



EMPLOYMENT AND EARNINGS

January 1985

U.S. Department of Labor
Bureau of Labor Statistics

In this issue:
1984 annual averages
Revised seasonally adjusted labor force series
Data on union affiliation





U.S. DEPARTMENT OF LABOR
Raymond J. Donovan, Secretary

BUREAU OF LABOR STATISTICS
Janet L. Norwood, Commissioner

Employment and Earnings is prepared by the Division of Data Development and Users' Services and the Division of Monthly Industry Employment Statistics in collaboration with the Division of Special Publications. The data are collected by the Bureau of the Census (Department of Commerce) and State employment security agencies, in cooperation with the Bureau of Labor Statistics. A brief description of the cooperative statistical programs of the BLS with these agencies is presented in the Explanatory Notes. The State agencies are listed on the inside back cover.

Employment and Earnings may be ordered through the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Subscription price per year \$31 domestic and \$38.75 foreign. Single copy \$4.50 domestic and \$5.63 foreign. Annual supplement \$8 domestic and \$10 foreign. Prices are subject to change by the U.S. Government Printing Office. For ordering information call (202) 783-3238.

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The Secretary of Labor has determined that publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through July 1, 1985. Second-class postage paid at Washington, D.C. and at additional mailing addresses.

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ISSN 0013-6840

Calendar of Features

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

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Annual averages	Jan.
Union affiliation	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	Jan., Apr., July, Oct.

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Industry detail (final)	Mar.
Women employees (final)	Mar.
National data revised to reflect new benchmarks and new seasonal factors	June ¹
Revised historical national data	Supplement ²
State and area annual averages	May
Area definitions	May

State and area labor force data

Annual averages	May
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¹ Issue varies. Latest revised data introduced June 1984.

² Month of publication varies. The latest supplement was published in July 1984.

Employment and Earnings

Vol. 32 No. 1 January 1985

Editors: Gloria Peterson Green, Rosalie K. Epstein

Editors' note

It is the annual practice of the Bureau of Labor Statistics to recalculate the seasonal adjustment factors for unemployment and other labor force series derived from the Current Population Survey (household survey) to incorporate the experience in the most recent year. As a result of the recalculation of seasonal adjustment factors, seasonally adjusted data for the past 5 years are subject to revision. The data in tables A-1, 2, 3, and 31-52 have been revised to reflect the updated seasonal adjustment factors. Revised monthly and quarterly data covering the 1980-84 revision period for a broader range of labor force series will appear in next month's issue.

The seasonal adjustment methodology is described in the article beginning on page 9 in this issue. The article also gives the new seasonal adjustment factors to be used to calculate the civilian labor force and other major series for January-June 1985.

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Employment and Unemployment Developments, December 1984

Employment continued to rise in December and unemployment was little changed. The overall unemployment rate was 7.1 percent, little different from the 7.0 percent in November. The rate for civilian workers, at 7.2 percent, was about the same as November's 7.1 percent (as revised). Each measure has declined by a full percentage point from a year earlier.

Civilian employment—as measured by the monthly survey of households—rose by 340,000 to a level of 106.3 million. The number of nonagricultural payroll jobs—as measured by the monthly survey of establishments—was up by 310,000 to 95.8 million. Each employment series rose sharply in 1984 and has advanced by more than 7.1 million since the November 1982 recession trough.

Unemployment

The number of unemployed persons and the civilian worker unemployment rate were both about unchanged in December. A total of 8.2 million persons were unemployed, 1 million fewer than a year earlier. Most of the decline occurred early in the year, but there was also some improvement in the final quarter. (See table A-33.)

Jobless rates among most major worker groups—including adult men (6.3 percent), adult women (6.4 percent), whites (6.2 percent), blacks (15.0 percent), and Hispanics (10.2 percent)—were essentially unchanged over the month. The jobless rate for teenagers edged up to 18.8 percent in December, about the same as in October. (See tables A-33 and A-34.)

The average duration of unemployment was about unchanged in December but was down markedly over the past year. Virtually all of the 1 million decline in unemployment from December 1983 took place among those out of work for 15 weeks or longer. (See table A-40.)

The number of job losers was unchanged over the month but was down about 850,000 over the year. Job losers accounted for about 50 percent of the total unemployed in December, compared with 58 percent in December 1983. (See table A-41.)

Civilian employment and the labor force

Civilian employment rose by 340,000 to 106.3 million in December, after seasonal adjustment. Most of the

over-the-month gain occurred among adult women. Over the past year, civilian employment has risen by 3.2 million; this increase was shared equally by adult men and women. The proportion of the civilian population with jobs—the employment-population ratio—continued to edge upward and, at 59.9 percent in December, was up by 1.1 percentage points during 1984. (See table A-33.)

The civilian labor force expanded by nearly 400,000 in December to 114.5 million. Over the year, the labor force grew by about 2.2 million, and the proportion of the civilian working-age population in the labor force—the labor force participation rate—was 64.6 percent, one-half point above the year-earlier figure. As with the employed, all of the labor force growth for the year took place among adult workers. Teenagers continued to decline, reflecting reductions in their population.

Discouraged workers

At 1.3 million in the fourth quarter, the number of discouraged workers—persons who report that they want to work but are not looking for jobs because they believe they cannot find any—edged up slightly from the third quarter level. Their number had been trending downward over the past 2 years from the recession high of 1.8 million reached in the fourth quarter of 1982. All of the recent increase occurred among blacks, who continue to comprise a high proportion of the discouraged total. (See table A-53.)

Industry payroll employment

Total nonagricultural payroll employment, at 95.8 million, was up by 310,000 in December, seasonally adjusted. Employment growth was widespread, with two-thirds of the industries in the BLS diffusion index registering over-the-month increases. (See tables B-4 and B-7.)

Manufacturing employment rose by 85,000 to 19.8 million. The biggest gain took place in transportation equipment (30,000), mostly due to growth in motor vehicles and equipment. Of the 1.4 million increase in durable goods during the current recovery, 1 out of 5 has been in autos, though employment in the industry was still 150,000 below the 1979 record levels. Moderate December employment gains were also registered, after

seasonal adjustment, in the food processing, apparel, fabricated metals, and stone, clay, and glass products industries.

Construction employment fell less than seasonally expected in December, partly because of unusually good weather and, after seasonal adjustment, registered a gain of 55,000. Since the March 1983 low, construction jobs have risen by 655,000.

In the service-producing sector, the services industry continued its rapid job growth, expanding by 95,000. There were also employment gains in wholesale trade (30,000) and finance, insurance, and real estate (20,000). Retail trade employment rose in line with the usual December expansion and was about unchanged after seasonal adjustment. There was also little over-the-month change in government and transportation and public utilities.

Weekly Hours

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls edged up 0.1 hour in December to 35.3 hours. Weekly hours in manufacturing rose by 0.2 hour to a relatively high level of 40.7 hours. Factory overtime was unchanged at 3.4 hours. (See table C-5.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural

payrolls was up 0.4 percent in December to 114.5 (1977 = 100). The manufacturing index increased by 1.1 percent to 97.0 and was up by 3½ percent over the year. (See table C-6.)

Hourly and weekly earnings

Average hourly earnings rose 0.7 percent in December, and weekly earnings were up 1 percent, seasonally adjusted. Prior to seasonal adjustment, average hourly earnings increased 4 cents to \$8.47, and average weekly earnings were up \$4.80 to \$300.69. Over the past year, hourly earnings have risen 31 cents and weekly earnings \$11.01. (See tables C-1 and C-7.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 163.0 (1977 = 100) in December, seasonally adjusted, an increase of 0.6 percent from November. For the 12 months ended in December, the increase (before seasonal adjustment) was 3.4 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI decreased 0.4 percent during the 12-month period ended in November. (See table C-7.)

Changes in household data series

Effective with data for January 1985, improvements will be introduced into the estimation procedures used in the Current Population Survey, resulting from research conducted in conjunction with the redesign of the survey sample currently being introduced. Part of this process will include the introduction of population controls for Hispanics which will involve revision of historical data. An article describing the nature and impact of these changes will appear in the February issue of this publication.

The February issue will also introduce new monthly data from the CPS on the employment and school enrollment status of persons 16 to 24 years of age, new seasonally adjusted series on persons at work on involuntary part-time schedules, and modifications in the age coverage of data on the Vietnam-era veteran population.

Revision of Seasonally Adjusted Labor Force Series

*Robert J. McIntire

As pointed out in the explanatory note on seasonal adjustment published at the back of each issue of *Employment and Earnings*, the purpose of seasonal adjustment is to eliminate from economic time series the influence of seasonal events such as weather, holidays, opening and closing of schools, etc., 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 measured 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. However, even though seasonality involves regularly recurring patterns, it does tend to change over time, creating a need for periodic reestimation of factors and revision of recently adjusted estimates. By including more recent data in the estimation process, the revision process can provide better estimates of how much the original, unadjusted estimates actually deviated from underlying trend-cycle levels during the recent period, thereby improving the historical seasonally adjusted data for that period. In addition, the new information is incorporated to produce the new projected factors to be used for current seasonal adjustment.

Therefore, at the end of each calendar year, the Bureau of Labor Statistics reestimates the seasonality of the unemployment, employment, and other labor force series derived from the Current Population Survey by including another full year of data in the estimation process. Based 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. This year's revisions incorporate data through December 1984 and provide revised estimates for January 1980 through December 1984.

Revised data for many of the major seasonally adjusted labor force series were published in the news release on the December 1984 employment situation, issued January 9 (USDL 85-10). Data for recent months and quarters for many more of the revised series appear in this issue of *Employment and Earnings*. In addition,

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this article provides the projected seasonal factors for the first 6 months of 1985 for the 12 component series used in the computation of the seasonally adjusted civilian labor force and unemployment rate (see table 3). Projected factors for the last 6 months of 1985 will be estimated in early July, based on data through June 1985, and will be published in the July issue of this publication. Next month's issue will contain the 1980-84 revisions for a few hundred of the seasonally adjusted labor force series most in demand. These revisions replace the data published in the February 1984 issue for 1980-83 and the seasonally adjusted estimates for 1984 published during the past year. (Seasonally adjusted data for 1979 and earlier years were not revised.)

Effect of revisions

One of the criteria used to evaluate alternative methods of seasonal adjustment is how close initial estimates are to later 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 1984 seasonally adjusted data are not final, the first revisions are usually the most substantial of the five that will be made and generally indicate the direction any subsequent revisions will take. Therefore, it is appropriate to compare the initial estimates with these first revisions. Based on such a comparison for the overall and civilian worker unemployment rates, the Bureau's official method for seasonal adjustment of the labor force series performed quite well in 1984. Table 1 shows these rates as first computed and as revised, as well as the change due to revision. The civilian rate to one decimal place was unchanged by the revisions in 8 of the 11 months subject to revision. (December is excluded since estimates based on projected factors were not published). The overall rate was unchanged in 7 of the 11 months. The absolute effect on the revisions never exceeded 0.1 for either of the rates.

Adjustment methods and procedures

Through most of the 1970's, the Census Bureau's X-11 method¹ was used for seasonal adjustment of

¹ The X-11 method is described in *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, by Julius Shiskin, Alan Young, and John Musgrave (Technical Paper No. 15, Bureau of the Census, 1967).

Table 1. Seasonally adjusted unemployment rates in 1984 and change due to revision

Month	As first computed		As revised		Change due to revision	
	Overall	Civilian	Overall	Civilian	Overall	Civilian
January	7.9	8.0	7.9	8.0	0	0
February	7.7	7.8	7.7	7.8	0	0
March	7.7	7.8	7.7	7.8	0	0
April	7.7	7.8	7.7	7.8	0	0
May	7.4	7.5	7.4	7.5	0	0
June	7.0	7.1	7.1	7.2	0.1	0.1
July	7.4	7.5	7.3	7.5	-1	0
August	7.4	7.5	7.4	7.5	0	0
September	7.3	7.4	7.2	7.4	-1	0
October	7.3	7.4	7.2	7.3	-1	-1
November	7.0	7.2	7.0	7.1	0	-1
December	7.1	7.2	7.1	7.2	0	0

labor force series. At the end of 1979, the X-11 ARIMA procedure,² developed by Statistics Canada as an extension of the X-11 method, was adopted as the official seasonal adjustment procedure. The switch was made after extensive tests had shown that initial seasonally adjusted estimates were, on average, better (closer to later revisions) with the X-11 ARIMA than with the X-11 alone. Its use for seasonal adjustment of labor force data at BLS was also consistent with the recommendations of the National Commission on Employment and Unemployment Statistics.³

The X-11 ARIMA method improves current estimates by allowing recent observations, especially 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 projections are based only on the past experience observed in a series itself. ARIMA models have proved to have good properties for short-term projection or extrapolation of a large class of time series, especially in a seasonal adjustment context, since the extrapolations tend to track intra-year movements quite well. The ARIMA models in the X-11 ARIMA program used to seasonally adjust the labor force series are of the Box-Jenkins type.⁴ They can generally be described with the notation:

² ARIMA is an acronym for Auto-Regressive Integrated Moving Average. The primary documentation for the X-11 ARIMA procedure is in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum (Statistics Canada Catalogue No. 12-564 E, January 1983).

³ National Commission on Employment and Unemployment Statistics, *Counting the Labor Force* (U.S. Government Printing Office, Labor Day 1979).

⁴ For a more detailed discussion of ARIMA models, refer to previously cited Dagum (1983) and to: Box, G.E.P. and Jenkins, G.M., *Time Series Analysis Forecasting and Control* (San Francisco, Holden Day, 1976); and Granger, C.W.J. and Newbold, P., *Forecasting Economic Time Series* (New York, Academic Press, 1977).

(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 155 of the 195 labor force series which were directly adjusted at the end of 1984, including all 12 major civilian labor force components, whose ARIMA models are shown in table 2. The 40 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.

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. In keeping with the minor

Table 2. ARIMA models for the 12 major civilian labor force components, 1985

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

change initiated during the last year's revision, a 10-year time period, including data from January 1975 through December 1984, 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 four teenage unemployment and nonagricultural employment series were adjusted using the additive model, and the other eight series with the multiplicative model. Of all the 195 directly adjusted series, 37 were adjusted with the additive model, primarily those involving teenage employment and unemployment, for which the seasonal component seems to be fairly independent of the trend-cycle.

Aggregation procedures

BLS maintains and publishes several hundred seasonally adjusted labor force series in addition to the 195 directly adjusted series discussed above. The additional series are produced by arithmetically combining or aggregating the directly adjusted series with each other or, in some cases, with series on population or resident Armed Forces levels, which are not seasonally adjusted because they are not considered to have any significant seasonal variation. For example, the seasonally adjusted levels of total unemployment, civilian employment, and civilian labor force, and the seasonally adjusted civilian unemployment rate are all produced by aggregation 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, respectively, 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. For the overall labor force, the resident Armed Forces level is added to the seasonally adjusted civilian labor force, and the seasonally adjusted overall unemployment rate

is, of course, calculated by taking total seasonally adjusted unemployment as a percent of that labor force figure.

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 consistent (additively) 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. The various 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. It is necessary to directly adjust the components in order to properly estimate these varying seasonal patterns. Of course, one of the implications of producing seasonally adjusted estimates for many major series by aggregation is that exact factors cannot be projected for those series. However, implicit seasonal factors can be calculated after the fact by taking the ratio of the unadjusted aggregate to the seasonally adjusted aggregate, or, for additive implicit factors, the difference between those two aggregates.

Alternative seasonal adjustment procedures

BLS regularly computes several unofficial seasonally adjusted unemployment rate series based on alternative approaches. The results are presented in a monthly table released with the testimony of Commissioner Norwood before the Joint Economic Committee. The table provides a basis for identifying the range of seasonally adjusted unemployment rates that can result from varying the procedures, although the range is somewhat constrained by the fact that all of the computed alternatives reflect the use of X-11 ARIMA or X-11.

