	409	4	(¹)
Bus, truck, and stationary engine mechanics	291	453	290	454	1	(¹)
Aircraft engine mechanics	141	606	134	611	7	(¹)
Automobile body and related repairers	134	401	133	400	-	-
Heavy equipment mechanics	144	516	143	516	-	-
Industrial machinery repairers	524	498	514	499	11	(¹)
Electrical and electronic equipment repairers	585	604	543	600	43	(¹)
Electronic repairers, communications and industrial equipment	120	484	113	478	7	(¹)
Data processing equipment repairers	137	619	122	605	15	(¹)
Telephone line installers and repairers	64	641	62	640	2	(¹)
Telephone installers and repairers	184	656	150	656	13	(¹)
Miscellaneous electrical and electronic equipment repairers	61	599	57	625	4	(¹)
Heating, air conditioning, and refrigeration mechanics	182	474	182	474	-	-
Miscellaneous mechanics and repairers	779	485	742	488	37	(¹)
Office machine repairers	60	476	59	475	1	(¹)
Millwrights	91	584	88	600	4	(¹)
Construction trades	3,237	494	3,193	495	44	(¹)
Supervisors	429	622	424	623	5	(¹)
Construction trades, except supervisors	2,808	479	2,770	481	39	(¹)
Brickmasons and stonemasons	122	480	121	482	1	(¹)
Carpet installers	53	373	52	377	1	(¹)
Carpenters	742	425	733	428	9	(¹)
Drywall installers	71	422	70	423	-	-
Electricians	576	550	570	551	6	(¹)
Electrical power installers and repairers	105	647	104	645	1	(¹)
Painters, construction and maintenance	244	378	232	386	12	(¹)
Plumbers, pipefitters, steamfitters, and apprentices	343	518	340	518	3	(¹)
Insulation workers	56	446	54	449	2	(¹)
Roofers	102	416	102	416	-	-
Extractive occupations	120	635	119	636	1	(¹)
Precision production occupations	3,330	478	2,644	520	685	316
Supervisors	1,182	574	994	606	188	400
Precision metalworking occupations	749	511	704	520	45	(¹)
Tool and die makers	129	642	127	643	2	(¹)
Machinists	425	492	402	501	23	(¹)
Sheet-metal workers	88	486	83	489	5	(¹)
Precision woodworking occupations	56	385	50	386	5	(¹)
Precision textile, apparel, and furnishings machine workers	113	298	64	338	50	245
Precision workers, assorted materials	469	343	213	411	256	304
Electrical and electronic equipment assemblers	308	318	112	376	196	299
Precision food production occupations	377	308	276	345	102	249
Butchers and meat cutters	257	310	203	349	54	242
Bakers	92	305	61	317	31	(¹)
Precision inspectors, testers, and related workers	127	496	96	539	29	(¹)
Inspectors, testers, and graders	120	499	95	535	25	(¹)
Plant and system operators	257	612	246	615	11	(¹)
Water and sewage treatment plant operators	57	503	55	509	3	(¹)
Stationary engineers	112	618	110	616	2	(¹)
Operators, fabricators, and laborers	14,000	357	10,618	393	3,383	279
Machine operators, assemblers, and inspectors	6,790	343	4,188	406	2,602	275
Machine operators and tenders, except precision	4,381	330	2,696	398	1,685	259
Metalworking and plastic working machine operators	390	413	320	431	70	316
Punching and stamping press machine operators	117	371	85	390	32	(¹)
Grinding, abrading, buffing, and polishing machine operators	119	405	97	427	22	(¹)
Metal and plastic processing machine operators	144	359	116	387	29	(¹)
Molding and casting machine operators	97	339	71	380	26	(¹)
Woodworking machine operators	107	306	93	307	14	(¹)
Sawing machine operators	67	293	57	292	11	(¹)
Printing machine operators	388	418	306	464	82	308
Printing press operators	288	419	247	455	41	(¹)

See footnotes at end of table.

HOUSEHOLD DATA
ANNUAL AVERAGES

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

(Numbers in thousands)

Occupation	1992					
	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	1,003	\$236	224	\$283	780	\$223
Winding and twisting machine operators	70	304	22	(¹)	48	(¹)
Textile sewing machine operators	595	217	76	235	519	216
Pressing machine operators	106	240	37	(¹)	69	220
Laundering and dry cleaning machine operators	123	241	44	(¹)	79	219
Machine operators, assorted materials	2,331	367	1,628	407	703	291
Packaging and filling machine operators	317	290	122	311	195	280
Mixing and blending machine operators	95	420	87	427	8	(¹)
Separating, filtering, and clarifying machine operators	68	543	60	556	8	(¹)
Painting and paint spraying machine operators	169	373	148	389	21	(¹)
Furnace, kiln, and oven operators, exc. food	70	475	68	481	3	(¹)
Slicing and cutting machine operators	173	320	123	372	50	252
Photographic process machine operators	68	331	35	(¹)	31	(¹)
Fabricators, assemblers, and hand working occupations	1,680	369	1,156	409	524	301
Welders and cutters	540	440	515	444	25	(¹)
Assemblers	1,002	330	564	377	439	303
Production inspectors, testers, samplers, and weighers	730	361	336	476	394	302
Production inspectors, checkers, and examiners	570	376	256	488	314	309
Graders and sorters, except agricultural	104	253	43	(¹)	62	224
Transportation and material moving occupations	3,907	427	3,667	436	240	329
Motor vehicle operators	2,807	416	2,616	423	191	318
Supervisors	72	497	57	506	14	(¹)
Truck drivers	2,168	418	2,115	421	73	299
Drivers—sales workers	144	486	133	497	10	(¹)
Bus drivers	263	400	183	468	80	329
Taxicab drivers and chauffeurs	115	313	102	320	13	(¹)
Transportation occupations, except motor vehicles	148	699	143	701	5	(¹)
Rail transportation	102	715	97	720	5	(¹)
Material moving equipment operators	952	432	907	434	45	(¹)
Operating engineers	187	514	185	514	1	(¹)
Crane and tower operators	74	570	72	566	2	(¹)
Excavating and loading machine operators	92	441	91	436	1	(¹)
Grader, dozer, and scraper operators	82	444	82	442	1	(¹)
Industrial truck and tractor equipment operators	423	375	397	374	26	(¹)
Handlers, equipment cleaners, helpers, and laborers	3,303	308	2,763	314	540	279
Helpers, construction and extractive occupations	102	262	100	263	3	(¹)
Helpers, construction trades	96	278	84	278	3	(¹)
Construction laborers	543	347	533	347	10	(¹)
Freight, stock, and material handlers	1,087	308	914	314	173	278
Stock handlers and baggers	400	264	302	265	98	256
Machine feeders and offbearers	87	309	62	316	25	(¹)
Garage and service station related occupations	145	246	138	250	7	(¹)
Vehicle washers and equipment cleaners	171	273	146	266	25	(¹)
Hand packers and packagers	259	268	95	278	164	263
Laborers, except construction	919	320	768	329	151	292
Farming, forestry, and fishing	1,430	263	1,260	269	170	223
Farm operators and managers	57	382	49	(¹)	8	(¹)
Other agricultural and related occupations	1,303	256	1,143	263	160	221
Farm occupations, except managerial	615	237	536	243	78	207
Farm workers	550	232	486	238	64	205
Related agricultural occupations	688	280	606	284	82	247
Supervisors, related agricultural	53	412	52	415	1	(¹)
Groundskeepers and gardeners, except farm	555	276	526	276	30	(¹)
Forestry and logging occupations	55	296	54	300	2	(¹)

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

NOTE: Data for 1992 are not fully comparable with data for prior years because

of the introduction of the occupational classification system used in the 1990 Census.