The alternative which has received substantial attention in recent literature⁵ is "concurrent adjustment," where the factors for any current month are based on data through that month.⁶ Concurrent adjustment has been shown to result in smaller average revisions for many series. For the civilian unemployment rate in 1984, concurrently adjusted rates to one decimal place

⁵ For example, see McKenzie, S., "Concurrent Seasonal Adjustment with Census X-11," *Journal of Business and Economic Statistics*, 2-1984, pp. 235-49; Dagum, E.B., "The Effects of Asymmetric Filters on Seasonal Factor Revisions," *Journal of the American Statistical Association*, December 1982, pp. 732-38; and Kenny, P.B. and Durbin, J., "Local Trend Estimation and Seasonal Adjustment of Economic and Social Time Series," *Journal of the Royal Statistical Society, Series A*, Vol. 145, Part 1, 1982, pp. 1-41.

⁶ Concurrent adjustment introduces a number of options for revision strategies, ranging from the monthly revision of all or selected recent observations to annual revision only as is done for the official method. In computing its concurrently adjusted unemployment rate during any current year, the BLS retains prior months' values as first computed and revises them only at the end of the year.

would have been revised in only 1 month (November, from 7.2 to 7.1), with an average revision over the 11 months subject to revision of .009, 67 percent lower than the official method's already low comparable average revision of .027.

While it is relevant to look at revisions for the unemployment rate to one decimal place (since it is published that way), it can be somewhat misleading about the magnitude of the underlying revisions, due to the effects of rounding. For example, if an unrounded rate of 7.449 (which rounds to 7.4) were to be revised to 7.451 (which rounds to 7.5), the revision for the rate as published would be .1 even though the revision for the unrounded rate was only .002 and the underlying revisions to levels would most likely have been very small. This effect can also work the other way—an unrounded rate of 7.451 could be revised to 7.549, resulting in no revision to the rate as published but clearly indicating more substantial revisions in the underlying levels. These effects of rounding will not necessarily balance out over an 11-month period, and so it can be more informative, particularly with respect to the underlying levels, to look at revisions based on the rate calculated to more decimal places. For the civilian rate calculated to three decimal places, the average revision for the official method was .043, while the comparable figure for the concurrent method was .020, about 53 percent lower. If we look at the month-to-month changes between the rates calculated to three decimal places, the average revision to those changes as produced by the of-

ficial method was .046 while the comparable figure for the concurrent method was .032, about 30 percent lower.

The concurrent method resulted in fewer and smaller revisions to the unemployment rate in 1984. It should be kept in mind, however, that revisions of .1 or less to rates in the 7-8 percent range are less than the standard errors for the unadjusted versions of those rates. Concurrent adjustment also precludes prior publication of seasonal factors, which BLS has historically considered important to public confidence in the data. Given the performance of concurrent adjustment, it certainly deserves further attention, but it is not yet clear that its advantages outweigh the disadvantages.

Availability of revised series

As indicated above, much of the revised seasonally adjusted data is being published in this and next month's issues of *Employment and Earnings*. Additional data for any of the several hundred seasonally adjusted labor force series, as well as the January-June 1985 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 the seasonal adjustment methodology or the availability of machine-readable files of labor force data should be addressed to the Division of Data Development and Users' Services, Office of Employment and Unemployment Statistics, Bureau of Labor Statistics, Washington, D.C. 20212.

Table 3. Current seasonal adjustment factors for the 12 major civilian labor force components, January-June 1985

Procedure and series	January	February	March	April	May	June
Multiplicative Adjustment (Divide factor into original value)						
Agricultural employment:						
Men, 20 years and over	.899	.899	.905	.963	1.035	1.088
Women, 20 years and over	.804	.817	.845	.930	1.082	1.232
Men, 16 to 19 years	.595	.576	.658	.855	1.112	1.517
Women, 16 to 19 years	.510	.541	.625	.725	.961	1.607
Nonagricultural employment:						
Men, 20 years and over	.985	.985	.991	.995	1.000	1.010
Women, 20 years and over	.996	.999	1.003	1.003	1.001	.990
Unemployment:						
Men, 20 years and over	1.156	1.144	1.102	1.025	.960	.953
Women, 20 years and over	1.045	1.013	.982	.939	.956	1.000
Additive Adjustment (Subtract factor from original value)						
Nonagricultural employment:						
Men, 16 to 19 years	-345	-353	-285	-223	-97	534
Women, 16 to 19 years	-232	-284	-256	-208	-190	314
Unemployment:						
Men, 16 to 19 years	3	-2	-8	-97	-99	243
Women, 16 to 19 years	-91	-79	-85	-79	-16	281

New Data on Union Members and Their Earnings

*Paul O. Flaim

This issue of *Employment and Earnings* introduces a new series of annual data on the extent of unionization among American workers and on the basic differences in earnings between workers who are unionized and those who are not. This new series begins with annual averages for 1983 and 1984, which are presented in tables 52 through 55 (pages 208-211).

The data in tables 52 and 53 show the number and characteristics of persons in wage and salary jobs who belonged to unions as well as separate data on workers who, although not belonging to unions, were in jobs covered by union contracts. Tables 54 and 55 contain data on the reported usual weekly earnings of full-time wage and salary workers in these two universes as well as on the earnings of workers who neither belong to unions nor are covered by union contracts.

This new information is obtained through the Current Population Survey, the monthly survey of about 60,000 households which provides the basic information on the Nation's labor force. Beginning in January 1983, two special questions focusing on union membership and union coverage were added to the questionnaire used in this survey. The two questions are being asked monthly in one-fourth of the survey's households. Specifically, they are asked of respondents in the so-called "outgoing rotation groups," that is, in households which are either in their fourth or eighth month in the sample. (Households falling in the CPS sample are visited by interviewers for 4 consecutive months; they are then dropped from the sample for 8 months; and they then return to the sample for a second and final 4-month stint.)

The survey questions relating to unions are the last in a sequence focusing on the nature of the job held by employed persons, that is, the occupation and industry, the hours worked, and the hourly and weekly earnings (earnings are asked only of the outgoing rotation groups). After providing this information concerning a specific household member, the survey respondent is asked whether "on this job" the worker in question "is a member of a labor union or of an employee association similar to a union." If the answer to this question is

"no," a further question is asked to determine whether "on this job" the worker is "covered by a union or employee association contract."

As indicated in table 52, about 17.3 million wage and salary workers—out of a total of 92.2 million—were reported in 1984 as belonging to unions. The total reporting either membership or coverage was 19.9 million. Taken as a percent of total wage and salary employment, these numbers yield a unionization rate for 1984 equal to 18.8 percent in terms of actual membership and 21.6 percent in terms of coverage, with both of these proportions showing a decline relative to the averages for 1983. The data in table 53 show large variations among the various occupations and industries in the proportions of workers who are members of unions or are covered by union contracts. In terms of earnings, the data in table 54 show that, among all full-time wage and salary workers, those who belonged to unions in 1984 earned 33 percent more a week than those who were not unionized. However, as is shown both by the data in table 54 and those in table 55, for some specific groups the earnings differences between organized and nonorganized workers are much smaller—and even nonexistent.

Data of similar nature had previously been collected through special questions asked only once a year, each May, but of the entire CPS sample. However, the special May survey, into which a question concerning union membership was first introduced in 1973, had to be suspended after 1980 because of budget constraints. The new data are very comparable with those previously collected each May. There are, however, some differences which should be pointed out. For example, as is also the case for the questions on usual weekly earnings, the new questions on union membership are not asked of those workers who are reported as self-employed but who, in the basic labor force data, are classified as wage and salary workers because they have incorporated their business. Of course, another difference is that the new series, as published here, reflect the "average" situation during the entire course of the year, both for 1983 and 1984, whereas the old series available through 1980 were only reflective of the situation as of May of the year in question, and may thus have been affected by seasonal

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variation. Also, prior to 1977, the question on union membership did not include any mention of employee associations.

Both the data previously collected in May and the new series are subject to sampling errors. However, the annual average data, being an accumulation of data obtained monthly from one-fourth of the CPS sample, or the equivalent of three full monthly samples over the course of the year, are subject to smaller sampling errors than those associated with the May data. Finally, the data may also be subject to nonsampling errors, such as a possible systematic bias in reporting union

membership and weekly earnings.¹

An analysis of the new data on union membership, including a comparison with those collected in 1980 through the May CPS, will appear in the February 1985 issue of the *Monthly Labor Review*.

¹ For a discussion of the reliability of the earnings data collected through the Current Population Survey, see Larry Carstensen and Henry Woltman, "Comparing Earnings Data from the CPS and Employer Records," The American Statistical Association, *Proceedings of the Social Statistics Section*, 1979. See also Earl F. Mellor, *Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey*, BLS Bulletin 2113, January 1982.

A-1. Employment status of the noninstitutional population 16 years and over, 1951 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												
1951	106,764	64,160	60.1	62,104	2,143	59,961	6,726	53,235	2,055	3.2	42,604	
1952	107,617	64,524	60.0	62,636	2,386	60,250	6,500	53,749	1,883	2.9	43,093	
1953 ¹	109,287	65,246	59.7	63,410	2,231	61,179	6,260	54,919	1,834	2.8	44,041	
1954	110,463	65,785	59.6	62,251	2,142	60,109	6,205	53,904	3,532	5.4	44,678	
1955	111,747	67,087	60.0	64,234	2,064	62,170	6,450	55,722	2,852	4.3	44,660	
1956	112,919	68,517	60.7	65,764	1,965	63,799	6,283	57,514	2,750	4.0	44,402	
1957	114,213	68,877	60.3	66,019	1,948	64,071	5,947	58,123	2,859	4.2	45,336	
1958	115,574	69,486	60.1	64,883	1,847	63,036 ¹	5,586	57,450	4,602	6.6	46,088	
1959	117,117	70,157	59.9	66,418	1,788	64,630	5,565	59,065	3,740	5.3	46,960	
1960 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 ¹	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	82,433	7,929	8.3	59,377	
1976	157,818	97,826	62.0	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991	
1977	160,689	100,665	62.6	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025	
1978 ¹	163,541	103,882	63.5	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659	
1979	166,460	106,559	64.0	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900	
1980	169,349	108,544	64.1	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806	
1981	171,775	110,315	64.2	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460	
1982	173,939	111,872	64.3	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067	
1983	175,891	113,226	64.4	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665	
1984	178,080	115,241	64.7	106,702	1,697	105,005	3,321	101,685	8,539	7.4	62,839	
Monthly data, seasonally adjusted²												
1983:												
December	176,809	113,925	64.4	104,717	1,688	103,029	3,329	99,700	9,208	8.1	62,884	
1984:												
January	177,219	114,006	64.3	104,980	1,686	103,294	3,294	100,000	9,026	7.9	63,213	
February	177,363	114,408	64.5	105,572	1,684	103,888	3,364	100,524	8,836	7.7	62,955	
March	177,510	114,592	64.6	105,809	1,686	104,123	3,305	100,818	8,783	7.7	62,918	
April	177,662	114,895	64.7	106,095	1,693	104,402	3,379	101,023	8,800	7.7	62,767	
May	177,813	115,412	64.9	106,852	1,690	105,162	3,367	101,795	8,560	7.4	62,401	
June	177,974	115,309	64.8	107,081	1,690	105,391	3,368	102,023	8,228	7.1	62,665	
July	178,138	115,566	64.9	107,075	1,698	105,377	3,333	102,044	8,491	7.3	62,572	
August	178,295	115,341	64.7	106,860	1,712	105,148	3,264	101,884	8,481	7.4	62,954	
September	178,483	115,484	64.7	107,114	1,720	105,394	3,319	102,075	8,370	7.2	62,999	
October	178,661	115,721	64.8	107,354	1,705	105,649	3,169	102,480	8,367	7.2	62,940	
November	178,834	115,773	64.7	107,631	1,699	105,932	3,334	102,598	8,142	7.0	63,061	
December	179,004	116,162	64.9	107,971	1,698	106,273	3,385	102,888	8,191	7.1	62,842	

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 31-53 have been revised based on the experience through December 1984. Data for 1980-84 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, 1974 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												
1974	72,466	57,397	79.2	54,682	1,658	53,024	2,919	50,105	2,714	4.7	15,069	
1975	73,891	57,899	78.4	53,457	1,600	51,857	2,824	49,032	4,442	7.7	15,993	
1976	75,341	58,756	78.0	54,720	1,582	53,138	2,744	50,394	4,036	6.9	16,585	
1977	76,756	59,959	78.1	56,291	1,563	54,728	2,671	52,057	3,667	6.1	16,797	
1978 ¹	78,107	61,151	78.3	58,010	1,531	56,479	2,718	53,761	3,142	5.1	16,956	
1979	79,509	62,215	78.2	59,096	1,489	57,607	2,686	54,921	3,120	5.0	17,293	
1980	80,877	62,932	77.8	58,665	1,479	57,186	2,709	54,477	4,267	6.8	17,945	
1981	82,023	63,486	77.4	58,909	1,512	57,397	2,700	54,697	4,577	7.2	18,537	
1982	83,052	63,979	77.0	57,800	1,529	56,271	2,736	53,534	6,179	9.7	19,073	
1983	84,064	64,580	76.8	58,320	1,533	56,787	2,704	54,083	6,260	9.7	19,484	
1984	85,156	65,386	76.8	60,642	1,551	59,091	2,668	56,423	4,744	7.3	19,771	
Monthly data, seasonally adjusted²												
1983:												
December	84,506	64,846	76.7	59,608	1,537	58,071	2,626	55,445	5,238	8.1	19,660	
1984:												
January	84,745	64,966	76.7	59,843	1,542	58,301	2,619	55,682	5,123	7.9	19,779	
February	84,811	65,081	76.7	60,113	1,540	58,573	2,679	55,894	4,968	7.6	19,730	
March	84,880	65,151	76.8	60,262	1,542	58,720	2,652	56,068	4,889	7.5	19,729	
April	84,953	65,200	76.7	60,289	1,548	58,741	2,710	56,031	4,911	7.5	19,753	
May	85,024	65,304	76.8	60,578	1,545	59,033	2,706	56,327	4,726	7.2	19,720	
June	85,101	65,348	76.8	60,758	1,545	59,213	2,691	56,522	4,590	7.0	19,753	
July	85,179	65,412	76.8	60,687	1,551	59,136	2,690	56,446	4,725	7.2	19,767	
August	85,257	65,357	76.7	60,766	1,563	59,203	2,636	56,567	4,591	7.0	19,900	
September	85,352	65,589	76.8	60,959	1,571	59,388	2,669	56,719	4,630	7.1	19,763	
October	85,439	65,558	76.7	61,018	1,557	59,461	2,551	56,910	4,540	6.9	19,881	
November	85,523	65,657	76.8	61,155	1,552	59,603	2,701	56,902	4,502	6.9	19,866	
December	85,607	65,814	76.9	61,252	1,550	59,702	2,747	56,955	4,562	6.9	19,793	
Annual averages												
WOMEN												
1974	79,375	36,274	45.7	33,832	63	33,769	596	33,173	2,441	6.7	43,101	
1975	80,938	37,553	46.4	34,067	78	33,989	584	33,404	3,486	9.3	43,386	
1976	82,476	39,069	47.4	35,701	86	35,615	588	35,027	3,369	8.6	43,406	
1977	83,932	40,705	48.5	37,381	92	37,289	612	36,677	3,324	8.2	43,227	
1978 ¹	85,434	42,731	50.0	39,669	100	39,569	669	38,900	3,061	7.2	42,703	
1979	86,951	44,343	51.0	41,325	108	41,217	661	40,556	3,018	6.8	42,608	
1980	88,472	45,611	51.6	42,241	124	42,117	656	41,461	3,370	7.4	42,861	
1981	89,751	46,829	52.2	43,133	133	43,000	667	42,333	3,696	7.9	42,922	
1982	90,887	47,894	52.7	43,395	139	43,256	665	42,591	4,499	9.4	42,993	
1983	91,827	48,646	53.0	44,190	143	44,047	690	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	
Monthly data, seasonally adjusted²												
1983:												
December	92,302	49,079	53.2	45,109	151	44,958	703	44,255	3,970	8.1	43,223	
1984:												
January	92,474	49,040	53.0	45,137	144	44,993	675	44,318	3,903	8.0	43,434	
February	92,552	49,327	53.3	45,459	144	45,315	685	44,630	3,868	7.8	43,225	
March	92,630	49,441	53.4	45,547	144	45,403	653	44,750	3,894	7.9	43,189	
April	92,709	49,695	53.6	45,806	145	45,661	669	44,992	3,889	7.8	43,014	
May	92,789	50,108	54.0	46,274	145	46,129	661	45,468	3,834	7.7	42,681	
June	92,873	49,961	53.8	46,323	145	46,178	677	45,501	3,638	7.3	42,912	
July	92,858	50,154	54.0	46,388	147	46,241	643	45,598	3,766	7.5	42,804	
August	93,039	49,984	53.7	46,094	149	45,945	628	45,317	3,890	7.8	43,055	
September	93,132	49,895	53.6	46,155	149	46,006	650	45,356	3,740	7.5	43,237	
October	93,222	50,163	53.8	46,336	148	46,188	618	45,570	3,827	7.6	43,059	
November	93,311	50,116	53.7	46,476	147	46,329	633	45,696	3,640	7.3	43,195	
December	93,397	50,348	53.9	46,719	148	46,571	638	45,933	3,629	7.2	43,049	

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 1984. See the article in this issue for additional information.

A-3. Employment status of the civilian noninstitutional population 16 years and over, 1951 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								
1951	104,621	62,017	59.2	59,961	2,055	3.3	2.8	4.4
1952	105,231	62,138	59.0	60,250	1,883	3.0	2.8	3.6
1953 ¹	107,056	63,015	58.9	61,179	1,834	2.9	2.8	3.3
1954	108,321	63,643	58.8	60,109	3,532	5.5	5.3	6.0
1955	109,683	65,023	59.3	62,170	2,852	4.4	4.2	4.9
1956	110,954	66,552	60.0	63,799	2,750	4.1	3.8	4.8
1957	112,265	66,929	59.6	64,071	2,859	4.3	4.1	4.7
1958	113,727	67,639	59.5	63,036	4,602	6.8	6.8	6.8
1959	115,329	68,369	59.3	64,630	3,740	5.5	5.2	5.9
1962 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
	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
Monthly data, seasonally adjusted²								
1983:								
December	175,121	112,237	64.1	103,029	9,208	8.2	8.3	8.1
1984:								
January	175,533	112,320	64.0	103,294	9,026	8.0	8.1	8.0
February	175,679	112,724	64.2	103,888	8,836	7.8	7.8	7.9
March	175,824	112,906	64.2	104,123	8,783	7.8	7.7	7.9
April	175,969	113,202	64.3	104,402	8,800	7.8	7.7	7.8
May	176,123	113,722	64.6	105,162	8,560	7.5	7.4	7.7
June	176,284	113,619	64.5	105,391	8,228	7.2	7.2	7.3
July	176,440	113,868	64.5	105,377	8,491	7.5	7.4	7.5
August	176,583	113,629	64.3	105,148	8,481	7.5	7.2	7.8
September	176,763	113,764	64.4	105,394	8,370	7.4	7.2	7.5
October	176,956	114,016	64.4	105,649	8,367	7.3	7.1	7.7
November	177,135	114,074	64.4	105,932	8,142	7.1	7.0	7.3
December	177,306	114,464	64.6	106,273	8,191	7.2	7.1	7.2

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

² The population figures are not adjusted for seasonal variation.

NOTE: Seasonally adjusted data have been revised based on the experience through December 1984. 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 1984										
	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	177,306	114,028	64.3	106,049	7,978	7.0	63,278	31,388	9,364	2,786	19,740
16 to 19 years	14,557	7,474	51.3	6,116	1,358	18.2	7,083	493	6,089	30	471
16 to 17 years	7,173	2,878	40.1	2,297	581	20.2	4,294	127	3,999	11	158
18 to 19 years	7,385	4,596	62.2	3,820	776	16.9	2,789	366	2,090	19	314
20 to 24 years	20,557	15,832	77.0	14,192	1,640	10.4	4,724	1,842	2,198	60	626
25 to 54 years	93,432	75,799	81.1	71,433	4,367	5.8	17,632	13,108	1,022	931	2,572
25 to 34 years	40,338	33,098	82.1	30,870	2,228	6.7	7,240	5,311	758	245	926
25 to 29 years	21,036	17,250	82.0	15,951	1,299	7.5	3,786	2,640	519	122	505
30 to 34 years	19,302	15,848	82.1	14,919	929	5.9	3,454	2,671	239	123	421
35 to 44 years	30,828	25,606	83.1	24,334	1,272	5.0	5,222	4,044	203	256	718
35 to 39 years	17,117	14,231	83.1	13,482	749	5.3	2,887	2,275	125	139	339
40 to 44 years	13,710	11,375	83.0	10,852	523	4.6	2,335	1,759	78	118	380
45 to 54 years	22,266	17,095	76.8	16,228	866	5.1	5,171	3,753	61	430	927
45 to 49 years	11,423	9,120	79.8	8,617	502	5.5	2,304	1,746	33	160	365
50 to 54 years	10,843	7,975	73.5	7,611	364	4.6	2,868	2,008	28	270	562
55 to 64 years	22,048	12,053	54.7	11,512	541	4.5	9,995	5,659	38	691	3,607
55 to 59 years	11,237	7,277	64.8	6,936	340	4.7	3,961	2,572	32	341	1,014
60 to 64 years	10,811	4,776	44.2	4,575	201	4.2	6,034	3,086	6	350	2,592
65 years and over	26,712	2,869	10.7	2,797	72	2.5	23,843	10,287	17	1,074	12,465
65 to 69 years	9,026	1,657	18.4	1,609	48	2.9	7,368	3,298	8	217	3,846
70 years and over	17,687	1,212	6.9	1,187	25	2.1	16,475	6,990	9	857	8,619
Men											
16 years and over	84,057	63,803	75.9	59,179	4,623	7.2	20,254	479	4,809	1,653	13,314
16 to 19 years	7,303	3,882	53.2	3,090	793	20.4	3,421	12	3,126	20	264
16 to 17 years	3,644	1,454	39.9	1,148	306	21.0	2,190	5	2,075	9	102
18 to 19 years	3,659	2,428	66.4	1,941	487	20.1	1,231	7	1,051	11	162
20 to 24 years	10,052	8,400	83.6	7,439	961	11.4	1,652	31	1,233	39	350
25 to 54 years	45,522	42,756	93.9	40,279	2,477	5.8	2,765	155	439	672	1,499
25 to 34 years	19,772	18,667	94.4	17,342	1,325	7.1	1,106	62	351	161	531
25 to 29 years	10,322	9,658	93.6	8,917	741	7.7	664	39	254	89	282
30 to 34 years	9,450	9,008	95.3	8,425	584	6.5	442	23	97	73	249
35 to 44 years	15,004	14,274	95.1	13,628	646	4.5	730	48	66	201	414
35 to 39 years	8,337	7,944	95.3	7,583	361	4.5	393	32	47	111	203
40 to 44 years	6,666	6,330	95.0	6,045	285	4.5	337	16	19	90	212
45 to 54 years	10,746	9,816	91.3	9,310	506	5.2	930	45	22	310	553
45 to 49 years	5,539	5,184	93.6	4,885	299	5.8	355	19	10	123	203
50 to 54 years	5,207	4,632	88.9	4,425	207	4.5	576	26	12	187	351
55 to 64 years	10,283	7,103	69.1	6,755	348	4.9	3,180	71	9	448	2,651
55 to 59 years	5,298	4,273	80.6	4,067	206	4.8	1,026	37	9	234	745
60 to 64 years	4,984	2,831	56.8	2,688	142	5.0	2,154	34	-	213	1,906
65 years and over	10,897	1,660	15.2	1,616	44	2.6	9,236	210	2	474	8,550
65 to 69 years	4,023	954	23.7	933	21	2.2	3,068	58	-	134	2,876
70 years and over	6,874	706	10.3	683	23	3.2	6,168	152	2	340	5,674
Women											
16 years and over	93,249	50,225	53.9	46,870	3,355	6.7	43,024	30,909	4,555	1,134	6,427
16 to 19 years	7,254	3,592	49.5	3,027	565	15.7	3,662	481	2,963	10	208
16 to 17 years	3,528	1,424	40.4	1,148	276	19.4	2,104	122	1,924	2	56
18 to 19 years	3,726	2,168	58.2	1,878	289	13.3	1,558	359	1,039	8	152
20 to 24 years	10,504	7,432	70.7	6,753	679	9.1	3,073	1,811	965	21	276
25 to 54 years	47,910	33,043	69.0	31,153	1,890	5.7	14,867	12,953	583	259	1,073
25 to 34 years	20,566	14,432	70.2	13,528	903	6.3	6,134	5,249	407	83	395
25 to 29 years	10,714	7,592	70.9	7,034	558	7.4	3,122	2,601	265	33	223
30 to 34 years	9,852	6,840	69.4	6,494	345	5.0	3,012	2,648	142	50	172
35 to 44 years	15,824	11,332	71.6	10,706	626	5.5	4,492	3,995	137	56	304
35 to 39 years	8,780	6,287	71.6	5,899	388	6.2	2,494	2,252	78	28	136
40 to 44 years	7,044	5,045	71.6	4,807	238	4.7	1,998	1,743	59	28	168
45 to 54 years	11,520	7,279	63.2	6,918	360	5.0	4,241	3,708	39	120	374
45 to 49 years	5,884	3,936	66.9	3,732	203	5.2	1,949	1,727	23	37	162
50 to 54 years	5,636	3,343	59.3	3,186	157	4.7	2,292	1,982	16	83	211
55 to 64 years	11,765	4,950	42.1	4,757	193	3.9	6,815	5,587	29	244	955
55 to 59 years	5,939	3,004	50.6	2,870	134	4.5	2,935	2,535	23	107	269
60 to 64 years	5,826	1,946	33.4	1,887	59	3.0	3,881	3,052	6	137	686
65 years and over	15,816	1,209	7.6	1,180	28	2.3	14,607	10,078	15	600	3,915
65 to 69 years	5,003	703	14.1	676	27	3.8	4,300	3,240	8	83	970
70 years and over	10,813	506	4.7	504	2	.3	10,307	6,838	7	517	2,945

**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 1984										
	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	152,734	98,598	64.6	92,650	5,948	6.0	54,136	27,516	7,355	2,174	17,090
16 to 19 years	11,994	6,527	54.4	5,532	995	15.2	5,468	373	4,764	21	310
16 to 17 years	5,901	2,592	43.9	2,133	458	17.7	3,310	109	3,087	11	102
18 to 19 years	6,093	3,935	64.6	3,398	536	13.6	2,158	263	1,677	10	208
20 to 24 years	17,106	13,449	78.6	12,306	1,143	8.5	3,657	1,441	1,787	39	391
25 to 54 years	79,922	65,286	81.7	61,984	3,301	5.1	14,637	11,223	761	700	1,953
25 to 34 years	34,042	28,174	82.8	26,548	1,626	5.8	5,868	4,498	549	176	645
25 to 29 years	17,685	14,682	83.0	13,735	947	6.5	3,003	2,188	377	96	342
30 to 34 years	16,357	13,493	82.5	12,813	679	5.0	2,865	2,310	173	79	302
35 to 44 years	26,552	22,155	83.4	21,188	967	4.4	4,397	3,488	165	191	553
35 to 39 years	14,701	12,274	83.5	11,706	567	7.1	2,427	1,984	103	96	256
40 to 44 years	11,851	9,882	83.4	9,482	399	4.0	1,969	1,524	63	95	297
45 to 54 years	19,328	14,956	77.4	14,249	708	4.7	4,372	3,238	46	332	756
45 to 49 years	9,889	7,938	80.3	7,522	417	5.3	1,950	1,518	27	115	299
50 to 54 years	9,439	7,019	74.4	6,727	291	5.9	2,421	1,745	19	217	457
55 to 64 years	19,590	10,750	54.9	10,295	455	4.2	8,841	5,081	27	544	3,188
55 to 59 years	9,930	6,483	65.3	6,203	281	4.3	3,447	2,289	23	267	868
60 to 64 years	9,660	4,266	44.2	4,092	174	4.1	5,394	2,792	4	278	2,321
65 years and over	24,121	2,588	10.7	2,533	55	2.1	21,532	9,396	17	871	11,247
65 to 69 years	8,125	1,492	18.4	1,452	41	2.7	6,632	2,987	8	167	3,472
70 years and over	15,996	1,095	6.8	1,082	15	1.4	14,900	6,410	9	704	7,775
Men											
16 years and over	72,910	55,867	76.6	52,349	3,518	6.3	17,043	338	3,797	1,312	11,596
16 to 19 years	6,044	3,388	56.1	2,799	589	17.4	2,656	5	2,461	15	174
16 to 17 years	3,008	1,309	43.5	1,063	246	18.8	1,699	-	1,622	9	68
18 to 19 years	3,036	2,079	68.5	1,735	343	16.5	957	5	839	6	107
20 to 24 years	8,437	7,170	85.0	6,472	699	9.7	1,267	22	1,007	26	212
25 to 54 years	39,394	37,366	94.9	35,456	1,909	5.1	2,028	83	324	511	1,110
25 to 34 years	16,904	16,131	95.4	15,131	1,000	6.2	773	31	262	119	361
25 to 29 years	8,775	8,309	94.7	7,749	560	6.7	466	16	191	72	187
30 to 34 years	8,129	7,823	96.2	7,382	441	5.6	307	15	71	46	174
35 to 44 years	13,054	12,523	95.9	12,022	501	4.0	531	22	49	150	310
35 to 39 years	7,221	6,947	96.2	6,661	285	4.1	274	15	33	78	148
40 to 44 years	5,833	5,577	95.6	5,361	215	3.9	256	7	17	71	162
45 to 54 years	9,436	8,711	92.3	8,303	408	4.7	725	30	13	243	439
45 to 49 years	4,843	4,579	94.6	4,334	246	5.4	263	13	6	88	157
50 to 54 years	4,593	4,132	90.0	3,970	162	3.9	461	18	6	155	282
55 to 64 years	9,186	6,417	69.9	6,127	290	4.5	2,769	48	3	377	2,341
55 to 59 years	4,720	3,868	82.0	3,700	168	4.4	852	26	3	193	630
60 to 64 years	4,466	2,548	57.1	2,427	122	4.8	1,918	22	-	185	1,711
65 years and over	9,849	1,526	15.5	1,495	31	2.0	8,323	180	2	383	7,758
65 to 69 years	3,636	871	24.0	854	18	2.0	2,765	52	-	107	2,607
70 years and over	6,213	655	10.5	642	14	2.1	5,558	129	2	276	5,151
Women											
16 years and over	79,824	42,732	53.5	40,302	2,430	5.7	37,092	27,178	3,558	862	5,494
16 to 19 years	5,951	3,139	52.7	2,733	405	12.9	2,812	368	2,303	5	136
16 to 17 years	2,894	1,283	44.3	1,070	212	16.6	1,611	110	1,465	2	34
18 to 19 years	3,057	1,856	60.7	1,663	193	10.4	1,201	259	838	3	101
20 to 24 years	8,669	6,278	72.4	5,834	444	7.1	2,390	1,419	780	13	179
25 to 54 years	40,528	27,920	68.9	26,528	1,392	5.0	12,609	11,140	437	189	843
25 to 34 years	17,138	12,043	70.3	11,417	625	5.2	5,095	4,467	287	57	284
25 to 29 years	8,910	6,373	71.5	5,986	387	6.1	2,537	2,172	186	24	155
30 to 34 years	8,228	5,670	68.9	5,431	238	4.2	2,558	2,295	102	33	128
35 to 44 years	13,498	9,632	71.4	9,166	466	4.8	3,866	3,466	116	42	243
35 to 39 years	7,480	5,327	71.2	5,045	282	5.3	2,153	1,957	70	18	108
40 to 44 years	6,018	4,305	71.5	4,121	184	4.3	1,713	1,509	46	24	135
45 to 54 years	9,892	6,245	63.1	5,945	300	4.8	3,647	3,207	34	89	317
45 to 49 years	5,046	3,359	66.6	3,188	171	5.1	1,887	1,497	21	27	142
50 to 54 years	4,846	2,887	59.6	2,757	129	4.5	1,960	1,710	13	62	175
55 to 64 years	10,404	4,333	41.6	4,168	165	3.8	6,071	5,033	24	167	847
55 to 59 years	5,210	2,615	50.2	2,503	112	4.3	2,595	2,263	20	74	238
60 to 64 years	5,194	1,718	33.1	1,665	53	3.1	3,476	2,770	4	93	610
65 years and over	14,271	1,062	7.4	1,038	24	2.2	13,210	9,218	15	488	3,489
65 to 69 years	4,489	621	13.8	598	23	3.7	3,867	2,935	8	60	865
70 years and over	9,783	440	4.5	440	1	.1	9,342	6,282	7	428	2,624