**HOUSEHOLD DATA
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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	1991					1992				
	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	102,786	16,568	16.1	18,734	18.2	103,688	16,390	15.8	18,540	17.9
16 to 24 years	17,340	1,142	6.6	1,341	7.7	17,046	982	5.8	1,176	6.9
25 years and over	85,446	15,426	18.1	17,393	20.4	86,642	15,408	17.8	17,364	20.0
25 to 34 years	30,106	4,228	14.0	4,824	16.0	29,870	3,970	13.3	4,549	15.2
35 to 44 years	27,056	5,339	19.7	6,040	22.3	27,524	5,282	19.2	5,933	21.6
45 to 54 years	16,863	3,743	22.2	4,163	24.7	17,834	4,056	22.7	4,549	25.5
55 to 64 years	9,116	1,919	21.1	2,138	23.5	9,092	1,891	20.8	2,090	23.0
65 years and over	2,305	198	8.6	228	9.9	2,322	210	9.0	244	10.5
Men, 16 years and over	53,931	10,430	19.3	11,494	21.3	54,135	10,113	18.7	11,128	20.6
16 to 24 years	8,951	738	8.2	851	9.5	8,797	612	7.0	710	8.1
25 years and over	44,980	9,692	21.5	10,644	23.7	45,338	9,501	21.0	10,418	23.0
25 to 34 years	16,298	2,702	16.6	2,998	18.4	16,082	2,554	15.9	2,825	17.6
35 to 44 years	14,025	3,313	23.6	3,619	25.8	14,234	3,158	22.2	3,445	24.2
45 to 54 years	8,680	2,334	26.9	2,547	29.3	9,069	2,476	27.3	2,714	29.9
55 to 64 years	4,850	1,231	25.4	1,350	27.8	4,767	1,201	25.2	1,304	27.4
65 years and over	1,127	113	10.0	129	11.5	1,186	112	9.5	129	10.9
Women, 16 years and over	48,856	6,138	12.6	7,240	14.8	49,554	6,277	12.7	7,412	15.0
16 to 24 years	8,389	405	4.8	490	5.8	8,250	370	4.5	466	5.6
25 years and over	40,466	5,734	14.2	6,750	16.7	41,304	5,907	14.3	6,946	16.8
25 to 34 years	13,808	1,526	11.1	1,826	13.2	13,789	1,416	10.3	1,724	12.5
35 to 44 years	13,031	2,026	15.5	2,421	18.6	13,290	2,124	16.0	2,487	18.7
45 to 54 years	8,183	1,408	17.2	1,616	19.7	8,765	1,580	18.0	1,835	20.9
55 to 64 years	4,266	689	16.1	788	18.5	4,325	689	15.9	786	18.2
65 years and over	1,179	85	7.2	99	8.4	1,135	98	8.6	114	10.1
RACE, HISPANIC ORIGIN, AND SEX										
White, 16 years and over	87,981	13,587	15.4	15,331	17.4	88,624	13,416	15.1	15,148	17.1
Men	46,586	8,754	18.6	9,604	20.6	46,732	8,516	18.2	9,349	20.0
Women	41,395	4,833	11.7	5,726	13.8	41,892	4,900	11.7	5,799	13.8
Black, 16 years and over	11,318	2,425	21.4	2,759	24.4	11,416	2,433	21.3	2,763	24.2
Men	5,502	1,355	24.6	1,524	27.7	5,480	1,309	23.9	1,448	26.4
Women	5,816	1,070	18.4	1,236	21.2	5,936	1,125	19.0	1,315	22.1
Hispanic origin, 16 years and over	8,193	1,275	15.6	1,447	17.7	8,341	1,244	14.9	1,415	17.0
Men	4,860	823	16.9	906	18.6	4,954	834	16.8	926	18.7
Women	3,333	451	13.5	541	16.2	3,386	410	12.1	490	14.5
FULL- OR PART-TIME STATUS³										
Full-time workers	83,525	15,179	18.2	17,095	20.5	84,143	14,975	17.8	16,886	20.1
Part-time workers	19,261	1,390	7.2	1,639	8.5	19,545	1,415	7.2	1,654	8.5

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	1991					1992				
	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	26,018	3,802	14.6	4,611	17.7	26,275	3,824	14.6	4,687	17.8
Executive, administrative, and managerial	11,977	762	6.4	971	8.1	12,008	723	6.0	984	8.2
Professional specialty	14,041	3,040	21.7	3,639	25.9	14,267	3,101	21.7	3,703	26.0
Technical, sales, and administrative support	32,649	3,395	10.4	4,035	12.4	33,445	3,462	10.4	4,052	12.1
Technicians and related support	3,696	432	11.7	527	14.2	4,147	511	12.3	589	14.2
Sales occupations	11,265	581	5.2	677	6.0	11,263	562	5.0	639	5.7
Administrative support, including clerical	17,688	2,382	13.5	2,832	16.0	18,035	2,388	13.2	2,824	15.7
Service occupations	14,649	2,037	13.9	2,261	15.4	14,898	2,071	13.9	2,322	15.6
Protective service	2,065	812	39.3	886	42.9	2,069	801	38.7	878	42.4
Service, except protective service	12,585	1,224	9.7	1,375	10.9	12,830	1,270	9.9	1,444	11.3
Precision production, craft and repair	11,189	2,899	25.9	3,105	27.8	11,038	2,768	25.1	2,958	26.8
Operators, fabricators, and laborers	16,492	4,345	26.3	4,619	28.0	16,206	4,174	25.8	4,418	27.3
Machine operators, assemblers, and inspectors	7,480	2,001	26.8	2,110	28.2	7,273	1,928	26.5	2,033	28.0
Transportation and material moving occupations	4,513	1,282	28.4	1,372	30.4	4,464	1,228	27.5	1,301	29.1
Handlers, equipment cleaners, helpers, and laborers	4,499	1,063	23.6	1,138	25.3	4,470	1,019	22.8	1,084	24.3
Farming, forestry, and fishing	1,790	90	5.0	103	5.7	1,825	92	5.0	104	5.7
INDUSTRY										
Agricultural wage and salary workers	1,517	32	2.1	36	2.4	1,505	37	2.4	42	2.8
Private nonagricultural wage and salary workers	83,294	9,909	11.9	10,907	13.1	84,039	9,703	11.5	10,660	12.7
Mining	676	101	15.0	114	16.9	620	94	15.1	100	16.1
Construction	4,624	977	21.1	1,034	22.4	4,530	906	20.0	955	21.1
Manufacturing	19,590	3,976	20.3	4,269	21.8	19,076	3,749	19.7	4,005	21.0
Durable goods	11,424	2,503	21.9	2,683	23.5	10,945	2,329	21.3	2,487	22.7
Nondurable goods	8,166	1,472	18.0	1,586	19.4	8,131	1,420	17.5	1,518	18.7
Transportation and public utilities	6,082	1,895	31.2	2,036	33.5	6,233	1,922	30.8	2,052	32.9
Transportation	3,439	1,014	29.5	1,074	31.2	3,506	1,015	29.0	1,061	30.3
Communications and public utilities	2,643	881	33.3	962	36.4	2,727	906	33.2	991	36.3
Wholesale and retail trade	21,015	1,406	6.7	1,552	7.4	21,347	1,402	6.6	1,542	7.2
Wholesale trade	4,016	282	7.0	309	7.7	4,128	279	6.8	310	7.5
Retail trade	16,999	1,124	6.6	1,243	7.3	17,219	1,123	6.5	1,232	7.2
Finance, insurance, and real estate	6,694	161	2.4	221	3.3	6,658	144	2.2	196	2.9
Services	24,613	1,392	5.7	1,681	6.8	25,575	1,487	5.8	1,810	7.1
Government workers	17,975	6,627	36.9	7,791	43.3	18,144	6,650	36.7	7,838	43.2

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

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

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. Data on occupations and industries for 1992 are not comparable with data for prior years because of the introduction of the classification systems used in the 1990 census.

**HOUSEHOLD DATA
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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	1991				1992			
	Total	Members of unions ¹	Repre- sented by unions ²	Non- union	Total	Members of unions ¹	Repre- sented by unions ²	Non- union
SEX AND AGE								
Total, 16 years and over	\$430	\$526	\$522	\$404	\$445	\$547	\$541	\$413
16 to 24 years	278	358	347	272	277	352	346	272
25 years and over	468	539	535	436	480	559	554	450
25 to 34 years	417	496	491	403	424	506	499	410
35 to 44 years	499	557	555	479	504	576	572	484
45 to 54 years	507	561	580	480	523	601	601	496
55 to 64 years	469	534	529	427	483	552	549	447
65 years and over	381	522	526	348	378	495	493	354
Men, 16 years and over	497	568	567	473	505	589	586	480
16 to 24 years	286	377	368	279	285	374	367	279
25 years and over	525	579	579	508	539	597	596	515
25 to 34 years	462	520	518	440	470	535	528	449
35 to 44 years	578	591	592	567	584	609	608	570
45 to 54 years	614	613	615	612	636	636	638	633
55 to 64 years	562	579	580	543	578	597	598	557
65 years and over	465	601	607	404	421	571	557	400
Women, 16 years and over	368	467	462	348	381	464	481	361
16 to 24 years	267	321	317	263	267	319	322	263
25 years and over	388	477	473	369	400	491	489	383
25 to 34 years	372	440	432	360	383	451	445	374
35 to 44 years	408	491	490	389	419	504	503	399
45 to 54 years	398	499	497	375	417	519	518	391
55 to 64 years	363	448	445	337	376	461	460	355
65 years and over	319	388	392	306	328	409	419	310
RACE, HISPANIC ORIGIN, AND SEX								
White, 16 years and over	446	544	539	415	462	568	562	426
Men	509	581	581	488	518	601	599	495
Women	374	477	473	355	388	496	492	370
Black, 16 years and over	348	481	452	314	357	468	464	322
Men	374	489	485	330	380	496	494	338
Women	323	420	414	302	336	423	422	311
Hispanic origin, 16 years and over	315	439	438	295	324	481	472	303
Men	328	481	482	305	345	511	504	313
Women	293	374	376	278	303	397	394	289