**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 1984										
	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	19,513	12,183	62.4	10,424	1,759	14.4	7,330	3,048	1,509	549	2,225
16 to 19 years	2,134	773	36.2	448	325	42.0	1,360	104	1,097	8	152
16 to 17 years	1,049	229	21.8	118	110	48.2	820	9	760	-	51
18 to 19 years	1,085	545	50.2	330	215	39.5	540	95	337	8	101
20 to 24 years	2,795	1,950	69.8	1,510	439	22.5	845	339	271	20	216
25 to 54 years	10,398	8,197	78.8	7,293	905	11.0	2,201	1,373	133	197	498
25 to 34 years	4,857	3,878	79.8	3,338	540	13.9	979	581	111	58	228
25 to 29 years	2,604	2,047	78.6	1,720	326	15.9	557	330	73	22	132
30 to 34 years	2,253	1,831	81.3	1,618	213	11.6	422	252	38	36	96
35 to 44 years	3,240	2,618	80.8	2,374	244	9.3	623	413	18	55	138
35 to 39 years	1,816	1,480	81.5	1,344	136	9.2	336	234	7	35	59
40 to 44 years	1,424	1,137	79.8	1,030	107	9.4	287	178	10	21	78
45 to 54 years	2,301	1,701	73.9	1,581	120	7.1	600	379	4	84	132
45 to 49 years	1,206	941	78.0	873	68	7.2	265	176	-	38	51
50 to 54 years	1,095	760	69.4	709	52	6.8	335	203	4	47	82
55 to 64 years	1,978	1,043	52.7	967	76	7.3	936	452	8	129	347
55 to 59 years	1,046	643	61.5	590	52	8.2	403	214	5	64	120
60 to 64 years	933	400	42.9	377	23	5.8	533	238	2	65	227
65 years and over	2,208	220	10.0	205	15	6.7	1,987	780	-	195	1,013
65 to 69 years	740	116	15.7	112	5	4.3	623	257	-	51	315
70 years and over	1,468	104	7.1	94	10	9.6	1,365	523	-	144	698
Men											
16 years and over	8,734	6,147	70.4	5,196	951	15.5	2,588	114	735	303	1,437
16 to 19 years	1,043	409	39.1	219	189	46.3	634	2	547	3	83
16 to 17 years	521	112	21.4	57	55	49.2	409	-	377	-	32
18 to 19 years	522	297	56.9	163	135	45.3	225	2	170	3	51
20 to 24 years	1,305	1,014	77.8	779	235	23.2	290	9	146	12	123
25 to 54 years	4,663	4,101	87.9	3,636	466	11.4	562	61	39	136	325
25 to 34 years	2,201	1,954	88.8	1,667	286	14.7	248	28	33	39	146
25 to 29 years	1,187	1,051	88.5	883	167	15.9	137	21	22	16	78
30 to 34 years	1,014	903	89.1	784	119	13.2	111	8	12	23	68
35 to 44 years	1,444	1,290	89.3	1,178	113	8.7	154	22	3	41	89
35 to 39 years	813	727	89.5	673	54	7.5	86	15	3	25	43
40 to 44 years	632	563	89.1	505	58	10.3	69	6	-	17	45
45 to 54 years	1,018	858	84.3	791	67	7.8	160	11	3	56	90
45 to 49 years	536	467	87.1	427	40	8.6	69	6	-	29	34
50 to 54 years	482	391	81.1	364	27	6.9	91	5	3	27	57
55 to 64 years	856	524	61.2	475	50	9.4	332	14	3	65	251
55 to 59 years	452	315	69.6	284	30	9.6	138	4	2	38	93
60 to 64 years	404	210	51.9	190	19	9.2	194	10	-	26	157
65 years and over	868	98	11.3	87	11	11.1	769	28	-	87	655
65 to 69 years	309	54	17.5	52	2	(¹)	255	4	-	28	223
70 years and over	559	44	7.9	35	9	(¹)	515	23	-	59	432
Women											
16 years and over	10,779	6,036	56.0	5,228	808	13.4	4,742	2,933	773	246	789
16 to 19 years	1,091	365	33.5	229	136	37.2	726	102	550	5	69
16 to 17 years	528	117	22.2	62	55	47.2	411	9	383	-	19
18 to 19 years	563	248	44.0	167	80	32.5	315	93	167	5	50
20 to 24 years	1,490	935	62.8	731	204	21.8	555	330	125	8	93
25 to 54 years	5,735	4,096	71.4	3,657	439	10.7	1,639	1,312	94	61	173
25 to 34 years	2,656	1,925	72.5	1,671	254	13.2	731	553	78	19	82
25 to 29 years	1,417	996	70.3	837	159	16.0	420	309	51	6	54
30 to 34 years	1,239	928	74.9	834	94	10.2	311	244	26	13	28
35 to 44 years	1,796	1,327	73.9	1,196	132	9.9	468	391	15	14	49
35 to 39 years	1,003	753	75.1	671	82	10.9	250	219	4	10	16
40 to 44 years	792	574	72.5	525	49	8.6	218	172	10	4	33
45 to 54 years	1,283	844	65.7	791	53	6.3	440	368	1	28	42
45 to 49 years	670	474	70.8	446	28	6.0	196	170	-	9	17
50 to 54 years	613	369	60.3	345	25	6.7	244	198	1	20	25
55 to 64 years	1,122	519	46.2	492	26	5.1	604	438	5	64	96
55 to 59 years	593	328	55.3	306	22	6.8	265	210	3	26	26
60 to 64 years	529	190	36.0	186	4	2.2	339	228	2	39	70
65 years and over	1,340	122	9.1	118	4	3.2	1,218	752	-	108	358
65 to 69 years	431	62	14.5	60	3	(¹)	368	253	-	23	92
70 years and over	909	60	6.6	59	1	(¹)	850	500	-	85	266

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 1984								Not in labor force
	Civilian noninstitutional population	Civilian labor force						Unemployed	
		Total	Percent of population	Employed			Number			Percent of labor force
			Total	Agriculture	Nonagricultural industries				
TOTAL									
16 years and over	24,572	15,429	62.8	13,399	274	13,125	2,030	13.2	9,143
16 to 19 years	2,563	947	37.0	584	9	575	363	38.3	1,615
16 to 17 years	1,271	286	22.5	163	1	162	123	43.0	385
18 to 19 years	1,291	661	51.2	421	8	413	240	36.3	631
20 to 24 years	3,451	2,384	69.1	1,886	25	1,861	497	20.9	1,067
25 to 54 years	13,510	10,514	77.8	9,448	186	9,260	1,067	10.1	2,995
25 to 34 years	6,296	4,924	78.2	4,322	78	4,244	603	12.2	1,371
25 to 29 years	3,351	2,569	76.7	2,216	47	2,169	353	13.7	782
30 to 34 years	2,944	1,258	42.7	2,106	33	2,073	250	19.9	589
35 to 44 years	4,276	3,451	80.7	3,146	61	3,085	305	8.8	824
35 to 39 years	2,416	1,958	81.0	1,776	33	1,743	182	9.3	459
40 to 44 years	1,860	1,493	80.3	1,371	28	1,343	123	8.2	365
45 to 54 years	2,938	2,138	72.8	1,980	47	1,933	158	7.4	799
45 to 49 years	1,534	1,182	77.1	1,096	26	1,069	87	7.4	359
50 to 54 years	1,403	957	68.2	884	20	864	73	7.6	446
55 to 64 years	2,458	1,304	53.0	1,217	40	1,177	86	6.6	1,154
55 to 59 years	1,307	793	60.7	734	27	707	59	7.5	514
60 to 64 years	1,151	510	44.3	483	13	471	27	5.3	640
65 years and over	2,582	281	10.8	264	14	250	17	6.2	2,311
65 to 69 years	901	165	18.3	158	8	150	7	4.2	736
70 years and over	1,691	116	6.9	106	6	100	10	8.6	1,576
Men									
16 years and over	11,147	7,936	71.2	6,831	256	6,575	1,105	13.9	3,211
16 to 19 years	1,260	494	39.2	291	8	283	203	41.1	765
16 to 17 years	637	145	22.8	85	-	85	60	41.4	492
18 to 19 years	623	349	56.1	206	8	198	143	41.1	274
20 to 24 years	1,615	1,230	76.2	968	23	945	263	21.3	385
25 to 54 years	6,128	5,391	88.0	4,823	173	4,649	569	10.6	737
25 to 34 years	2,868	2,535	88.4	2,211	76	2,134	325	12.8	333
25 to 29 years	1,547	1,350	87.2	1,168	43	1,125	182	13.5	197
30 to 34 years	1,321	1,186	89.8	1,043	33	1,010	143	12.0	135
35 to 44 years	1,950	1,751	89.8	1,605	54	1,551	145	8.3	199
35 to 39 years	1,116	998	89.4	922	30	892	76	7.6	119
40 to 44 years	834	753	90.4	684	24	659	69	9.2	80
45 to 54 years	1,310	1,105	84.3	1,007	43	964	98	8.9	205
45 to 49 years	696	605	86.9	552	25	526	54	8.8	91
50 to 54 years	614	500	81.4	455	17	438	45	9.0	114
55 to 64 years	1,097	687	62.6	628	38	590	58	8.5	410
55 to 59 years	579	404	69.9	367	25	342	37	9.3	174
60 to 64 years	518	282	54.4	261	13	248	21	7.4	236
65 years and over	1,048	134	12.8	121	14	108	13	9.4	914
65 to 69 years	386	83	21.5	80	8	72	3	4.1	303
70 years and over	661	51	7.7	42	6	36	9	(¹)	611
Women									
16 years and over	13,425	7,494	55.8	6,568	18	6,551	925	12.3	5,932
16 to 19 years	1,303	453	34.8	293	1	293	160	35.2	850
16 to 17 years	635	142	22.3	78	1	77	63	44.7	493
18 to 19 years	669	312	46.6	215	-	215	96	30.9	357
20 to 24 years	1,836	1,154	62.8	919	2	917	235	20.4	682
25 to 54 years	7,382	5,123	69.4	4,625	13	4,611	498	9.7	2,258
25 to 34 years	3,428	2,389	69.7	2,111	2	2,109	278	11.6	1,039
25 to 29 years	1,804	1,219	67.6	1,048	4	1,044	171	14.1	585
30 to 34 years	1,623	1,170	72.1	1,063	-	1,065	107	9.1	454
35 to 44 years	2,326	1,700	73.1	1,541	7	1,533	160	9.4	626
35 to 39 years	1,300	960	73.8	854	3	851	106	11.0	340
40 to 44 years	1,026	740	72.2	687	4	683	54	7.3	285
45 to 54 years	1,628	1,033	63.5	973	4	969	60	5.8	594
45 to 49 years	838	577	68.8	544	1	543	33	5.6	262
50 to 54 years	789	457	57.9	429	3	426	28	6.0	332
55 to 64 years	1,361	617	45.3	589	2	587	28	4.6	744
55 to 59 years	729	389	53.4	367	3	364	22	5.7	340
60 to 64 years	632	228	36.1	222	-	223	6	2.7	404
65 years and over	1,544	147	9.5	142	-	142	5	3.2	1,397
65 to 69 years	515	82	15.9	78	-	78	4	4.6	433
70 years and over	1,030	65	6.3	64	-	64	1	(¹)	965

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. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984
TOTAL								
Civilian noninstitutional population	175,121	177,306	75,433	76,753	84,666	85,995	15,022	14,557
Civilian labor force	111,795	114,028	58,915	59,920	45,246	46,633	7,633	7,474
Percent of population	63.8	64.3	78.1	78.1	53.4	54.2	50.8	51.3
Employed	102,803	106,049	54,452	56,090	42,191	43,843	6,159	6,116
Agriculture	2,950	3,013	2,188	2,303	554	513	209	197
Nonagricultural industries	99,852	103,037	52,265	53,787	41,637	43,330	5,951	5,919
Unemployed	8,992	7,978	4,463	3,831	3,055	2,790	1,474	1,358
Unemployment rate	8.0	7.0	7.6	6.4	6.8	6.0	19.3	18.2
Not in labor force	63,326	63,278	16,518	16,833	39,419	39,362	7,388	7,083
White								
Civilian noninstitutional population	151,484	152,734	65,993	66,866	73,076	73,873	12,414	11,994
Civilian labor force	97,352	98,598	51,854	52,479	38,754	39,593	6,744	6,527
Percent of population	64.3	64.6	78.6	78.5	53.0	53.6	54.3	54.4
Employed	90,628	92,650	48,387	49,550	36,593	37,569	5,649	5,532
Agriculture	2,719	2,739	1,996	2,055	525	496	198	188
Nonagricultural industries	87,910	89,912	46,391	47,495	36,067	37,072	5,451	5,344
Unemployed	6,724	5,948	3,468	2,929	2,162	2,024	1,095	995
Unemployment rate	6.9	6.0	6.7	5.6	5.6	5.1	16.2	15.2
Not in labor force	54,131	54,136	14,139	14,388	34,322	34,280	5,670	5,468
Black								
Civilian noninstitutional population	19,086	19,513	7,451	7,691	9,440	9,688	2,195	2,134
Civilian labor force	11,561	12,183	5,544	5,738	5,294	5,672	723	773
Percent of population	60.6	62.4	74.4	74.6	56.1	58.5	32.9	36.2
Employed	9,589	10,424	4,706	4,977	4,507	4,999	375	448
Agriculture	165	218	144	201	15	11	7	6
Nonagricultural industries	9,424	10,206	4,563	4,776	4,492	4,988	369	442
Unemployed	1,973	1,759	838	761	787	673	348	325
Unemployment rate	17.1	14.4	15.1	13.3	14.9	11.9	48.1	42.0
Not in labor force	7,525	7,330	1,907	1,953	4,146	4,016	1,472	1,360

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-7. Employment status of the civilian noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	December 1984								
	Total			White			Black		
	Both sexes	Men	Women	Both sexes	Men	Women	Both sexes	Men	Women
TOTAL									
Civilian noninstitutional population	22,497	11,183	11,314	18,569	9,274	9,295	3,250	1,568	1,682
Civilian labor force	13,180	6,841	6,339	11,366	5,916	5,451	1,490	765	724
Percent of population	58.6	61.2	56.0	61.2	63.8	58.6	45.8	48.8	43.0
Employed	11,139	5,655	5,484	9,882	5,036	4,846	990	485	506
Agriculture	311	274	37	294	259	35	12	11	1
Nonagricultural industries	10,828	5,381	5,447	9,589	4,777	4,811	978	473	505
Unemployed	2,041	1,186	855	1,484	880	604	499	281	219
Looking for full-time work	1,244	758	486	874	552	322	324	186	138
Looking for part-time work	797	428	369	610	328	282	175	95	81
Percent of labor force	15.5	17.3	13.5	13.1	14.9	11.1	33.5	36.7	30.2
Not in labor force	9,317	4,342	4,975	7,203	3,359	3,844	1,761	802	958
Major activity: Going to school									
Civilian noninstitutional population	11,808	6,037	5,771	9,750	4,972	4,778	1,649	840	809
Civilian labor force	4,368	2,182	2,187	3,871	1,912	1,959	385	208	177
Percent of population	37.0	36.1	37.9	39.7	38.5	41.0	23.3	24.7	21.9
Employed	3,597	1,770	1,827	3,296	1,605	1,690	202	106	96
Agriculture	97	79	18	96	79	17	2	1	1
Nonagricultural industries	3,499	1,691	1,809	3,200	1,526	1,674	200	105	95
Unemployed	772	412	360	575	307	269	183	102	81
Looking for full-time work	83	39	44	45	22	23	33	17	16
Looking for part-time work	689	373	316	531	285	246	150	85	65
Percent of labor force	17.7	18.9	16.5	14.9	16.0	13.7	47.6	49.0	45.9
Not in labor force	7,439	3,855	3,584	5,879	3,060	2,819	1,265	633	632
Major activity: Other									
Civilian noninstitutional population	10,689	5,146	5,543	8,819	4,302	4,517	1,601	728	873
Civilian labor force	8,812	4,660	4,152	7,495	4,003	3,492	1,105	558	547
Percent of population	82.4	90.5	74.9	85.0	93.1	77.3	69.0	76.6	62.7
Employed	7,542	3,885	3,657	6,586	3,430	3,156	789	379	410
Agriculture	214	194	19	198	179	18	11	11	-
Nonagricultural industries	7,329	3,691	3,638	6,389	3,251	3,138	778	368	410
Unemployed	1,269	775	495	909	573	335	316	179	137
Looking for full-time work	1,161	719	442	829	530	299	291	169	122
Looking for part-time work	108	55	53	79	43	36	25	10	16
Percent of labor force	14.4	16.6	11.9	12.1	14.3	9.6	28.6	32.1	25.1
Not in labor force	1,878	487	1,391	1,324	299	1,025	496	170	326

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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. 1983	Dec. 1984	Total		Employed		Unemployed			
			Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Number		Percent of labor force	
							Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984
VETERANS										
Total, 25 years and over	7,901	7,926	7,382	7,425	6,868	7,006	514	419	7.0	5.6
25 to 39 years	5,712	5,312	5,477	5,107	5,072	4,793	405	314	7.4	6.1
25 to 29 years	590	378	561	357	493	310	68	47	12.1	13.2
30 to 34 years	1,964	1,531	1,867	1,466	1,707	1,341	160	125	8.6	8.5
35 to 39 years	3,158	3,403	3,049	3,284	2,872	3,142	177	142	5.8	4.3
40 years and over	2,189	2,614	1,905	2,318	1,796	2,213	109	105	5.7	4.5
NONVETERANS										
Total, 25 to 39 years	20,456	21,604	19,275	20,376	17,823	19,105	1,452	1,271	7.5	6.2
25 to 29 years	8,802	9,066	8,222	8,472	7,500	7,864	722	608	8.8	7.2
30 to 34 years	7,042	7,672	6,667	7,309	6,213	6,864	454	445	6.8	6.1
35 to 39 years	4,612	4,866	4,386	4,595	4,110	4,377	276	218	6.3	4.7

NOTE: Male Vietnam-era veterans are those 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 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

A-9. Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Sex, age, and race	December 1984								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time ¹	Unemployed (looking for part-time work)	
		Full-time schedules ¹	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Total, 16 years and over	97,427	85,151	5,685	6,592	6.8	16,600	15,214	1,386	8.4
16 to 19 years	3,189	1,944	571	673	21.1	4,285	3,601	684	16.0
16 to 17 years	389	184	80	125	32.2	2,489	2,033	456	18.3
18 to 19 years	2,800	1,760	492	548	19.6	1,796	1,568	228	12.7
20 years and over	94,239	83,207	5,113	5,919	6.3	12,315	11,613	702	5.7
20 to 24 years	13,269	10,675	1,165	1,429	10.8	2,564	2,352	212	8.3
25 years and over	80,971	72,532	3,948	4,490	5.5	9,751	9,261	491	5.0
25 to 54 years	69,001	61,773	3,237	3,990	5.8	6,799	6,422	377	5.5
55 years and over	11,970	10,758	712	500	4.2	2,952	2,839	114	3.9
Men, 16 years and over	58,390	51,805	2,572	4,012	6.9	5,413	4,802	611	11.3
16 to 19 years	1,773	1,056	292	425	24.0	2,109	1,742	368	17.4
20 years and over	56,617	50,750	2,280	3,587	6.3	3,304	3,060	243	7.4
20 to 24 years	7,259	5,832	568	860	11.8	1,141	1,040	101	8.9
25 years and over	49,357	44,918	1,711	2,727	5.5	2,163	2,020	142	6.6
25 to 54 years	41,782	37,982	1,406	2,394	5.7	974	891	83	8.5
55 years and over	7,575	6,937	305	333	4.4	1,189	1,129	59	5.0
Women, 16 years and over	39,037	33,345	3,113	2,580	6.6	11,188	10,412	775	6.9
16 to 19 years	1,416	889	279	248	17.5	2,176	1,859	317	14.6
20 years and over	37,622	32,457	2,834	2,331	6.2	9,011	8,553	459	5.1
20 to 24 years	6,009	4,843	597	569	9.5	1,423	1,312	110	7.7
25 years and over	31,612	27,613	2,237	1,763	5.6	7,589	7,241	349	4.6
25 to 54 years	27,217	23,792	1,830	1,596	5.9	5,825	5,531	294	5.0
55 years and over	4,395	3,822	407	167	3.8	1,763	1,710	55	3.1
White									
Men, 16 years and over	51,118	45,948	2,116	3,054	6.0	4,749	4,285	464	9.8
16 to 19 years	1,521	967	249	306	20.1	1,867	1,583	283	15.2
20 years and over	49,596	44,981	1,867	2,748	5.5	2,883	2,702	181	6.3
20 to 24 years	6,209	5,128	454	627	10.1	962	890	72	7.5
25 years and over	43,387	39,853	1,414	2,121	4.9	1,920	1,813	109	5.7
25 to 54 years	36,563	33,557	1,153	1,853	5.1	802	746	56	7.0
55 years and over	6,824	6,296	261	268	3.9	1,118	1,066	53	4.7
Women, 16 years and over	32,540	28,290	2,444	1,806	5.6	10,191	9,568	624	6.1
16 to 19 years	1,175	772	241	162	13.8	1,963	1,720	243	12.4
20 years and over	31,365	27,518	2,203	1,644	5.2	8,228	7,848	380	4.6
20 to 24 years	5,043	4,236	445	361	7.2	1,236	1,152	83	6.7
25 years and over	26,322	23,282	1,758	1,284	4.9	6,992	6,695	297	4.2
25 to 54 years	22,490	19,919	1,424	1,147	5.1	5,430	5,185	245	4.5
55 years and over	3,832	3,363	334	137	3.6	1,562	1,510	52	3.3
Black									
Men, 16 years and over	5,656	4,457	384	815	14.4	491	355	135	27.6
16 to 19 years	222	72	39	111	49.9	187	108	79	42.2
20 years and over	5,435	4,385	344	705	13.0	304	247	57	18.6
20 to 24 years	889	588	95	206	23.2	125	96	29	23.3
25 years and over	4,546	3,797	250	499	11.0	179	150	26	14.5
25 to 54 years	3,976	3,312	220	444	11.2	126	104	21	16.7
55 years and over	570	485	30	55	9.6	53	46	5	(²)
Women, 16 years and over	5,265	4,021	574	670	12.7	771	633	138	17.9
16 to 19 years	195	95	33	68	34.7	169	101	68	40.0
20 years and over	5,070	3,926	541	603	11.9	602	532	70	11.7
20 to 24 years	802	487	135	181	22.5	133	110	23	17.6
25 years and over	4,267	3,440	407	407	9.5	468	422	49	10.5
25 to 54 years	3,800	3,062	347	392	10.3	295	249	46	15.6
55 years and over	467	378	60	15	3.2	173	173	3	1.7

¹ Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Family relationship	December 1984									
	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	93,907	64.7	87,220	6,690	7.1	51,255	25,578	8,545	2,119	15,014
Husbands	39,417	78.8	37,679	1,738	4.4	10,573	172	207	937	9,257
With employed wife	23,502	92.0	22,585	917	3.9	2,057	74	112	336	1,534
With unemployed wife	1,220	91.6	1,038	182	14.9	113	2	1	39	71
With wife not in labor force	14,695	63.6	14,056	639	4.3	8,404	96	95	562	7,651
Wives	26,891	53.8	25,559	1,333	5.0	23,099	20,263	350	304	2,182
With employed husband	23,623	62.7	22,585	1,038	4.4	14,056	12,964	267	99	726
With unemployed husband	1,099	63.2	917	182	16.6	639	578	25	8	28
With husband not in labor force	2,169	20.5	2,057	113	5.2	8,404	6,720	59	197	1,428
Relatives in married-couple families	13,360	61.6	11,747	1,614	12.1	8,339	900	5,876	288	1,275
16 to 19 years	4,957	50.9	4,239	718	14.5	4,782	125	4,412	8	238
20 to 24 years	5,243	75.0	4,726	517	9.9	1,748	164	1,335	23	225
25 years and over	3,160	63.6	2,782	379	12.0	1,809	611	129	257	812
Women who maintain families	5,907	59.8	5,349	559	9.5	3,965	3,020	152	163	631
Relatives in families maintained by women	5,116	57.5	4,054	1,062	20.8	3,781	820	1,690	278	994
16 to 19 years	1,314	45.6	886	428	32.6	1,566	98	1,290	17	161
20 to 24 years	1,649	71.7	1,334	315	19.1	651	142	311	16	182
25 years and over	2,153	57.9	1,834	319	14.8	1,564	580	89	245	651
Men who maintain families	1,729	75.2	1,580	149	8.6	570	45	25	80	420
Relatives in families maintained by men	1,487	61.6	1,252	235	15.8	928	358	245	69	255
16 to 19 years	260	57.4	205	55	21.1	194	7	164	1	23
20 to 24 years	432	77.3	353	79	18.3	127	33	67	6	20
25 years and over	795	56.7	694	101	12.7	607	318	14	62	212

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

NOTE: Because of new estimation techniques introduced in January

1984, these data are not comparable with those for earlier years. Moreover, 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.

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. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984
Total, 16 years and over	5,310	4,623	8.4	7.2	3,683	3,355	7.5	6.7
Married, spouse present	2,177	1,895	5.4	4.6	1,575	1,413	5.8	5.1
Widowed, divorced, or separated	686	546	11.6	9.2	796	711	8.3	7.4
Single (never married)	2,446	2,182	14.9	13.1	1,312	1,231	10.6	9.7
White, 16 years and over	4,119	3,518	7.4	6.3	2,605	2,430	6.2	5.7
Married, spouse present	1,832	1,583	5.0	4.3	1,315	1,184	5.4	4.8
Widowed, divorced, or separated	534	408	10.9	8.4	532	499	6.9	6.5
Single (never married)	1,753	1,527	12.7	10.9	757	746	7.5	7.2
Black, 16 years and over	1,015	951	17.2	15.5	958	808	17.0	13.4
Married, spouse present	259	227	8.9	7.5	190	166	8.9	7.3
Widowed, divorced, or separated	130	126	14.6	13.8	239	197	14.6	11.2
Single (never married)	626	598	29.8	27.1	528	446	28.1	22.3
Total, 25 years and over	3,363	2,869	6.7	5.6	2,316	2,111	6.1	5.4
Married, spouse present	1,976	1,691	5.2	4.3	1,293	1,135	5.3	4.5
Widowed, divorced, or separated	642	513	11.3	9.1	701	631	7.8	6.9
Single (never married)	745	665	11.3	9.5	324	345	7.0	7.0
White, 25 years and over	2,682	2,230	6.0	4.9	1,680	1,580	5.2	4.7
Married, spouse present	1,665	1,410	4.8	4.0	1,071	959	5.0	4.3
Widowed, divorced, or separated	494	381	10.6	8.2	468	438	6.4	6.0
Single (never married)	523	439	9.6	7.7	140	183	3.9	4.8
Black, 25 years and over	563	526	12.3	11.1	543	469	12.1	9.9
Married, spouse present	237	203	8.5	7.1	159	125	8.1	6.1
Widowed, divorced, or separated	126	119	14.5	13.6	208	181	13.4	10.6
Single (never married)	201	204	21.8	20.6	175	163	18.4	16.8

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984
Total, 16 years and over	8,992	7,978	8.0	7.0	8.4	7.2	7.5	6.7
Managerial and professional specialty	634	583	2.6	2.2	2.6	2.2	2.5	2.3
Executive, administrative, and managerial	307	264	2.7	2.2	2.5	2.0	3.0	2.4
Professional specialty	327	319	2.4	2.3	2.6	2.4	2.2	2.2
Technical, sales, and administrative support	1,767	1,578	5.2	4.6	4.2	3.7	5.8	5.0
Technicians and related support	106	117	3.3	3.5	2.9	2.6	3.6	4.4
Sales occupations	723	644	5.5	4.8	4.1	3.4	6.9	6.2
Administrative support, including clerical	938	817	5.4	4.7	5.1	5.0	5.5	4.6
Service occupations	1,512	1,327	9.6	8.5	10.1	8.7	9.3	8.3
Private household	101	68	8.9	5.9	(¹)	(¹)	8.4	5.8
Protective service	106	89	5.9	4.9	5.3	4.8	10.0	5.6
Service, except private household and protective	1,305	1,170	10.2	9.2	11.7	10.1	9.4	8.7
Precision production, craft, and repair	1,165	934	8.4	6.6	8.5	6.3	6.7	9.1
Mechanics and repairers	255	165	5.6	3.6	5.6	3.5	4.9	7.4
Construction trades	615	531	12.3	10.1	12.3	9.9	9.7	18.1
Other precision production, craft, and repair	296	238	6.8	5.5	6.9	4.7	6.7	8.2
Operators, fabricators, and laborers	2,467	2,245	13.0	11.7	13.0	12.0	12.8	10.9
Machine operators, assemblers, and inspectors	1,121	949	12.4	10.7	11.9	10.2	13.1	11.4
Transportation and material moving occupations	529	479	10.9	9.7	11.2	9.8	8.1	7.9
Handlers, equipment cleaners, helpers, and laborers	817	817	15.8	15.3	16.3	16.4	13.7	10.7
Construction laborers	202	217	24.6	26.6	23.9	26.0	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	616	600	14.2	13.3	14.5	14.2	12.8	9.7
Farming, forestry, and fishing	420	423	12.0	11.8	11.9	11.5	12.4	13.9
No previous work experience	990	822	-	-	-	-	-	-
16 to 19 years	678	554	-	-	-	-	-	-
20 to 24 years	218	171	-	-	-	-	-	-
25 years and over	94	97	-	-	-	-	-	-