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	1991				1992			
	Total	Members of unions ¹	Repre-sented by unions ²	Non-union	Total	Members of unions ¹	Repre-sented by unions ²	Non-union
OCCUPATION								
Managerial and professional specialty	\$627	\$634	\$630	\$626	\$655	\$661	\$655	\$655
Executive, administrative, and managerial	620	623	636	619	650	673	672	648
Professional specialty	634	637	626	637	659	658	651	664
Technical, sales, and administrative support	394	480	474	382	407	500	494	394
Technicians and related support	508	554	556	501	508	566	584	498
Sales occupations	418	413	414	418	432	466	466	428
Administrative support, including clerical	365	477	466	347	381	493	485	363
Service occupations	280	448	437	253	283	444	433	256
Protective service	489	614	609	387	486	614	608	385
Service, except protective service	256	351	345	242	259	358	351	244
Precision production, craft and repair	483	598	593	430	491	621	616	438
Operators, fabricators, and laborers	351	480	475	310	357	496	491	314
Machine operators, assemblers, and inspectors	336	446	440	304	343	473	466	307
Transportation and material moving occupations	419	557	547	374	427	576	566	381
Handlers, equipment cleaners, helpers, and laborers	305	450	442	273	308	469	461	281
Farming, forestry, and fishing	263	414	405	256	263	397	391	257
INDUSTRY								
Agricultural wage and salary workers	267	(¹)	(¹)	264	271	(¹)	(¹)	269
Private nonagricultural wage and salary workers	415	\$510	\$506	400	424	\$525	\$520	409
Mining	596	588	589	598	604	600	588	609
Construction	468	679	665	412	478	698	691	417
Manufacturing	444	485	484	425	458	503	500	440
Durable goods	478	501	501	464	486	517	515	474
Nondurable goods	401	446	443	389	411	471	466	398
Transportation and public utilities	532	595	589	501	554	615	612	510
Transportation	500	606	599	452	506	622	618	453
Communications and public utilities	586	583	580	591	615	608	605	624
Wholesale and retail trade	334	416	413	326	342	439	429	333
Wholesale trade	451	493	491	445	450	484	480	446
Retail trade	303	391	388	298	310	418	411	304
Finance, insurance, and real estate	449	463	454	448	472	469	475	472
Services	394	431	436	390	406	443	444	403
Government workers	506	560	554	461	518	579	575	479

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.

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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	1992						
	Total employed	Absence rate ¹			Lost worktime rate ²		
		Total	Illness	Other reasons	Total	Illness	Other reasons
Total, 16 years and over	84,143	4.8	2.6	2.2	2.8	1.6	1.2
16 to 19 years	1,514	7.3	2.5	4.7	3.7	1.3	2.4
20 to 24 years	8,342	5.1	2.5	2.6	2.7	1.3	1.4
25 years and over	74,287	4.7	2.6	2.1	2.8	1.6	1.2
25 to 54 years	65,887	4.6	2.5	2.1	2.7	1.5	1.2
55 years and over	8,400	5.5	3.3	2.2	3.4	2.3	1.1
Men, 16 years and over	47,877	3.7	2.1	1.6	2.2	1.3	.9
16 to 19 years	890	6.4	1.8	4.6	3.6	1.3	2.4
20 to 24 years	4,627	4.0	1.8	2.1	2.1	1.0	1.1
25 years and over	42,360	3.6	2.1	1.5	2.2	1.4	.8
25 to 54 years	37,470	3.4	2.0	1.4	2.1	1.3	.8
55 years and over	4,889	4.8	3.0	1.7	3.2	2.2	1.0
Married men, spouse present ³	31,238	3.6	2.1	1.5	2.2	1.3	.9
With no children under 18 years	12,762	3.7	2.2	1.5	2.4	1.5	.9
Youngest child, 6 to 17 years	9,338	3.6	2.3	1.4	2.3	1.5	.8
Youngest child, under 6 years	9,138	3.3	1.7	1.6	1.8	1.0	.9
All other men ³	16,639	3.8	2.1	1.8	2.2	1.3	.9
With no children under 18 years	15,699	3.9	2.1	1.8	2.2	1.3	.9
Youngest child, 6 to 17 years	567	3.3	1.9	1.4	1.7	1.1	.6
Youngest child, under 6 years	373	2.8	1.5	1.3	1.9	1.0	.9
Women, 16 years and over	36,266	6.4	3.3	3.0	3.6	1.9	1.7
16 to 19 years	624	8.5	3.6	4.9	3.8	1.5	2.4
20 to 24 years	3,715	6.6	3.3	3.2	3.6	1.7	1.9
25 years and over	31,927	6.3	3.3	3.0	3.6	1.9	1.7
25 to 54 years	28,416	6.3	3.3	3.0	3.6	1.9	1.7
55 years and over	3,511	6.6	3.7	2.8	3.7	2.3	1.4
Married women, spouse present ³	19,812	6.8	3.4	3.5	4.0	1.9	2.1
With no children under 18 years	9,811	5.7	3.3	2.4	3.2	1.9	1.3
Youngest child, 6 to 17 years	5,860	6.2	3.3	2.8	3.2	1.9	1.3
Youngest child, under 6 years	4,141	10.5	3.5	6.9	7.1	2.1	5.1
All other women ³	16,454	5.8	3.3	2.5	3.1	1.9	1.3
With no children under 18 years	13,149	5.4	3.2	2.2	2.9	1.8	1.1
Youngest child, 6 to 17 years	2,330	6.4	3.6	2.8	3.4	2.2	1.2
Youngest child, under 6 years	976	9.9	4.0	5.9	6.1	2.3	3.8

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	1992						
	Total employed	Absence rate ¹			Lost worktime rate ²		
		Total	Illness	Other reasons	Total	Illness	Other reasons
OCCUPATION							
Managerial and professional specialty	23,246	4.0	1.8	2.1	2.1	0.9	1.2
Executive, administrative, and managerial	11,287	3.5	1.7	1.7	1.9	.9	1.0
Professional specialty	11,959	4.5	1.9	2.6	2.3	.9	1.4
Technical, sales, and administrative support	25,928	5.0	2.7	2.3	2.7	1.5	1.2
Technicians and related support	3,564	5.1	2.8	2.3	2.9	1.7	1.3
Sales occupations	7,903	4.1	1.9	2.2	2.2	1.1	1.1
Administrative support, including clerical	14,460	5.4	3.1	2.3	2.9	1.7	1.2
Service occupations	9,104	6.2	3.2	3.0	3.8	2.2	1.6
Precision production, craft and repair	10,435	4.2	2.7	1.5	2.7	1.8	.9
Operators, fabricators, and laborers	14,000	5.6	3.3	2.2	3.6	2.3	1.3
Farming, forestry, and fishing	1,430	3.8	2.0	1.8	2.8	1.6	1.2
INDUSTRY							
Agricultural wage and salary workers	1,200	3.8	1.9	2.0	2.8	1.6	1.2
Private nonagricultural wage and salary workers	67,570	4.7	2.6	2.1	2.7	1.6	1.2
Mining	605	4.7	2.4	2.3	3.7	1.5	2.2
Construction	4,081	5.0	2.6	2.4	3.4	1.8	1.6
Manufacturing	18,197	4.6	2.9	1.7	2.7	1.8	.9
Durable goods	10,608	4.6	3.0	1.6	2.8	1.8	.9
Nondurable goods	7,589	4.7	2.8	1.9	2.7	1.7	1.0
Transportation and public utilities	5,658	4.5	2.7	1.8	3.1	1.8	1.3
Transportation	3,033	4.7	2.6	2.1	3.7	2.0	1.7
Communications and other public utilities	2,625	4.2	2.7	1.5	2.4	1.6	.8
Wholesale and retail trade	14,346	4.3	2.2	2.2	2.4	1.3	1.1
Wholesale trade	3,781	3.8	2.1	1.7	2.2	1.3	.9
Retail trade	10,565	4.5	2.2	2.3	2.4	1.3	1.2
Finance, insurance, and real estate	5,850	3.8	2.1	1.7	2.0	1.1	.9
Services	18,832	5.2	2.7	2.5	2.8	1.5	1.3
Government workers	15,373	5.5	2.9	2.7	3.2	1.7	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.

NOTE: Data for 1992 are not fully comparable with data for prior years because of the introduction of the occupational and industrial classification systems used in the 1990 census.