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

A-13. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984
Total, 16 years and over	8,992	7,978	8.0	7.0	8.4	7.2	7.5	6.7
Nonagricultural private wage and salary workers	6,780	6,039	8.2	7.1	8.8	7.5	7.5	6.6
Mining	112	94	11.4	9.5	12.4	10.0	6.3	7.1
Construction	925	818	16.8	14.2	17.3	14.7	10.7	8.6
Manufacturing	1,849	1,629	8.4	7.3	7.8	6.8	9.6	8.3
Durable goods	1,099	978	8.5	7.3	8.2	7.2	9.4	7.6
Lumber and wood products	90	79	13.4	11.7	12.7	12.1	16.6	9.5
Furniture and fixtures	60	49	10.8	8.0	11.1	9.6	10.0	3.6
Stone, clay, and glass products	60	53	9.7	8.6	8.5	8.6	13.5	8.7
Primary metal industries	128	130	13.3	13.2	12.8	13.7	17.1	10.1
Fabricated metal products	142	139	10.5	10.0	10.9	9.6	9.5	11.3
Machinery, except electrical	203	146	7.7	5.4	7.7	5.3	7.9	5.6
Electrical machinery, equipment, and supplies	142	167	6.0	6.6	3.0	5.1	9.8	8.3
Transportation equipment	187	137	7.3	5.4	7.4	5.5	7.0	5.2
Automobiles	100	79	7.8	5.9	7.5	5.6	8.8	7.1
Other transportation equipment	87	58	6.8	5.0	7.3	5.3	5.2	2.5
Professional and photographic equipment	28	32	4.3	4.6	5.0	2.8	3.5	7.1
Other durable goods industries	58	46	9.8	8.6	8.0	7.4	12.1	10.1
Nondurable goods	751	651	8.4	7.3	7.3	6.1	9.9	9.0
Food and kindred products	222	179	12.1	9.3	10.0	8.6	16.3	10.6
Textile mill products	49	67	6.2	8.1	7.6	7.1	4.7	9.0
Apparel and other textile products	151	121	11.5	9.7	13.1	7.9	11.1	10.2
Paper and allied products	30	54	4.3	7.6	2.9	7.1	9.1	9.0
Printing and publishing	93	84	5.5	4.9	5.8	4.4	5.1	5.8
Chemicals and allied products	76	63	6.1	5.0	4.3	3.9	10.3	7.5
Rubber and miscellaneous plastics products	88	44	10.8	5.6	9.4	3.9	12.9	8.7
Other nondurable goods industries	43	40	7.7	8.1	7.8	6.1	7.0	12.0
Transportation and public utilities	370	303	6.4	5.1	7.1	5.8	4.4	3.1
Transportation	291	245	7.3	5.9	8.0	6.8	4.7	3.2
Communications and other public utilities	79	58	3.1	2.2	3.1	2.2	3.0	2.2
Wholesale and retail trade	1,793	1,574	8.3	7.1	8.0	6.4	8.7	7.8
Wholesale trade	271	242	6.4	5.8	6.3	5.3	6.8	6.9
Retail trade	1,522	1,332	8.8	7.4	8.6	6.9	9.0	8.0
Finance, insurance, and real estate	258	232	4.2	3.7	4.1	4.4	4.2	3.3
Service industries	1,474	1,388	7.0	6.4	8.1	7.1	6.4	6.0
Professional services	568	488	4.8	4.0	4.7	4.0	4.8	4.0
Other service industries	906	900	10.0	9.6	10.8	9.8	9.1	9.5
Agricultural wage and salary workers	316	280	20.2	16.3	19.8	14.6	22.1	24.3
Government, self-employed, and unpaid family workers	905	837	3.4	3.2	3.3	3.3	3.6	3.0
No previous work experience	990	822	-	-	-	-	-	-

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984
NUMBER OF UNEMPLOYED												
Total unemployed	8,992	7,978	4,463	3,831	3,055	2,790	1,474	1,358	6,724	5,948	1,973	1,759
Job losers	5,238	4,343	3,452	2,711	1,490	1,298	297	334	4,051	3,357	1,148	935
On layoff	1,406	1,157	889	737	451	339	66	82	1,184	990	199	140
Other job losers	3,832	3,186	2,563	1,974	1,039	959	231	252	2,867	2,367	949	795
Job leavers	766	791	291	361	383	334	92	96	620	656	12	24
Reentrants	2,005	2,024	582	650	1,013	999	411	375	1,412	1,404	502	537
New entrants	983	820	139	108	170	159	674	553	642	531	311	263
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	58.2	54.4	77.3	70.7	48.8	46.6	20.1	24.6	60.2	56.4	58.2	53.2
On layoff	15.6	14.5	19.9	19.2	14.8	12.2	4.5	6.0	17.6	16.6	10.1	8.0
Other job losers	42.6	39.9	57.4	51.5	34.0	34.4	15.6	18.6	42.6	39.8	48.1	45.2
Job leavers	8.5	9.9	6.5	9.4	12.5	12.0	6.3	7.1	9.2	11.0	.6	1.4
Reentrants	22.3	25.4	13.0	17.0	33.1	35.8	27.9	27.6	21.0	23.6	25.5	30.5
New entrants	10.9	10.3	3.1	2.8	5.6	5.7	45.8	40.7	9.5	8.9	15.7	14.9
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	4.7	3.8	5.8	4.5	3.3	2.8	3.9	4.5	4.1	3.4	9.9	7.7
Job leavers .....	.7	.7	.5	.6	.8	.7	1.2	1.3	.6	.7	.1	.2
Reentrants	1.8	1.8	1.0	1.1	2.2	2.1	5.4	5.0	1.5	1.4	4.3	4.4
New entrants .....	.9	.7	.2	.2	.4	.3	8.8	7.4	.7	.5	2.7	2.2

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

(Percent distribution)

Reason, sex, and age	December 1984						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	7,978	100.0	38.4	33.2	28.5	11.9	16.6
Job losers	4,343	100.0	35.4	32.8	31.7	12.0	19.7
On layoff	1,157	100.0	55.5	28.6	15.9	8.5	7.5
Other job losers	3,186	100.0	28.1	34.4	37.5	13.3	24.2
Job leavers	791	100.0	36.9	38.2	24.9	14.4	10.5
Reentrants	2,024	100.0	44.6	31.2	24.3	11.0	13.2
New entrants	820	100.0	39.9	35.1	25.1	11.2	13.9
Men, 20 years and over	3,831	100.0	35.5	31.0	33.5	13.2	20.3
Job losers	2,711	100.0	35.7	30.3	34.0	13.1	20.9
On layoff	737	100.0	58.3	25.1	16.6	9.2	7.4
Other job losers	1,974	100.0	27.3	32.2	40.5	14.6	26.0
Job leavers	361	100.0	31.3	43.1	25.6	14.5	11.2
Reentrants	650	100.0	38.9	28.2	32.9	11.4	21.5
New entrants	108	100.0	23.6	27.8	48.5	21.8	26.7
Women, 20 years and over	2,790	100.0	36.4	36.1	27.5	11.2	16.3
Job losers	1,298	100.0	31.0	37.1	31.9	11.2	20.7
On layoff	339	100.0	45.5	36.5	18.0	8.4	9.6
Other job losers	959	100.0	25.8	37.4	36.8	12.1	24.7
Job leavers	334	100.0	37.3	35.5	27.1	14.6	12.5
Reentrants	999	100.0	43.6	34.4	22.0	10.6	11.4
New entrants	159	100.0	33.0	39.2	27.8	8.5	19.3
Both sexes, 16 to 19 years	1,358	100.0	50.4	33.2	16.4	9.8	6.6
Job losers	334	100.0	50.4	37.2	12.4	6.5	5.9
On layoff	82	100.0	71.9	26.8	1.3	1.3	-
Other job losers	252	100.0	43.5	40.6	16.0	7.8	8.2
Job leavers	96	100.0	56.6	28.8	14.6	13.5	1.1
Reentrants	375	100.0	56.9	27.6	15.4	11.6	3.8
New entrants	553	100.0	45.0	35.3	19.7	9.8	9.9

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. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984
	Total, 16 years and over	8,992	7,978	100.0	100.0	7,449	6,592	100.0	100.0
Less than 5 weeks	3,159	3,060	35.1	38.4	2,332	2,325	31.3	35.3
5 to 14 weeks	2,631	2,647	29.3	33.2	2,162	2,183	29.0	33.1
5 to 10 weeks	1,870	1,920	20.8	24.1	1,543	1,567	20.7	23.8
11 to 14 weeks	760	728	8.5	9.1	620	616	8.3	9.3
15 weeks and over	3,202	2,272	35.6	28.5	2,954	2,084	39.7	31.6
15 to 26 weeks	1,254	951	13.9	11.9	1,101	847	14.8	12.8
27 weeks and over	1,948	1,321	21.7	16.6	1,853	1,237	24.9	18.8
27 to 51 weeks	747	422	8.3	5.3	703	388	9.4	5.9
52 weeks and over	1,201	899	13.4	11.3	1,150	849	15.4	12.9
Average (mean) duration, in weeks	19.4	17.1	-	-	21.5	18.8	-	-
Median duration, in weeks	9.1	7.6	-	-	10.4	8.5	-	-

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Sex, age, race, and marital status	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984
	December 1984							Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984
Total, 16 years and over	7,978	3,060	2,647	951	1,321	17.1	7.6	35.1	38.4	35.6	28.5
16 to 19 years	1,358	685	451	133	89	9.1	5.0	46.0	50.4	21.8	16.4
20 to 24 years	1,640	653	536	234	218	15.4	7.0	38.9	39.8	31.1	27.5
25 to 34 years	2,228	869	772	249	339	16.7	7.6	31.1	39.0	38.5	26.4
35 to 44 years	1,272	397	406	179	289	21.4	9.4	32.4	31.2	40.9	36.8
45 to 54 years	866	277	298	84	208	20.6	9.2	28.3	31.9	42.7	33.7
55 to 64 years	541	153	166	66	156	26.2	10.1	33.1	28.3	45.2	41.0
65 years and over	72	27	18	5	22	(¹)	(¹)	29.4	(¹)	44.3	(¹)
Men, 16 years and over	4,623	1,740	1,472	582	829	18.6	8.0	31.1	37.6	39.7	30.5
16 to 19 years	793	380	283	77	52	9.2	5.4	44.5	47.9	22.8	16.4
20 to 24 years	961	385	286	150	141	16.7	7.8	34.0	40.0	35.3	30.3
25 to 34 years	1,325	510	417	161	238	19.2	7.7	25.8	38.5	43.6	30.1
35 to 44 years	646	195	200	95	157	23.8	9.9	28.3	30.1	45.3	39.0
45 to 54 years	506	154	179	42	130	21.9	9.7	24.3	30.4	46.1	34.1
55 to 64 years	348	101	97	52	98	27.3	10.4	30.7	29.1	51.1	43.0
65 years and over	44	15	11	5	14	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,355	1,320	1,174	369	492	15.0	7.0	41.0	39.3	29.8	25.6
16 to 19 years	565	305	168	55	37	9.1	4.6	48.0	54.0	20.4	16.4
20 to 24 years	679	268	250	84	77	13.5	6.5	46.1	39.5	25.0	23.7
25 to 34 years	903	359	355	88	101	13.2	7.4	38.4	39.7	31.5	21.0
35 to 44 years	626	202	207	84	132	18.9	8.8	37.9	32.3	35.0	34.6
45 to 54 years	360	123	118	41	78	18.9	8.5	34.3	34.0	37.5	33.1
55 to 64 years	193	52	69	15	57	24.3	9.5	37.6	26.8	34.6	37.4
65 years and over	28	12	7	1	9	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	5,948	2,308	2,010	697	933	16.4	7.3	35.7	38.8	34.9	27.4
Men	3,518	1,340	1,138	445	595	17.7	7.8	32.4	38.1	38.2	29.6
Women	2,430	968	873	252	338	14.4	6.8	41.0	39.8	29.7	24.3
Black, 16 years and over	1,759	648	549	206	356	20.1	7.6	32.0	36.8	38.9	31.9
Men	951	349	287	103	212	22.6	7.8	25.0	36.7	46.1	33.1
Women	808	299	263	103	143	17.0	7.4	39.5	37.0	31.3	30.5
Men, 16 years and over:											
Married, spouse present	1,895	676	585	256	379	20.0	8.4	29.2	35.7	43.4	33.5
Widowed, divorced, or separated	546	162	177	55	152	24.6	10.7	26.5	29.7	47.4	37.9
Single (never married)	2,182	902	711	271	298	15.8	7.1	34.0	41.3	34.2	26.1
Women, 16 years and over:											
Married, spouse present	1,413	549	524	164	176	13.5	6.9	39.9	38.9	29.9	24.1
Widowed, divorced, or separated	711	249	243	63	157	20.1	8.8	40.3	35.0	36.0	30.9
Single (never married)	1,231	522	408	142	159	13.7	6.4	42.7	42.4	25.9	24.4

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	
								Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984
OCCUPATION											
Managerial and professional specialty	583	205	214	53	112	18.2	8.2	29.6	35.1	43.7	28.2
Technical, sales, and administrative support	1,578	625	523	202	228	15.5	7.2	35.8	39.6	33.4	27.3
Service occupations	1,327	510	437	166	214	17.6	7.6	35.8	38.4	33.6	28.7
Precision production, craft, and repair	934	385	294	119	136	16.2	7.1	29.4	41.2	38.8	27.3
Operators, fabricators, and laborers	2,245	797	739	256	452	19.2	8.3	34.8	35.5	39.7	31.6
Farming, forestry, and fishing	423	190	133	53	46	12.9	5.9	43.8	44.9	22.1	23.6
INDUSTRY¹											
Agriculture	280	137	76	30	38	13.3	5.2	45.1	48.9	21.5	24.1
Construction	851	386	287	77	101	14.2	5.9	34.7	45.3	30.7	20.9
Manufacturing	1,632	548	512	217	355	20.9	9.4	31.2	33.6	44.7	35.1
Durable goods	978	301	304	129	245	23.9	10.5	27.3	30.8	49.8	38.2
Nondurable goods	654	247	208	88	111	16.4	7.5	36.8	37.8	37.2	30.4
Transportation and public utilities	350	94	130	56	70	19.3	9.7	29.5	26.8	45.5	36.0
Wholesale and retail trade	1,593	682	508	176	227	15.4	6.4	35.6	42.8	33.5	25.3
Finance and service industries	1,913	684	671	243	316	17.1	8.3	36.2	35.8	33.8	29.2
Public administration	268	87	98	31	52	19.9	9.3	28.5	32.4	36.4	31.1
No previous work experience	822	329	288	91	114	15.1	7.2	40.8	40.0	29.2	25.0

¹ Includes wage and salary workers only.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Sex, age, and race	December 1984								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	7,978	6,718	24.1	5.8	75.2	34.2	18.5	5.2	1.63
16 to 19 years	1,358	1,261	15.5	3.6	80.7	25.5	15.5	3.8	1.45
20 to 24 years	1,640	1,434	27.5	4.7	75.6	32.5	18.1	4.5	1.63
25 to 34 years	2,228	1,826	24.5	7.4	76.1	36.3	19.2	3.7	1.67
35 to 44 years	1,272	1,024	27.8	7.6	74.0	36.9	17.9	6.2	1.70
45 to 54 years	866	675	28.4	4.6	67.0	43.9	22.1	9.2	1.75
55 to 64 years	541	447	22.1	6.0	70.9	34.0	21.3	8.9	1.63
65 years and over	72	50	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Men, 16 years and over	4,623	3,757	26.4	5.4	74.8	32.1	22.0	6.3	1.67
16 to 19 years	793	718	15.9	2.6	82.0	21.4	18.4	3.5	1.44
20 to 24 years	961	814	29.5	4.9	73.3	28.9	21.6	3.8	1.62
25 to 34 years	1,325	1,034	28.7	7.8	75.2	35.4	22.3	4.9	1.74
35 to 44 years	646	494	28.7	6.3	73.7	37.9	20.4	8.7	1.76
45 to 54 years	506	377	34.5	4.5	65.3	46.2	28.4	12.5	1.91
55 to 64 years	348	289	21.5	4.5	74.7	28.0	24.9	11.8	1.65
65 years and over	44	31	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,355	2,961	21.3	6.3	75.7	36.8	14.2	3.7	1.58
16 to 19 years	565	543	15.1	5.0	79.0	30.9	12.0	4.1	1.46
20 to 24 years	679	620	25.0	4.7	78.5	37.3	13.4	5.2	1.64
25 to 34 years	903	792	18.9	6.8	77.4	37.5	15.3	2.0	1.58
35 to 44 years	626	530	27.2	8.9	74.3	36.0	15.7	3.8	1.66
45 to 54 years	360	298	20.8	4.4	69.1	41.3	14.1	5.0	1.55
55 to 64 years	193	158	23.4	8.9	63.9	45.6	14.6	3.2	1.59
65 years and over	28	20	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	5,948	4,866	23.6	5.6	74.1	36.3	18.8	5.5	1.64
Men	3,518	2,779	25.8	5.0	73.9	34.4	22.7	6.9	1.69
Women	2,430	2,087	20.7	6.5	74.3	38.7	13.6	3.7	1.57
Black, 16 years and over	1,759	1,611	25.1	5.8	78.9	28.9	17.3	3.6	1.60
Men	951	847	27.9	5.8	78.6	25.9	19.5	3.8	1.61
Women	808	764	22.0	5.8	79.2	32.2	14.8	3.4	1.57

¹ Data not shown where base is less than 75,000.
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, 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 1984								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	7,978	6,718	24.1	5.8	75.2	34.2	18.5	5.2	1.63
Job losers ¹	4,343	3,189	30.6	6.8	74.5	34.5	20.3	5.4	1.72
Job leavers	791	791	20.5	7.5	75.7	42.1	18.6	4.9	1.69
Reentrants	2,024	1,924	17.8	4.6	74.4	33.6	16.2	5.6	1.52
New entrants	820	813	17.0	3.0	79.6	26.7	17.2	3.2	1.47
Men, 16 years and over	4,623	3,757	26.4	5.4	74.8	32.1	22.0	6.3	1.67
Job losers ¹	2,948	2,137	30.5	6.3	74.5	33.1	22.3	6.6	1.73
Job leavers	407	398	25.4	4.8	75.1	35.9	25.1	6.8	1.73
Reentrants	876	833	20.6	4.1	71.8	32.1	20.4	6.1	1.55
New entrants	392	388	16.8	3.6	83.0	22.4	20.1	4.9	1.51
Women, 16 years and over	3,355	2,961	21.3	6.3	75.7	36.8	14.2	3.7	1.58
Job losers ¹	1,395	1,052	30.9	7.7	74.3	37.2	16.3	3.1	1.69
Job leavers	384	393	15.5	10.4	76.6	48.3	12.0	3.3	1.66
Reentrants	1,148	1,092	15.7	5.0	76.4	34.8	12.8	5.3	1.50
New entrants	428	425	17.2	2.4	76.5	30.4	14.6	1.6	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.