**HOUSEHOLD DATA
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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					
	1991	1992	Total		Central cities		Suburbs	
			1991	1992	1991	1992	1991	1992
TOTAL								
Civilian noninstitutional population	189,765	191,576	147,685	149,120	57,570	57,741	90,115	91,378
Civilian labor force	125,303	126,982	98,957	100,058	37,179	37,523	61,778	62,538
Percent of population	66.0	66.3	67.0	67.1	64.6	65.0	68.8	68.4
Employed	116,877	117,598	92,377	92,595	34,224	34,195	58,154	58,400
Unemployed	8,426	9,384	6,580	7,463	2,955	3,327	3,625	4,135
Unemployment rate	6.7	7.4	6.6	7.5	7.9	8.9	5.9	6.8
Not in labor force	64,462	64,593	48,728	49,061	20,392	20,219	28,336	28,842
Men, 20 years and over								
Civilian noninstitutional population	83,806	84,891	65,203	66,051	25,064	25,126	40,139	40,925
Civilian labor force	64,822	65,638	51,157	51,697	19,117	19,187	32,039	32,510
Percent of population	77.3	77.3	78.5	78.3	76.3	76.4	79.8	79.4
Employed	60,714	61,019	47,929	48,005	17,663	17,543	30,266	30,462
Unemployed	4,109	4,619	3,228	3,691	1,454	1,643	1,774	2,048
Unemployment rate	6.3	7.0	6.3	7.1	7.6	8.6	5.5	6.3
Not in labor force	18,983	19,253	14,046	14,354	5,946	5,940	8,100	8,414
Women, 20 years and over								
Civilian noninstitutional population	92,584	93,524	72,252	73,072	28,565	28,753	43,687	44,319
Civilian labor force	53,563	54,594	42,524	43,281	16,225	16,511	26,298	26,769
Percent of population	57.9	58.4	58.9	59.2	56.8	57.4	60.2	60.4
Employed	50,535	51,181	40,163	40,549	15,148	15,273	25,015	25,275
Unemployed	3,028	3,413	2,361	2,732	1,077	1,238	1,283	1,494
Unemployment rate	5.7	6.3	5.6	6.3	6.6	7.5	4.9	5.6
Not in labor force	39,021	38,930	29,728	29,791	12,340	12,242	17,388	17,549
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,376	13,161	10,230	9,997	3,941	3,862	6,289	6,135
Civilian labor force	6,918	6,751	5,277	5,081	1,836	1,825	3,441	3,256
Percent of population	51.7	51.3	51.6	50.8	46.6	47.2	54.7	53.1
Employed	5,628	5,398	4,285	4,041	1,412	1,379	2,873	2,662
Unemployed	1,290	1,352	992	1,040	424	446	568	594
Unemployment rate	18.6	20.0	18.8	20.5	23.1	24.4	16.5	18.2
Not in labor force	6,458	6,411	4,953	4,916	2,105	2,038	2,848	2,879
White								
Civilian noninstitutional population	161,511	162,658	123,846	124,506	42,534	42,515	81,312	81,991
Civilian labor force	107,486	108,526	83,722	84,171	28,006	28,130	55,716	56,041
Percent of population	66.6	66.7	67.6	67.6	65.8	66.2	68.5	68.3
Employed	101,039	101,479	78,794	78,721	26,164	26,111	52,629	52,810
Unemployed	6,447	7,047	4,928	5,450	1,841	2,019	3,087	3,431
Unemployment rate	6.0	6.5	5.9	6.5	6.6	7.2	5.5	6.1
Not in labor force	54,025	54,132	40,124	40,335	14,528	14,385	25,596	25,950
Black								
Civilian noninstitutional population	21,615	21,958	17,875	18,479	12,141	12,249	5,833	6,230
Civilian labor force	13,542	13,891	11,431	11,826	7,372	7,459	4,059	4,367
Percent of population	62.6	63.3	63.8	64.0	60.7	60.9	68.6	70.1
Employed	11,863	11,933	10,023	10,138	6,377	6,309	3,646	3,829
Unemployed	1,679	1,958	1,408	1,689	995	1,150	414	538
Unemployment rate	12.4	14.1	12.3	14.3	13.5	15.4	10.2	12.3
Not in labor force	8,074	8,067	6,544	6,652	4,770	4,790	1,774	1,863
Hispanic origin								
Civilian noninstitutional population	14,770	15,244	13,851	14,177	7,774	7,914	6,078	6,263
Civilian labor force	9,782	10,131	9,178	9,438	5,000	5,101	4,178	4,337
Percent of population	66.1	66.5	66.3	66.6	64.3	64.5	68.7	69.3
Employed	8,799	8,971	8,268	8,363	4,498	4,500	3,770	3,863
Unemployed	963	1,160	910	1,076	502	601	408	475
Unemployment rate	9.9	11.4	9.9	11.4	10.0	11.8	9.8	10.9
Not in labor force	5,008	5,113	4,673	4,739	2,774	2,813	1,899	1,925

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	
	Total		Farm		Nonfarm		1991	1992	1991	1992
	1991	1992	1991	1992	1991	1992				
TOTAL										
Civilian noninstitutional population	42,080	42,456	2,696	2,723	39,385	39,733	138,228	139,350	51,538	52,225
Civilian labor force	26,346	26,924	1,898	1,961	24,448	24,963	91,487	92,564	33,816	34,418
Percent of population	62.6	63.4	70.4	72.0	62.1	62.8	66.2	66.4	65.6	65.9
Employed	24,500	25,003	1,856	1,925	22,644	23,078	85,145	85,410	31,731	32,188
Unemployed	1,846	1,922	42	36	1,804	1,886	6,341	7,154	2,085	2,230
Unemployment rate	7.0	7.1	2.2	1.8	7.4	7.6	6.9	7.7	6.2	6.5
Not in labor force	15,735	15,532	798	763	14,937	14,769	46,741	46,786	17,722	17,807
Men, 20 years and over										
Civilian noninstitutional population	18,603	18,840	1,314	1,345	17,289	17,495	60,319	61,024	23,487	23,867
Civilian labor force	13,666	13,941	1,099	1,141	12,567	12,800	46,828	47,334	17,995	18,303
Percent of population	73.5	74.0	83.7	84.8	72.7	73.2	77.6	77.6	76.6	76.7
Employed	12,785	13,014	1,080	1,126	11,705	11,888	43,768	43,837	16,946	17,162
Unemployed	881	927	19	15	862	913	3,060	3,497	1,049	1,122
Unemployment rate	6.4	6.7	1.7	1.3	6.9	7.1	6.5	7.4	5.8	6.1
Not in labor force	4,937	4,899	215	205	4,723	4,695	13,491	13,689	5,492	5,563
Women, 20 years and over										
Civilian noninstitutional population	20,332	20,452	1,168	1,185	19,164	19,267	68,348	68,940	24,236	24,584
Civilian labor force	11,039	11,313	672	702	10,367	10,611	39,760	40,450	13,803	14,144
Percent of population	54.3	55.3	57.6	59.3	54.1	55.1	58.2	58.7	57.0	57.5
Employed	10,372	10,632	660	688	9,712	9,945	37,442	37,802	13,093	13,378
Unemployed	667	681	13	16	654	665	2,318	2,648	710	766
Unemployment rate	6.0	6.0	1.9	2.3	6.3	6.3	5.8	6.5	5.1	5.4
Not in labor force	9,293	9,139	496	482	8,797	8,657	28,588	28,490	10,433	10,440
Both sexes, 16 to 19 years										
Civilian noninstitutional population	3,146	3,184	214	194	2,932	2,971	9,561	9,386	3,815	3,775
Civilian labor force	1,641	1,670	127	118	1,514	1,552	4,699	4,779	2,019	1,971
Percent of population	52.2	52.8	59.2	60.8	51.7	52.3	51.2	50.9	52.9	52.2
Employed	1,343	1,357	116	113	1,227	1,245	3,936	3,770	1,692	1,628
Unemployed	298	313	11	5	288	308	964	1,009	326	343
Unemployment rate	18.2	18.7	8.3	4.3	19.0	19.8	19.7	21.1	16.2	17.4
Not in labor force	1,505	1,494	87	76	1,417	1,418	4,662	4,607	1,796	1,804
White										
Civilian noninstitutional population	37,665	38,152	2,637	2,656	35,028	35,496	113,881	114,330	47,630	48,327
Civilian labor force	23,764	24,356	1,864	1,915	21,900	22,440	76,060	76,527	31,426	31,999
Percent of population	63.1	63.8	70.7	72.1	62.5	63.2	66.8	66.9	66.0	66.2
Employed	22,245	22,758	1,825	1,881	20,421	20,877	71,454	71,449	29,585	30,030
Unemployed	1,519	1,597	39	34	1,480	1,563	4,607	5,078	1,840	1,969
Unemployment rate	6.4	6.6	2.1	1.8	6.8	7.0	6.1	6.6	5.9	6.2
Not in labor force	13,901	13,796	773	741	13,128	13,056	37,821	37,803	16,204	16,329
Black										
Civilian noninstitutional population	3,641	3,479	39	51	3,602	3,428	18,535	18,972	3,081	2,985
Civilian labor force	2,111	2,064	22	34	2,089	2,030	11,668	12,041	1,873	1,850
Percent of population	58.0	59.3	55.5	66.7	58.0	59.2	63.0	63.5	60.8	62.0
Employed	1,840	1,795	20	33	1,821	1,762	10,186	10,287	1,677	1,646
Unemployed	270	269	2	1	269	268	1,482	1,754	196	204
Unemployment rate	12.8	13.0	8.5	3.2	12.9	13.2	12.7	14.6	10.5	11.0
Not in labor force	1,530	1,415	17	17	1,513	1,398	6,866	6,932	1,207	1,135
Hispanic origin										
Civilian noninstitutional population	919	1,066	29	24	890	1,043	13,636	13,897	1,134	1,346
Civilian labor force	584	693	24	19	560	674	9,014	9,218	748	913
Percent of population	63.6	64.9	(¹)	(¹)	62.9	64.6	66.1	66.3	66.0	67.8
Employed	531	609	24	19	508	590	8,127	8,163	673	809
Unemployed	53	84	1	-	52	84	887	1,056	76	104
Unemployment rate	9.1	12.1	(¹)	(¹)	9.3	12.4	9.8	11.5	10.1	11.4
Not in labor force	335	374	5	5	330	369	4,623	4,679	385	433

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.