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

(In thousands)

Industry and age	Total		Men		Women	
	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984
	All industries	102,803	106,049	57,559	59,179	45,244	46,870
16 to 19 years	6,159	6,116	3,107	3,090	3,053	3,027
16 to 17 years	2,215	2,297	1,078	1,148	1,137	1,148
18 to 19 years	3,944	3,820	2,029	1,941	1,915	1,878
20 to 24 years	13,874	14,192	7,291	7,439	6,584	6,753
25 to 54 years	68,412	71,433	38,707	40,279	29,705	31,153
25 to 34 years	29,637	30,870	16,678	17,342	12,959	13,528
35 to 44 years	22,866	24,334	12,893	13,628	9,973	10,706
45 to 54 years	15,908	16,228	9,136	9,310	6,773	6,918
55 to 64 years	11,479	11,512	6,754	6,755	4,725	4,757
55 to 59 years	6,975	6,936	4,097	4,067	2,878	2,870
60 to 64 years	4,505	4,575	2,657	2,688	1,848	1,887
65 years and over	2,878	2,797	1,701	1,616	1,177	1,180
Agriculture	2,950	3,013	2,363	2,475	587	538
16 to 19 years	209	197	175	172	33	25
16 to 17 years	85	80	71	62	13	18
18 to 19 years	124	117	104	110	20	7
20 to 24 years	335	341	267	290	68	51
25 to 54 years	1,691	1,769	1,335	1,409	356	360
25 to 34 years	684	687	558	572	126	115
35 to 44 years	586	582	456	451	129	131
45 to 54 years	421	500	320	386	101	113
55 to 64 years	457	472	362	404	94	69
55 to 59 years	238	247	192	209	46	38
60 to 64 years	218	225	170	195	49	30
65 years and over	259	233	224	199	35	34
Nonagricultural industries	99,852	103,037	55,196	56,705	44,656	46,332
16 to 19 years	5,951	5,919	2,931	2,917	3,019	3,002
16 to 17 years	2,131	2,216	1,006	1,086	1,124	1,130
18 to 19 years	3,820	3,703	1,925	1,832	1,895	1,871
20 to 24 years	13,540	13,851	7,024	7,149	6,516	6,702
25 to 54 years	66,722	69,663	37,372	38,870	29,349	30,793
25 to 34 years	28,953	30,182	16,120	16,769	12,834	13,413
35 to 44 years	22,280	23,752	12,437	13,177	9,844	10,575
45 to 54 years	15,487	15,729	8,816	8,924	6,672	6,805
55 to 64 years	11,023	11,040	6,392	6,351	4,631	4,688
55 to 59 years	6,736	6,690	3,905	3,858	2,832	2,832
60 to 64 years	4,286	4,350	2,487	2,493	1,799	1,857
65 years and over	2,618	2,564	1,477	1,417	1,141	1,147

**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. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984
Total	102,803	106,049	57,559	59,179	54,452	56,090	45,244	46,870	42,191	43,843
Managerial and professional specialty	24,185	25,431	14,098	14,680	14,012	14,606	10,087	10,751	9,992	10,659
Executive, administrative, and managerial	11,094	11,949	7,350	7,816	7,332	7,791	3,744	4,133	3,710	4,104
Officials and administrators, public administration	461	494	306	321	306	321	155	172	155	171
Other executive, administrative, and managerial	7,553	8,202	5,249	5,680	5,234	5,655	2,304	2,522	2,280	2,497
Management-related occupations	3,081	3,254	1,796	1,815	1,792	1,815	1,285	1,439	1,275	1,436
Professional specialty	13,091	13,482	6,748	6,864	6,680	6,815	6,343	6,618	6,283	6,556
Engineers	1,553	1,559	1,455	1,458	1,453	1,455	98	101	96	99
Mathematical and computer scientists	511	526	373	379	373	379	138	147	138	147
Natural scientists	341	317	269	262	268	262	72	55	72	55
Health diagnosing occupations	704	712	596	608	595	608	108	104	108	103
Health assessment and treating occupations	1,862	2,007	259	287	257	285	1,603	1,720	1,600	1,719
Teachers, college and university	648	681	406	457	405	458	242	224	236	222
Teachers, except college and university	3,575	3,585	1,058	1,006	1,045	991	2,517	2,580	2,491	2,547
Lawyers and judges	636	672	545	550	545	550	91	122	91	119
Other professional specialty occupations	3,262	3,423	1,787	1,856	1,740	1,827	1,475	1,567	1,450	1,544
Technical, sales, and administrative support	32,038	32,903	11,500	11,673	10,922	11,099	20,538	21,230	18,975	19,652
Technicians and related support	3,124	3,276	1,608	1,733	1,592	1,704	1,516	1,543	1,496	1,526
Health technologists and technicians	1,094	1,105	163	205	158	202	931	899	910	892
Engineering and science technicians	1,081	1,128	839	898	831	883	242	229	240	223
Technicians, except health, engineering, and science	950	1,044	605	630	602	619	344	415	346	411
Sales occupations	12,507	12,872	6,454	6,604	6,068	6,206	6,052	6,268	5,159	5,338
Supervisors and proprietors	3,030	3,399	2,179	2,357	2,162	2,332	851	1,042	833	1,035
Sales representatives, finance and business services	1,995	1,903	1,260	1,170	1,251	1,159	734	733	721	720
Sales representatives, commodities, except retail	1,435	1,400	1,188	1,149	1,173	1,142	246	251	239	243
Sales workers, retail and personal services	5,980	6,113	1,801	1,904	1,459	1,548	4,179	4,209	3,329	3,308
Sales-related occupations	67	57	26	24	23	24	41	33	37	32
Administrative support, including clerical	16,407	16,755	3,437	3,336	3,262	3,189	12,970	13,418	12,319	12,787
Supervisors	657	634	292	321	290	321	365	312	362	306
Computer equipment operators	696	764	259	238	258	229	437	525	411	507
Secretaries, stenographers, and typists	4,805	4,790	108	83	97	78	4,697	4,707	4,493	4,488
Financial records processing	2,266	2,349	274	233	273	229	1,992	2,116	1,939	2,063
Mail and message distributing	861	827	597	553	575	530	264	273	254	259
Other administrative support, including clerical	7,123	7,392	1,907	1,908	1,770	1,802	5,216	5,484	4,860	5,165
Service occupations	14,170	14,340	5,564	5,540	4,666	4,714	8,606	8,799	7,511	7,748
Private household	1,030	1,080	55	35	29	30	974	1,045	736	851
Protective service	1,692	1,716	1,489	1,514	1,461	1,480	202	202	188	188
Service, except private household and protective	11,449	11,544	4,019	3,992	3,176	3,203	7,430	7,552	6,586	6,709
Food service	5,053	5,002	1,814	1,786	1,196	1,166	3,239	3,216	2,602	2,597
Health service	1,772	1,709	186	134	180	130	1,586	1,576	1,500	1,482
Cleaning and building service	2,733	2,805	1,671	1,692	1,486	1,551	1,061	1,114	1,008	1,066
Personal service	1,891	2,027	348	381	314	356	1,542	1,646	1,476	1,563
Precision production, craft, and repair	12,741	13,270	11,602	12,161	11,289	11,806	1,139	1,108	1,099	1,060
Mechanics and repairers	4,305	4,463	4,177	4,341	4,090	4,221	128	122	129	118
Construction trades	4,400	4,723	4,318	4,629	4,155	4,468	82	95	77	87
Other precision production, craft, and repair	4,036	4,084	3,107	3,192	3,045	3,117	929	892	892	855
Operators, fabricators, and laborers	16,576	16,958	12,202	12,439	11,175	11,378	4,374	4,519	4,153	4,290
Machine operators, assemblers, and inspectors	7,917	7,956	4,651	4,717	4,463	4,516	3,266	3,239	3,157	3,134
Manufacturing industries	6,629	6,681	3,834	3,909	3,707	3,748	2,796	2,772	2,714	2,697
Durable goods	3,621	3,713	2,499	2,583	2,431	2,480	1,123	1,130	1,085	1,103
Nondurable goods	3,008	2,968	1,335	1,326	1,275	1,268	1,673	1,642	1,629	1,594
Nonmanufacturing industries	1,287	1,276	817	808	756	768	470	467	443	437
Transportation and material moving occupations	4,313	4,481	3,953	4,099	3,827	3,963	360	382	345	364
Motor vehicle operators	3,107	3,241	2,806	2,907	2,710	2,787	300	334	287	316
Other transportation and material moving occupations	1,207	1,240	1,147	1,192	1,118	1,176	60	48	58	49
Handlers, equipment cleaners, helpers, and laborers	4,346	4,520	3,598	3,622	2,885	2,900	748	898	652	792
Construction laborers	619	599	607	583	563	517	12	16	12	13
Other handlers, equipment cleaners, helpers, and laborers	3,727	3,922	2,991	3,039	2,323	2,383	737	882	641	779
Farming, forestry, and fishing	3,092	3,148	2,593	2,686	2,388	2,487	499	462	461	434
Farm operators and managers	1,408	1,323	1,201	1,177	1,188	1,156	207	146	203	145
Other farming, forestry, and fishing occupations	1,684	1,825	1,392	1,508	1,200	1,331	291	317	258	289

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	December 1983	December 1984	December 1983	December 1984	December 1983	December 1984
TOTAL						
Total, 16 years and over (thousands)	102,803	106,049	57,559	59,179	45,244	46,870
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	23.5	24.0	24.5	24.8	22.3	22.9
Executive, administrative, and managerial	10.8	11.3	12.8	13.2	8.3	8.8
Professional specialty	12.7	12.7	11.7	11.6	14.0	14.1
Technical, sales, and administrative support	31.2	31.0	20.0	19.7	45.4	45.3
Technicians and related support	3.0	3.1	2.8	2.9	3.4	3.3
Sales occupations	12.2	12.1	11.2	11.2	13.4	13.4
Administrative support, including clerical	16.0	15.8	6.0	5.6	28.7	28.6
Service occupations	13.8	13.5	9.7	9.4	19.0	18.8
Private household	1.0	1.0	.1	.1	2.2	2.2
Protective service	1.6	1.6	2.6	2.6	.4	.4
Service, except private household and protective	11.1	10.9	7.0	6.7	16.4	16.1
Precision production, craft, and repair	12.4	12.5	20.2	20.5	2.5	2.4
Operators, fabricators, and laborers	16.1	16.0	21.2	21.0	9.7	9.6
Machine operators, assemblers, and inspectors	7.7	7.5	8.1	8.0	7.2	6.9
Transportation and material moving occupations	4.2	4.2	6.9	6.9	.8	.8
Handlers, equipment cleaners, helpers, and laborers	4.2	4.3	6.3	6.1	1.7	1.9
Farming, forestry, and fishing	3.0	3.0	4.5	4.5	1.1	1.0
White						
Total, 16 years and over (thousands)	90,628	92,650	51,219	52,349	39,410	40,302
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	24.5	25.1	25.6	26.1	23.0	23.8
Executive, administrative, and managerial	11.4	11.9	13.5	14.0	8.7	9.2
Professional specialty	13.1	13.1	12.1	12.1	14.4	14.5
Technical, sales, and administrative support	31.8	31.7	20.4	20.1	46.8	46.7
Technicians and related support	3.0	3.1	2.8	3.0	3.3	3.3
Sales occupations	12.8	12.8	11.9	11.9	14.1	14.0
Administrative support, including clerical	16.0	15.8	5.6	5.3	29.4	29.4
Service occupations	12.5	12.2	8.7	8.4	17.5	17.2
Private household .....	.8	.8	.1	(¹)	1.7	1.7
Protective service	1.5	1.5	2.4	2.4	.4	.4
Service, except private household and protective	10.2	9.9	6.2	5.9	15.4	15.1
Precision production, craft, and repair	12.8	13.0	20.7	21.2	2.5	2.3
Operators, fabricators, and laborers	15.3	15.0	20.1	19.7	9.0	8.9
Machine operators, assemblers, and inspectors	7.3	7.0	7.7	7.6	6.6	6.3
Transportation and material moving occupations	4.1	4.1	6.6	6.6	.8	.8
Handlers, equipment cleaners, helpers, and laborers	4.0	3.9	5.8	5.6	1.6	1.8
Farming, forestry, and fishing	3.1	3.0	4.6	4.5	1.2	1.1
Black						
Total, 16 years and over (thousands)	9,589	10,424	4,899	5,196	4,690	5,228
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	14.2	13.9	12.6	11.1	15.9	16.7
Executive, administrative, and managerial	5.5	5.6	5.7	5.5	5.4	5.7
Professional specialty	8.7	8.3	6.9	5.6	10.5	11.0
Technical, sales, and administrative support	25.6	25.6	15.7	15.5	36.0	35.6
Technicians and related support	2.9	2.4	1.8	2.0	4.0	2.8
Sales occupations	6.2	6.7	4.7	4.5	7.8	9.0
Administrative support, including clerical	16.6	16.5	9.2	9.1	24.3	23.9
Service occupations	24.5	24.1	18.2	17.5	31.2	30.7
Private household	3.0	3.4	.2	.1	5.9	6.8
Protective service	2.7	2.6	4.5	4.2	.8	.9
Service, except private household and protective	18.9	18.2	13.5	13.2	24.5	23.1
Precision production, craft, and repair	9.4	8.5	16.0	15.1	2.5	2.1
Operators, fabricators, and laborers	24.0	25.0	33.5	35.5	14.1	14.7
Machine operators, assemblers, and inspectors	11.8	11.7	12.0	12.2	11.6	11.2
Transportation and material moving occupations	6.0	6.1	10.7	11.3	1.0	1.0
Handlers, equipment cleaners, helpers, and laborers	6.2	7.3	10.8	12.1	1.4	2.5
Farming, forestry, and fishing	2.2	2.8	4.0	5.3	.4	.2