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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	
	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992
TOTAL												
Civilian noninstitutional population	26,913	26,797	162,852	164,778	17,213	17,122	130,472	131,998	9,701	9,676	32,380	32,780
Civilian labor force	15,270	15,364	110,034	111,618	9,661	9,666	89,296	90,393	5,608	5,698	20,737	21,226
Percent of population	56.7	57.3	67.6	67.7	56.1	56.5	68.4	68.5	57.8	58.9	64.0	64.8
Employed	13,605	13,520	103,272	104,078	8,467	8,313	83,911	84,283	5,138	5,207	19,361	19,795
Unemployed	1,665	1,844	6,762	7,540	1,194	1,353	5,366	6,110	470	491	1,376	1,431
Unemployment rate	10.9	12.0	6.1	6.8	12.4	14.0	6.0	6.8	8.4	8.6	6.6	6.7
Men, 20 years and over	10.2	11.2	5.8	6.5	11.8	13.2	5.7	6.5	7.5	7.8	6.2	6.3
Women, 20 years and over	9.4	10.5	5.1	5.7	10.4	12.2	5.0	5.7	7.6	7.6	5.6	5.6
Both sexes, 16 to 19 years	28.0	30.5	17.3	18.4	31.7	34.7	17.3	18.7	21.8	23.4	17.3	17.5
Men	28.9	30.6	18.4	20.0	33.1	35.4	18.3	20.5	22.5	23.2	18.6	18.3
Women	27.1	30.3	16.0	16.7	30.3	33.9	16.1	16.7	20.8	23.7	15.8	16.7
Not in labor force	11,644	11,434	52,819	53,160	7,552	7,456	41,176	41,605	4,092	3,977	11,642	11,555
White												
Civilian noninstitutional population	16,297	16,441	145,215	146,217	9,076	9,119	114,769	115,387	7,220	7,323	30,445	30,829
Civilian labor force	9,527	9,727	97,958	98,799	5,280	5,334	78,442	78,837	4,248	4,393	19,517	19,963
Percent of population	58.5	59.2	67.5	67.6	58.2	58.5	68.3	68.3	58.8	60.0	64.1	64.8
Employed	8,738	8,836	92,301	92,643	4,771	4,761	74,023	73,960	3,967	4,075	18,278	18,683
Unemployed	790	891	5,657	6,156	509	573	4,419	4,877	280	318	1,239	1,279
Unemployment rate	8.3	9.2	5.8	6.2	9.6	10.7	5.6	6.2	6.6	7.2	6.3	6.4
Men, 20 years and over	8.0	8.7	5.5	6.0	9.3	10.3	5.4	6.0	6.2	6.7	5.9	6.0
Women, 20 years and over	6.9	7.9	4.8	5.2	8.2	9.4	4.6	5.2	5.3	6.2	5.4	5.3
Both sexes, 16 to 19 years	20.8	22.3	15.9	16.6	22.8	24.5	15.8	16.4	18.4	19.7	16.5	16.9
Men	22.0	22.3	17.0	18.0	24.7	25.6	16.9	18.1	19.1	18.7	17.6	17.6
Women	19.4	22.2	14.8	15.0	20.8	23.3	14.6	14.6	17.5	20.9	15.3	16.2
Not in labor force	6,769	6,714	47,256	47,417	3,797	3,785	36,327	36,551	2,972	2,930	10,929	10,867
Black												
Civilian noninstitutional population	9,583	9,312	12,032	12,645	7,375	7,253	10,599	11,226	2,208	2,059	1,433	1,419
Civilian labor force	5,194	5,053	8,348	8,837	3,981	3,912	7,450	7,915	1,213	1,142	898	922
Percent of population	54.2	54.3	69.4	69.9	54.0	53.9	70.3	70.5	54.9	55.4	62.7	65.0
Employed	4,380	4,172	7,483	7,761	3,333	3,181	6,690	6,956	1,048	991	793	805
Unemployed	814	882	865	1,076	648	730	760	958	165	151	105	118
Unemployment rate	15.7	17.4	10.4	12.2	16.3	18.7	10.2	12.1	13.6	13.2	11.7	12.8
Men, 20 years and over	14.9	16.7	9.4	11.5	16.0	18.3	9.2	11.4	11.2	11.4	10.9	12.9
Women, 20 years and over	13.3	14.6	8.8	10.0	13.2	15.4	8.6	10.0	13.7	12.1	10.1	10.5
Both sexes, 16 to 19 years	40.9	45.2	33.0	36.4	43.4	47.5	33.1	37.0	32.8	37.1	32.7	31.0
Men	40.8	44.4	33.5	40.4	43.8	47.1	33.1	40.6	32.5	36.5	(¹)	(¹)
Women	41.1	46.2	32.6	32.1	43.0	48.0	33.1	33.1	(¹)	(¹)	(¹)	(¹)
Not in labor force	4,389	4,259	3,684	3,808	3,394	3,341	3,150	3,311	995	918	535	497
Hispanic origin												
Civilian noninstitutional population	4,385	4,503	10,385	10,741	4,066	4,141	9,785	10,037	319	362	600	704
Civilian labor force	2,470	2,566	7,293	7,565	2,281	2,349	6,898	7,090	189	218	395	475
Percent of population	56.3	57.0	70.2	70.4	56.1	56.7	70.5	70.6	59.2	60.1	65.8	67.4
Employed	2,172	2,218	6,627	6,754	1,999	2,028	6,269	6,335	173	189	359	419
Unemployed	298	349	666	811	281	320	629	755	16	28	36	56
Unemployment rate	12.1	13.6	9.1	10.7	12.3	13.6	9.1	10.7	8.7	13.0	9.2	11.7
Men, 20 years and over	10.8	12.2	8.6	9.8	11.1	12.3	8.7	9.7	7.5	10.6	6.9	10.0
Women, 20 years and over	10.7	12.9	7.9	9.3	11.1	12.9	7.8	9.3	6.9	13.2	9.3	9.9
Both sexes, 16 to 19 years	28.3	27.0	20.9	27.7	28.6	26.3	20.6	27.2	(¹)	(¹)	24.6	33.2
Men	29.4	26.6	21.6	28.9	30.0	25.9	21.5	28.3	(¹)	(¹)	(¹)	(¹)
Women	26.9	27.5	19.8	26.0	26.9	26.9	19.2	25.7	(¹)	(¹)	(¹)	(¹)
Not in labor force	1,915	1,937	3,092	3,176	1,785	1,792	2,888	2,947	130	144	205	229

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	1989	1990	1991	1992 ^P
Total	108,329	109,782	108,310	108,434
Total private	90,550	91,478	89,930	89,857
Goods-producing	25,322	24,960	23,830	23,421
Mining	693	710	691	635
Oil and gas extraction	381.5	395.1	394.1	353.7
Construction	5,187	5,133	4,685	4,594
General building contractors	1,335.7	1,301.3	1,151.8	1,102.9
Manufacturing	19,442	19,117	18,455	18,192
Durable goods	11,420	11,130	10,602	10,340
Lumber and wood products	758.3	735.3	678.9	686.6
Furniture and fixtures	526.2	507.4	472.0	464.9
Stone, clay, and glass products	570.0	557.9	523.9	519.3
Primary metal industries	773.1	757.1	725.7	703.4
Blast furnaces and basic steel products	279.2	276.4	263.8	254.0
Fabricated metal products	1,450.0	1,422.7	1,358.8	1,334.6
Industrial machinery and equipment	2,130.3	2,098.9	2,006.9	1,945.9
Electronic and other electrical equipment	1,747.4	1,675.9	1,598.3	1,548.5
Transportation equipment	2,053.5	1,990.4	1,891.1	1,826.7
Motor vehicles and equipment	859.8	813.1	789.0	812.1
Instruments and related products	1,027.9	1,007.6	980.0	943.2
Miscellaneous manufacturing	383.4	376.8	366.3	366.7
Nondurable goods	8,022	7,988	7,852	7,852
Food and kindred products	1,650.8	1,666.0	1,671.9	1,670.7
Tobacco products	50.1	49.3	49.1	49.1
Textile mill products	720.7	692.3	672.3	678.3
Apparel and other textile products	1,079.4	1,039.3	1,010.3	1,017.6
Paper and allied products	697.4	698.1	688.2	688.4
Printing and publishing	1,562.4	1,574.6	1,540.9	1,520.7
Chemicals and allied products	1,076.2	1,087.6	1,072.4	1,070.9
Petroleum and coal products	156.2	157.5	158.8	154.6
Rubber and misc. plastics products	890.5	889.6	863.7	878.7
Leather and leather products	138.0	133.4	124.7	123.0
Service-producing	83,007	84,822	84,480	85,013
Transportation and public utilities	5,644	5,808	5,772	5,741
Transportation	3,428	3,537	3,512	3,519
Communications and public utilities	2,216	2,271	2,260	2,222
Wholesale trade	6,221	6,200	6,069	5,983
Durable goods	3,674	3,631	3,525	3,439
Nondurable goods	2,547	2,569	2,544	2,544
Retail trade	19,549	19,877	19,259	19,137
General merchandise stores	2,546.3	2,541.7	2,426.1	2,308.6
Food stores	3,170.1	3,220.5	3,203.9	3,177.7
Automotive dealers and service stations	2,097.8	2,067.5	1,996.0	2,011.8
Eating and drinking places	6,439.0	6,555.6	6,465.4	6,483.6
Finance, insurance, and real estate	6,695	6,729	6,878	6,672
Finance	3,294	3,278	3,211	3,232
Insurance	2,095	2,129	2,163	2,139
Real estate	1,305	1,323	1,305	1,301
Services	27,120	28,103	28,323	28,903
Business services	4,982.3	5,173.2	5,086.7	5,289.8
Health services	7,483.7	7,831.2	6,177.3	6,464.0
Government	17,779	18,304	18,380	18,578
Federal	2,988	3,085	2,966	2,967
State	4,182	4,305	4,346	4,371
Local	10,609	10,914	11,067	11,239

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1991 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1991 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	1989	1990	1991	1992 ^P
Total private	73,400	74,108	72,705	72,804
Goods-producing	17,811	17,472	16,533	16,305
Mining	494	509	491	450
Construction	4,048	3,984	3,575	3,510
Manufacturing	13,269	12,979	12,467	12,346
Durable goods	7,614	7,379	6,988	6,860
Lumber and wood products	627.5	604.9	555.5	563.0
Furniture and fixtures	419.3	400.7	370.6	366.6
Stone, clay, and glass products	444.9	433.2	404.5	401.3
Primary metal industries	590.0	574.8	547.1	531.5
Blast furnaces and basic steel products	215.4	212.0	200.5	191.6
Fabricated metal products	1,074.0	1,047.6	993.8	979.3
Industrial machinery and equipment	1,285.2	1,263.1	1,198.3	1,164.1
Electronic and other electrical equipment	1,103.9	1,056.4	1,003.6	984.0
Transportation equipment	1,279.3	1,224.9	1,169.7	1,143.9
Motor vehicles and equipment	664.9	617.9	601.4	620.6
Instruments and related products	510.8	500.2	481.8	461.5
Miscellaneous manufacturing	279.3	273.6	263.7	264.2
Nondurable goods	5,655	5,600	5,479	5,486
Food and kindred products	1,181.0	1,197.9	1,207.7	1,214.3
Tobacco products	37.2	36.5	36.4	36.9
Textile mill products	622.8	593.9	576.1	580.7
Apparel and other textile products	910.1	871.3	844.7	852.1
Paper and allied products	521.8	523.5	517.6	518.4
Printing and publishing	867.1	874.4	849.9	840.2
Chemicals and allied products	604.6	600.7	579.0	564.4
Petroleum and coal products	102.0	103.1	102.7	101.3
Rubber and misc. plastics products	693.7	688.6	663.4	678.1
Leather and leather products	114.5	109.7	101.2	99.5
Service-producing	55,590	56,636	56,172	56,499
Transportation and public utilities	4,688	4,821	4,798	4,791
Wholesale trade	5,009	4,981	4,862	4,805
Retail trade	17,327	17,425	16,987	16,842
Finance, insurance, and real estate	4,849	4,876	4,818	4,822
Services	23,718	24,534	24,707	25,239

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 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1991 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			
	1989	1990	1991	1992 ²	1989	1990	1991	1992 ²	1989	1990	1991	1992 ²
Total private	34.6	34.5	34.3	34.4	\$9.66	\$10.01	\$10.33	\$10.59	\$334.24	\$345.35	\$354.32	\$364.30
Mining	43.0	44.1	44.4	44.0	13.26	13.68	14.18	14.51	570.18	603.29	629.59	638.44
Construction	37.9	38.2	38.1	38.0	13.54	13.77	13.99	14.10	513.17	526.01	533.02	535.80
Manufacturing	41.0	40.8	40.7	41.0	10.48	10.83	11.18	11.45	429.68	441.86	455.03	469.45
<i>Overtime hours</i>	3.8	3.6	3.6	3.8	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Durable goods	41.6	41.3	41.1	41.5	\$11.01	\$11.35	\$11.75	\$12.02	\$458.02	\$468.76	\$482.93	\$498.83
<i>Overtime hours</i>	3.9	3.7	3.5	3.7	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Lumber and wood products	40.1	40.2	40.0	40.6	\$8.84	\$9.08	\$9.24	\$9.43	\$354.48	\$365.02	\$369.60	\$382.86
Furniture and fixtures	39.5	39.1	38.9	39.7	8.25	8.52	8.76	8.99	325.88	333.13	340.76	356.90
Stone, clay, and glass products	42.3	42.0	41.7	42.2	10.82	11.12	11.37	11.64	457.69	467.04	474.13	491.21
Primary metal industries	43.0	42.7	42.2	43.1	12.43	12.92	13.34	13.68	534.49	551.68	562.95	589.61
Blast furnaces and basic steel products	43.4	43.4	42.7	43.5	14.25	14.82	15.37	15.90	618.45	643.19	656.30	691.65
Fabricated metal products	41.6	41.3	41.2	41.6	10.57	10.83	11.19	11.41	439.71	447.28	461.03	474.66
Industrial machinery and equipment	42.4	41.9	41.7	42.2	11.40	11.77	12.16	12.43	483.36	493.16	507.07	524.55
Electronic and other electrical equipment	40.8	40.8	40.7	41.2	10.05	10.30	10.71	11.01	410.04	420.24	435.90	453.61
Transportation equipment	42.4	42.0	41.9	41.8	13.67	14.08	14.74	15.15	579.61	591.36	617.61	633.27
Motor vehicles and equipment	43.1	42.4	42.3	42.4	14.25	14.56	15.19	15.33	614.18	617.34	642.54	649.99
Instruments and related products	41.1	41.1	41.0	41.1	10.83	11.29	11.65	11.93	445.11	464.02	477.65	490.32
Miscellaneous manufacturing	39.4	39.5	39.6	39.9	8.29	8.61	8.85	9.14	326.63	340.10	350.46	364.69
Nondurable goods	40.2	40.0	40.2	40.4	9.75	10.12	10.44	10.71	391.95	404.80	419.69	432.68
<i>Overtime hours</i>	3.6	3.6	3.7	3.8	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Food and kindred products	40.7	40.8	40.6	40.6	\$9.38	\$9.62	\$9.90	\$10.19	\$381.77	\$392.50	\$401.94	\$413.71
Tobacco products	38.6	39.2	39.1	38.7	15.31	16.23	16.68	16.74	590.97	636.22	652.19	647.84
Textile mill products	40.9	39.9	40.6	41.1	7.67	8.02	8.30	8.60	313.70	320.00	336.98	353.46
Apparel and other textile products	36.9	36.4	37.0	37.2	6.35	6.57	6.77	6.95	234.32	239.15	250.49	258.54
Paper and allied products	43.3	43.3	43.3	43.6	11.96	12.31	12.73	13.08	517.87	533.02	551.21	570.29
Printing and publishing	37.9	37.9	37.7	38.1	10.88	11.24	11.49	11.75	412.35	426.00	433.17	447.68
Chemicals and allied products	42.4	42.6	42.9	43.1	13.09	13.54	14.02	14.45	555.02	576.80	601.46	622.80
Petroleum and coal products	44.3	44.6	44.1	43.9	15.41	16.24	17.03	17.89	682.66	724.30	751.02	785.37
Rubber and misc. plastics products	41.4	41.1	41.1	41.7	9.46	9.76	10.07	10.38	391.64	401.14	413.88	432.85
Leather and leather products	37.9	37.4	37.5	38.0	6.59	6.91	7.18	7.39	249.76	258.43	269.25	280.82
Transportation and public utilities	38.9	38.9	38.7	38.8	12.60	12.97	13.24	13.49	490.14	504.53	512.39	523.41
Wholesale trade	38.0	38.1	38.1	38.2	10.39	10.79	11.15	11.40	394.82	411.10	424.82	435.48
Retail trade	28.9	28.8	28.6	28.8	6.53	6.75	6.95	7.14	188.72	194.40	198.77	205.63
Finance, insurance, and real estate	35.8	35.8	35.7	35.8	9.53	9.97	10.40	10.82	341.17	356.93	371.28	387.36
Services	32.6	32.5	32.4	32.5	9.38	9.83	10.22	10.54	305.79	319.48	331.13	342.55

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 1991 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1991 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 350,000 establishments employing over 41 million nonfarm wage and salary workers. The data relate to all workers, full or part time, who receive pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

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

Data from these two sources differ from each other because of differences in definitions and coverage, 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 *Family* refers to a group of two or more persons residing 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		Housholds 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 ratio 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						211				
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						138	138			
160,000										
180,000										

change of 200,000 is not significant at a 90-percent confidence level.

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

The reliability of an estimated percentage or rate depends upon the magnitude of the percentage or rate and its base. When the numerator and base are in different

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

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

Illustration. For a given month, suppose that 5,600,000 women, 20 to 24 years of age, are estimated to be employed. Of this total, 1,800,000 or 32 percent are classified as part-time workers. To estimate the standard error on this percentage, proceed as follows. Obtain the parameter $b = 2111.70$ 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-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.

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	-0.000010944	1668.04
High correlation characteristics ¹	-0.000008144	1304.38
Low correlation characteristics ¹	-0.000014170	2126.02
Men:		
Most characteristics	-0.000019884	1599.03
High correlation characteristics	-0.000014794	1249.33
Low correlation characteristics	-0.000051372	2221.13
Women:		
Most characteristics	-0.000018554	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 .....	.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 .....	.002782195	3509.38
Men or both sexes, 16 to 19 years .....	.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 .....	.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

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

Federal-State cooperation

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

Shuttle schedules

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

Data on the total number of full-and part-time workers on the payrolls of nonfarm establishments are entered on form BLS 790; for most industries, there is provision on form BLS 790 for data (for the pay period which includes the 12th day of the month) on employment, payroll levels, and hours of production and related or nonsupervisory workers.

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*, Office of Management and Budget. BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sectors.

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 count 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 has increased as has decreased. Index numbers above 50 show that more industries had increasing

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

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

Industry hours and earnings

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

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

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

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

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

ment 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 payments in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

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

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

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

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

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

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

ment 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 because 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.

Structural changes in the makeup of the workforce can affect long-term trends of average weekly earnings. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

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

ESTIMATING METHODS

The 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 1,700 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 months following the March benchmark are recalculated by applying previously derived over-the-month sample changes to the new, revised March level. Thus, while the employment levels for postbenchmark months can be substantially revised, the trends and over-the-month changes remain relatively the same.

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 350,000 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 1,700 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 level.

This detailed stratification pattern allows for the production and publication of estimates in considerable industry detail. Subindustry stratification by size is important because major statistics which the survey measures, particularly employment change and average earnings, often vary significantly among establishments of different size. Stratification reduces the variance of the published industry level estimates.

Link relative technique. A ratio of the previous to the current month's employment is computed from a sample of establishments reporting for both months—this ratio is called a "link relative." For each basic cell, a link relative is computed and applied to the previous month's employment estimate to derive the current month's estimate. Thus, a March benchmark is moved forward to the next March benchmark through application of monthly link relatives. Basic cell estimates created through the link relative technique are aggregated to form published industry level estimates, for employment, as described in table 2-A. Basic estimation and aggregation methods for the hours and earnings data are also shown in table 2-A.

Bias adjustment. Bias adjustment factors are computed at the 3-digit SIC level, and applied each month at the basic cell level, as part of 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 substantial amount of employment growth during any given year, nonsampling methods must be used to capture this growth, otherwise substantial underestimation of total employment levels would occur. Formal bias adjustment procedures have been used by the establishment survey since the late 1960's. Prior to the 1983 benchmark, bias adjustments were derived from a simple mean error model, which averaged undercount errors for the previous 3 years to arrive at bias projections for the coming year.

This procedure eventually proved inadequate during periods of rapidly changing employment trends, and bias adjustment methodology was revised. Research done in the early 1980's indicated that bias requirements correlated strongly with current employment growth or decline. Based on this research, a revised method was developed which incorporated data on employment growth

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.

over the most recent 2 quarters and included a regression-derived coefficient for the significance of that change, to adjust the mean error model results. This methodological change provided a more cyclically sensitive bias model.

The regression-adjusted mean error model has been in use since 1983 for producing national estimates.

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 to supply data in considerably more detail with an additional 1-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 the percentage of 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 certain 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, a sample design for these industries must have 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-B

Table 2-B. Employment benchmarks and approximate coverage of BLS employment and payrolls sample, March 1991

Industry	Bench- marks (thousands)	Sample coverage ¹		
		Number of establish- ments	Employees	
			Number (thousands)	Percent of bench- marks
Total	107,507	300,138	40,969	38
Mining	695	3,518	257	37
Construction	4,356	26,367	860	20
Manufacturing	18,339	55,254	8,884	48
Transportation and public utilities	5,707	² 15,598	² 2,425	42
Wholesale trade	6,050	25,379	1,136	19
Retail trade	18,934	59,471	4,330	23
Finance, insurance, and real estate	6,656	22,065	2,166	33
Services	28,053	70,075	6,852	24
Government:				
Federal	2,939	(³)	2,939	100
State	4,476	5,446	3,769	84
Local	11,302	16,965	7,351	65

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 6,000 reports covering about 64 percent of employment in Federal establishments.

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. 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 2C-2F.

Benchmark revision as a measure of survey error. The sum of sampling and nonsampling error can be considered total

Table 2-C. Current and historical benchmark revisions
(Numbers in thousands)

Industry	March 1991 benchmark revision		10-year average mean percent revision ¹	
	Level	Percent	Actual	Absolute
Total	-640	-0.6	-0.1	0.2
Total private	-583	-.7	-.2	.3
Goods-producing	9	(²)	-.5	.6
Mining	-4	-.6	-2.0	2.6
Oil and gas extraction	3	.8	-2.1	3.0
Construction	-10	-.2	-.3	1.2
General building contractors	-20	-1.8	0	1.9
Manufacturing	23	.1	-.5	.6
Durable goods	46	.4	-.5	.6
Lumber and wood products	-19	-2.9	-1.1	1.4
Furniture and fixtures	-9	-1.9	-.6	.9
Stone, clay, and glass products	1	.2	-.3	.9
Primary metal industries	5	.7	-.5	.8
Blast furnaces and basic steel products	3	1.1	.1	1.4
Fabricated metal products	-1	-.1	-.6	.8
Industrial machinery and equipment	14	.7	-1.0	1.1
Electronic and other electrical equipment	8	.5	-.9	1.0
Transportation equipment	35	1.9	.4	1.1
Motor vehicles and equipment	12	1.6	.9	1.5
Instruments and related products	10	1.0	-.1	1.7
Miscellaneous manufacturing	0	0	-1.1	1.3
Nondurable goods	-23	-.3	-.5	.7
Food and kindred products	-6	-.4	-.8	1.0
Tobacco products	0	0	.1	3.9
Textile mill products	4	.6	-.3	.6
Apparel and other textile products	-13	-1.3	-.8	1.2
Paper and allied products	-4	-.6	-.2	.5
Printing and publishing	4	.3	-.2	.8
Chemicals and allied products	-17	-1.6	-.5	.8
Petroleum and coal products	0	0	-.6	1.5
Rubber and miscellaneous plastics products	3	.4	-.6	1.6
Leather and leather products	4	3.2	-1.2	3.8
Service-producing	-649	-.8	0	.3
Transportation and public utilities	-57	-1.0	-.4	.6
Transportation	-52	-1.5	-.8	1.1
Communications and public utilities ³	-5	-.2	-.1	.8
Wholesale trade	-13	-.2	-.5	.9
Durable goods	3	.1	-.9	1.1
Nondurable goods	-16	-.6	0	.8
Retail trade	-56	-.3	.1	.7
General merchandise stores	82	3.4	.2	1.7
Food stores	-27	-.9	-.8	1.4
Auto dealers and service stations	-44	-2.2	-.4	1.2
Eating and drinking places	-68	-1.1	.5	1.2
Finance, insurance, and real estate	-29	-.4	-.3	.5
Finance ³	-75	-2.3	-.5	.6
Insurance ³	36	1.7	0	.8
Real estate ³	10	.8	-.4	1.4
Services	-437	-1.6	.1	.5
Business services	-216	-4.4	.3	1.6
Health services	-40	-.5	-.5	.9
Government	-57	-.3	.1	.3
Federal	0	0	0	0
State	4	.1	.5	.8
Local	-61	-.5	-.1	.4

¹ Data relate to the 1982-91 benchmarks, unless otherwise noted.

² Less than 0.05 percent.

³ Data relate to 1983-91 benchmarks.

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. Although the benchmark error is used as a measure of total error for the CES survey estimate, technically, it represents the difference between two independent estimates derived from separate survey processes (i.e., the CES sample process and the UI universe process) and thus reflects the errors present in each program. Historically, the benchmark revision has been very small for total nonfarm employment. Over the past decade, percentage benchmark error has averaged 0.2 percent, with a range from zero to 0.6 percent. Table 2-C 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-D.

Table 2-D. 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.

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 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-E and for individual industries with the specified number of employees in table 2-D. 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.

Table 2-E. 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.

Table 2-F. Errors of preliminary employment estimates

Industry	Root-mean-square error of monthly level	Mean percent revision	
		Actual	Absolute
Total	77,800	0.0	0.1
Total private	60,100	0	.1
Goods-producing industries	19,600	0	.1
Mining	2,700	.1	.3
Oil and gas extraction	2,500	.2	.5
Construction	13,000	.1	.2
General building contractors	5,300	0	.3
Manufacturing	12,700	0	.1
Durable goods	10,100	0	.1
Lumber and wood products	1,700	0	.2
Furniture and fixtures	1,400	0	.2
Stone, clay, and glass products	1,400	0	.2
Primary metal industries	2,600	-.1	.2
Blast furnaces and basic steel products	1,900	-.1	.5
Fabricated metal products	2,100	0	.1
Industrial machinery and equipment	3,000	0	.1
Electronic and other electrical equipment	3,500	0	.1
Transportation equipment	5,000	0	.2
Motor vehicles and equipment	4,400	0	.4
Instruments and related products	1,900	0	.2
Miscellaneous manufacturing	1,600	0	.3
Nondurable goods	7,000	0	.1
Food and kindred products	4,600	0	.2
Tobacco products	700	.4	1.0
Textile mill products	1,900	0	.2
Apparel and other textile products	2,800	0	.2
Paper and allied products	1,700	0	.2
Printing and publishing	1,800	0	.1
Chemicals and allied products	2,100	0	.1
Petroleum and coal products	700	0	.3
Rubber and misc. plastics products	1,600	0	.1
Leather and leather products	1,000	-.1	.6
Service-producing industries	69,100	0	.1
Transportation and public utilities	10,700	0	.1
Transportation	9,000	.1	.2
Communications and public utilities	4,400	0	.2
Wholesale trade	6,500	0	.1
Durable goods	4,200	0	.1
Nondurable goods	4,400	0	.1
Retail trade	32,100	0	.1
General merchandise stores	18,900	0	.5
Food stores	6,800	0	.2
Automotive dealers and service stations	4,400	0	.1
Eating and drinking places	6,500	0	.1
Finance, insurance, and real estate	7,500	0	.1
Finance	4,300	0	.1
Insurance	4,000	0	.1
Real estate	4,200	.1	.2
Services	33,800	0	.1
Business services	13,400	.1	.2
Health services	8,200	0	.1
Government	47,100	0	.2
Federal	15,100	.1	.4
State	19,000	-.1	.4
Local	32,000	0	.2

NOTE: Errors are based on differences from January 1987 through December 1991. Data used in the computations for several industries

are not strictly comparable due to changes in the industrial classification system.

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-F 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. The interpretation of these measures parallels the description above for revisions between final sample-based estimates and benchmarks (i.e., tables 2-B and 2-D).

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 nonfarm level, and may be slightly larger for the more detailed industry groupings.

STATISTICS FOR STATES AND AREAS (Tables B-8 and C-8)

State agencies in cooperation with BLS collect and prepare State and area employment, hours, and earnings data. The 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. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

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 1992, new seasonal adjustment factors for May-October 1992, and a description of the current seasonal adjustment procedure appear in the June 1992 issue of *Employment and Earnings*.

**U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics**

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REGIONS VII and VIII— KANSAS CITY 15th Floor 911 Walnut Street Kansas City, MO 64106 Phone: (816) 426-2481	I CONNECTICUT Labor Department, Employment Security Division, 200 Folly Brook Blvd. Wethersfield 06109	II NEW YORK Department of Labor, Division of Research and Statistics, State Campus, Room 400, Bldg. 12, Albany 12240-0020
REGIONS IX and X— SAN FRANCISCO 71 Stevenson Street P.O. Box 193766 San Francisco, CA 94119 Phone: (415) 744-6600	III DELAWARE Department of Labor, Office of Occupational and Labor Market Information, P.O. Box 9029, Newark 19714-9029	IV NORTH CAROLINA Employment Security Commission, Labor Market Information Division, P.O. Box 25903, Raleigh 27611
	III DIST. OF COL. Department of Employment Services, Division of Labor Market Information and Analysis, Room 201, 500 C St., NW., Washington, DC 20001	VIII NORTH DAKOTA Job Service, P.O. Box 1537, Bismarck 58502
	IV FLORIDA Florida Department of Labor and Employment Security, Bureau of Labor Market Information, Suite 203, 2574 Seagate Dr., Tallahassee 32399-0674	V OHIO Bureau of Employment Services, Labor Market Information Division, 1160 Dublin Rd., Columbus 43215
	IV GEORGIA Department of Labor, Labor Information Systems, 148 International Blvd., NE., Atlanta 30303	VI OKLAHOMA Employment Security Commission, Research and Planning Division, 2401 North Lincoln, Oklahoma City 73105
	IX HAWAII Department of Labor and Industrial Relations, Research and Statistics Office, Room 304, 830 Punchbowl St., Honolulu 96813	X OREGON Employment Division, 875 Union St., NE., Salem 97311
	X IDAHO Department of Employment, 317 Main St., Boise 83735	III PENNSYLVANIA Department of Labor and Industry, Research and Statistics Division, Room 1216, 7th and Forster Sts., Harrisburg 17121
	V ILLINOIS Department of Employment Security, (2 South), 401 South State St., Chicago 60605	II PUERTO RICO Department of Labor and Human Resources, Bureau of Labor Statistics, 17th Fl., 505 Munoz Rivera Avenue, Hato Rey 00918 (CES), Bureau of Employment Security, Research and Analysis Section, 15th Fl., 505 Munoz Rivera Avenue, Hato Rey 00918 (LAUS)
	V INDIANA Department of Employment and Training Services, Statistical Services Division, 10 North Senate Avenue, Indianapolis 46204	I RHODE ISLAND Department of Employment Security, 24 Mason St., Providence 02903
	VII IOWA Department of Employment Services, 1000 East Grand Avenue, Des Moines 50319	IV SOUTH CAROLINA Employment Security Commission, Labor Market Information Division, P.O. Box 995, Columbia 29202
	VII KANSAS Department of Human Resources, 401 Topeka Avenue, Topeka 66603	VIII SOUTH DAKOTA Department of Labor, Labor Market Information Center, P.O. Box 4730, Aberdeen 57401
	IV KENTUCKY Department for Employment Services, Labor Market Research and Analysis Branch, 275 East Main St., Frankfort 40621	IV TENNESSEE Department of Employment Security, Research and Statistics Division, 519 Cordell Hull Office Bldg., Nashville 37219
	VI LOUISIANA Department of Labor, Research and Statistics Section, 1001 North 23rd St., Baton Rouge 70804-9094	VI TEXAS Employment Commission, Room 208-T, 1117 Trinity St., Austin 78778
	I MAINE Department of Labor, Division of Economic Analysis and Research, 20 Union St., Augusta 04330	VIII UTAH Department of Employment Security, Labor Market Information Services, P.O. Box 11249, Salt Lake City 84147
	III MARYLAND Department of Employment and Training, Research and Analysis Division, 1100 North Eutaw St., Baltimore 21201	I VERMONT Department of Employment and Training, Office of Policy and Public Information, P.O. Box 488, Montpelier
	I MASSACHUSETTS Department of Employment and Training, Government Center, Charles F. Hurley Bldg., Boston 02114	III VIRGINIA Employment Commission, Economic Information Services, P.O. Box 358, Richmond 23211
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	V MINNESOTA Department of Jobs and Training, Research and Statistics Division, 5th Fl., 390 North Robert St., St. Paul 55101	X WASHINGTON Employment Security Department, Labor Market and Economic Analysis Branch, 605 Woodview Dr., Olympia 98503
	IV MISSISSIPPI Employment Security Commission, Labor Market Information Division, P.O. Box 1699, Jackson 39215-1699	III WEST VIRGINIA Department of Employment Security, Division of Labor and Economic Security, 112 California Avenue, Charleston 25305
	VII MISSOURI Division of Employment Security, P.O. Box 59, Jefferson City 65104	V WISCONSIN Department of Industry, Labor, and Human Relations, Labor Market Information Bureau, 201 East Washington Avenue, Madison 53707
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