¹ Less than 0.05 percent.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	December 1984								
	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	94,968	1,256	15,987	77,725	7,724	345	1,432	1,403	178
16 to 19 years	5,777	219	283	5,274	118	25	148	20	29
16 to 17 years	2,149	157	92	1,900	54	14	58	5	17
18 to 19 years	3,629	63	191	3,374	64	11	90	15	12
20 to 24 years	13,479	152	1,284	12,043	347	25	245	81	15
25 to 34 years	28,083	170	4,420	23,492	2,037	63	413	256	18
35 to 44 years	21,595	168	4,536	16,891	2,054	103	281	265	36
45 to 54 years	14,153	180	3,018	10,955	1,518	57	168	295	37
55 to 64 years	9,863	219	2,104	7,539	1,125	51	126	323	24
55 to 59 years	6,005	127	1,332	4,547	655	29	71	164	11
60 to 64 years	3,858	92	773	2,992	470	22	54	158	13
65 years and over	2,019	147	341	1,531	525	20	52	162	19
Men, 16 years and over	51,521	109	7,798	43,615	5,118	65	1,197	1,227	50
16 to 19 years	2,819	24	93	2,701	81	18	128	20	24
16 to 17 years	1,040	22	26	992	36	10	44	5	13
18 to 19 years	1,779	2	68	1,709	45	8	84	15	11
20 to 24 years	6,903	15	627	6,262	228	18	206	71	13
25 to 34 years	15,474	23	2,088	13,363	1,291	5	346	223	4
35 to 44 years	11,805	19	2,198	9,588	1,373	-	227	222	2
45 to 54 years	7,910	13	1,561	6,336	1,005	9	138	246	2
55 to 64 years	5,567	2	1,059	4,507	777	8	108	295	1
55 to 59 years	3,425	2	666	2,757	431	2	61	146	1
60 to 64 years	2,142	-	392	1,750	345	6	47	149	-
65 years and over	1,044	13	172	858	364	8	45	150	4
Women, 16 years and over	43,447	1,147	8,189	34,110	2,606	280	235	176	127
16 to 19 years	2,958	195	190	2,573	37	6	20	-	5
16 to 17 years	1,108	134	67	907	18	4	14	-	4
18 to 19 years	1,850	61	123	1,666	19	3	6	-	-
20 to 24 years	6,576	137	657	5,781	119	7	39	10	2
25 to 34 years	12,609	147	2,333	10,129	747	58	68	34	14
35 to 44 years	9,790	149	2,338	7,302	681	104	54	43	34
45 to 54 years	6,243	167	1,458	4,619	513	48	29	49	35
55 to 64 years	4,296	218	1,046	3,033	349	44	18	28	23
55 to 59 years	2,580	125	665	1,790	224	28	10	18	10
60 to 64 years	1,716	93	381	1,242	125	16	8	10	13
65 years and over	975	133	168	673	161	12	7	12	14

A-25. Employed civilians by industry and occupation

(In thousands)

Industry	December 1984												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations		Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical	Private household	Other service ¹		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture	3,013	40	64	19	15	104	-	13	32	9	52	9	2,656
Mining	920	143	102	40	16	115	-	13	281	32	149	28	1
Construction	6,753	790	128	68	66	424	-	23	3,935	115	475	725	5
Manufacturing	21,128	2,380	1,560	780	680	2,521	-	346	4,072	6,681	874	1,150	85
Durable goods	12,667	1,452	1,059	552	268	1,474	-	205	2,854	3,713	503	511	76
Nondurable goods	8,462	928	501	228	412	1,047	-	141	1,218	2,968	371	638	9
Transportation and public utilities	7,418	803	415	234	262	1,976	-	249	1,306	96	1,611	454	11
Wholesale and retail trade	22,639	1,794	420	99	9,588	2,190	-	4,189	1,458	288	797	1,774	43
Wholesale trade	4,271	471	76	56	1,615	791	-	74	298	115	421	334	21
Retail trade	18,369	1,324	343	43	7,973	1,399	-	4,115	1,160	173	377	1,440	22
Finance, insurance, and real estate	6,721	1,619	146	121	1,571	2,794	-	261	114	11	15	17	49
Services	32,631	3,333	10,026	1,689	635	5,361	1,080	6,959	1,826	695	450	325	251
Private households	1,260	-	17	12	1	17	1,080	64	9	-	5	19	36
Other service industries	31,371	3,333	10,009	1,677	634	5,343	-	6,896	1,817	695	445	306	215
Professional services	21,648	1,961	9,056	1,426	135	3,943	-	4,152	391	188	257	79	62
Public administration	4,826	1,046	621	226	40	1,269	-	1,208	245	29	58	38	46

¹ Includes protective service, not shown separately.

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

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
	Dec. 1983	Dec. 1984	Total		Wage and salary workers ¹			
			Dec. 1983	Dec. 1984	Paid absences		Unpaid absences	
					Dec. 1983	Dec. 1984	Dec. 1983	Dec. 1984
Total, 16 years and over	3,419	3,593	3,250	3,418	1,360	1,424	1,366	1,441
Vacation	1,058	1,044	1,041	1,017	728	756	197	164
Illness	1,219	1,354	1,184	1,313	457	481	634	673
Bad weather	180	189	113	121	(²)	(²)	(²)	(²)
Industrial dispute	43	46	43	46	(²)	(²)	(²)	(²)
All other reasons	920	960	868	921	175	186	535	604
Men, 16 years and over	1,945	1,891	1,808	1,732	834	760	652	641
Vacation	644	615	631	589	488	469	84	72
Illness	713	670	687	636	279	232	364	319
All other reasons ³	588	606	490	507	67	58	204	250
Women, 16 years and over	1,474	1,702	1,442	1,687	526	665	715	799
Vacation	414	429	411	427	240	287	114	92
Illness	506	684	497	677	178	249	270	353
All other reasons ³	555	589	534	581	108	128	331	354

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.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Hours of work	December 1984					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	102,457	2,838	99,619	100.0	100.0	100.0
1 to 34 hours	24,951	900	24,052	24.4	31.7	24.1
1 to 4 hours	811	50	761	.8	1.8	.8
5 to 14 hours	4,642	219	4,423	4.5	7.7	4.4
15 to 29 hours	12,554	446	12,108	12.3	15.7	12.2
30 to 34 hours	6,944	185	6,760	6.8	6.5	6.8
35 hours and over	77,505	1,938	75,568	75.6	68.3	75.9
35 to 39 hours	7,063	143	6,920	6.9	5.0	6.9
40 hours	42,421	561	41,860	41.4	19.8	42.0
41 hours and over	28,021	1,234	26,788	27.3	43.5	26.9
41 to 48 hours	10,624	246	10,378	10.4	8.7	10.4
49 to 59 hours	10,253	384	9,869	10.0	13.5	9.9
60 hours and over	7,144	604	6,541	7.0	21.3	6.6
Average hours, total at work	38.7	41.7	38.6	-	-	-
Average hours, workers on full-time schedules	43.3	48.5	43.2	-	-	-

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 1984					
	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	24,951	6,696	18,255	24,052	6,322	17,729
Economic reasons	5,684	1,737	3,947	5,472	1,640	3,832
Slack work	2,724	1,478	1,246	2,558	1,384	1,174
Material shortages or repairs to plant and equipment	66	66	-	66	66	-
New job started during week	123	123	-	121	121	-
Job terminated during week	71	71	-	70	70	-
Could find only part-time work	2,701	-	2,701	2,658	-	2,658
Other reasons	19,267	4,959	14,308	18,580	4,683	13,897
Does not want, or unavailable for, full-time work	12,262	-	12,262	11,946	-	11,946
Vacation	889	889	-	870	870	-
Illness	1,836	1,667	169	1,801	1,644	157
Bad weather	848	848	-	726	726	-
Industrial dispute	3	3	-	2	2	-
Legal or religious holiday	-	-	-	-	-	-
Full time for this job	1,392	-	1,392	1,360	-	1,360
All other reasons	2,047	1,562	485	1,885	1,450	435
Average hours:						
Economic reasons	22.0	24.4	21.0	22.2	24.7	21.1
Other reasons	20.7	26.3	18.8	20.7	26.5	18.8
Worked 30 to 34 hours:						
Economic reasons	1,795	809	986	1,764	793	971
Other reasons	5,149	2,656	2,493	4,996	2,549	2,447

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

(Numbers in thousands)

Industry	December 1984								
	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	99,619	5,472	13,897	80,250	53,462	10,378	16,410	38.6	43.2
Wage and salary workers	92,066	4,867	12,489	74,710	50,869	9,864	13,977	38.5	42.8
Mining	854	35	15	804	174	112	271	46.4	47.8
Construction	5,280	414	222	4,644	3,319	558	767	39.0	41.6
Manufacturing	20,138	752	672	18,714	12,470	2,957	3,287	41.4	42.8
Durable goods	12,116	305	286	11,525	7,542	1,919	2,064	42.0	43.0
Nondurable goods	8,022	446	386	7,190	4,929	1,038	1,223	40.5	42.6
Transportation and public utilities	6,829	224	381	6,224	4,128	862	1,234	41.4	43.4
Wholesale and retail trade	20,115	1,554	4,802	13,759	8,637	2,077	3,045	36.4	43.6
Finance, insurance, and real estate	5,998	127	534	5,337	3,817	640	880	39.6	42.0
Service industries	28,201	1,681	5,618	20,902	14,807	2,230	3,865	36.4	42.5
Private households	1,223	220	545	458	305	56	97	25.7	44.1
All other industries	26,978	1,461	5,073	20,444	14,502	2,174	3,768	36.9	42.5
Public administration	4,652	79	246	4,327	3,273	428	626	40.4	42.0
Self-employed workers	7,207	581	1,265	5,361	2,475	508	2,378	40.3	48.0
Unpaid family workers	345	24	143	178	117	6	55	33.8	44.2

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Sex, age, race, and marital status	December 1984							
	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	99,619	5,472	13,897	80,250	53,462	26,788	38.6	43.2
16 to 19 years	5,789	554	3,410	1,825	1,407	418	24.4	40.3
16 to 17 years	2,163	78	1,928	157	131	26	16.8	36.3
18 to 19 years	3,626	475	1,483	1,668	1,276	392	28.9	40.7
20 years and over	93,830	4,918	10,487	78,425	52,055	26,370	39.5	43.2
20 to 24 years	13,543	1,139	2,231	10,173	7,301	2,872	36.8	42.1
25 years and over	80,287	3,778	8,256	68,253	44,755	23,498	40.0	43.4
25 to 44 years	52,212	2,460	4,551	45,201	29,141	16,060	40.5	43.5
45 to 64 years	25,648	1,186	2,515	21,947	14,801	7,146	40.0	43.2
65 years and over	2,426	132	1,190	1,104	811	293	27.9	41.3
Men, 16 years and over	54,973	2,430	4,227	48,316	28,800	19,516	41.5	44.5
16 to 19 years	2,860	277	1,614	969	712	257	25.2	40.7
16 to 17 years	1,062	47	923	92	72	20	17.7	38.3
18 to 19 years	1,798	229	691	878	641	237	29.7	40.9
20 years and over	52,113	2,154	2,613	47,346	28,086	19,260	42.4	44.6
20 to 24 years	7,015	549	988	5,478	3,570	1,908	38.4	43.4
25 years and over	45,098	1,606	1,625	41,867	24,516	17,351	43.0	44.8
25 to 44 years	29,146	1,122	592	27,432	15,673	11,759	43.7	45.0
45 to 64 years	14,610	431	445	13,734	8,353	5,381	43.1	44.5
65 years and over	1,342	52	590	700	489	211	29.9	42.0
Women, 16 years and over	44,646	3,042	9,670	31,934	24,662	7,272	35.0	41.1
16 to 19 years	2,929	277	1,797	855	694	161	23.6	39.8
16 to 17 years	1,101	32	1,005	64	58	6	15.9	(¹)
18 to 19 years	1,828	245	792	791	635	156	28.2	40.3
20 years and over	41,716	2,765	7,874	31,077	23,967	7,110	35.8	41.1
20 to 24 years	6,528	590	1,243	4,695	3,732	963	35.1	40.7
25 years and over	35,189	2,175	6,631	26,383	20,237	6,146	35.9	41.2
25 to 44 years	23,066	1,339	3,960	17,767	13,468	4,299	36.6	41.3
45 to 64 years	11,038	755	2,072	8,211	6,447	1,764	35.8	41.0
65 years and over	1,084	80	600	404	323	81	25.5	40.1
RACE								
White, 16 years and over	86,995	4,373	12,638	69,984	45,386	24,598	38.8	43.4
Men	48,642	1,994	3,756	42,892	24,801	18,091	41.8	44.8
Women	38,353	2,379	8,882	27,092	20,584	6,508	34.9	41.2
Black, 16 years and over	9,790	937	907	7,946	6,419	1,527	37.3	41.1
Men	4,788	366	319	4,103	3,110	993	39.1	42.1
Women	5,002	571	588	3,843	3,310	533	35.5	40.1
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	36,500	1,071	1,163	34,266	19,733	14,533	43.5	44.9
Widowed, divorced, or separated	4,955	274	229	4,452	2,698	1,754	42.0	44.3
Single (never married)	13,517	1,086	2,835	9,596	6,367	3,229	36.1	43.2
Women, 16 years and over:								
Married, spouse present	24,961	1,573	5,690	17,698	13,977	3,721	34.8	40.7
Widowed, divorced, or separated	8,537	665	1,036	6,836	4,992	1,844	37.7	41.9
Single (never married)	11,148	803	2,944	7,401	5,693	1,708	33.6	41.2

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

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

(Numbers in thousands)

Occupation and sex	December 1984								
	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	99,501	5,456	13,887	80,158	53,358	10,351	16,450	38.6	43.2
Managerial and professional specialty	24,651	521	2,230	21,900	12,680	2,747	6,474	41.9	44.8
Executive, administrative, and managerial	11,592	159	499	10,934	5,820	1,494	3,620	44.2	45.6
Professional specialty	13,059	362	1,731	10,966	6,860	1,253	2,854	39.8	43.9
Technical, sales, and administrative support	31,981	1,358	5,660	24,963	17,507	3,110	4,347	37.6	42.5
Technicians and related support	3,160	65	370	2,725	2,027	323	375	38.9	42.0
Sales occupations	12,516	751	2,606	9,159	4,995	1,284	2,880	38.7	45.4
Administrative support, including clerical	16,306	542	2,684	13,080	10,485	1,503	1,092	36.5	40.5
Service occupations	13,768	1,557	4,026	8,185	6,132	884	1,169	32.7	42.0
Private household	1,046	177	480	389	264	43	82	25.2	43.6
Protective service	1,624	46	141	1,437	892	204	341	42.0	45.0
Service, except private household and protective	11,098	1,334	3,405	6,359	4,976	637	746	32.1	41.3
Precision production, craft, and repair	12,777	669	487	11,621	7,701	1,645	2,275	41.0	43.1
Operators, fabricators, and laborers	16,323	1,350	1,484	13,489	9,339	1,965	2,185	38.9	42.6
Machine operators, assemblers, and inspectors	7,710	548	301	6,861	4,950	1,079	832	39.9	41.9
Transportation and material moving occupations	4,258	250	342	3,665	2,129	528	1,008	41.8	45.1
Handlers, equipment cleaners, helpers, and laborers	4,356	552	841	2,963	2,259	359	345	34.4	41.1
Men, 16 years and over	54,779	2,405	4,199	48,175	28,660	6,780	12,735	41.6	44.6
Managerial and professional specialty	14,323	225	662	13,436	6,806	1,742	4,888	44.6	46.3
Executive, administrative, and managerial	7,605	94	192	7,319	3,464	985	2,870	45.9	46.8
Professional specialty	6,719	132	470	6,117	3,341	757	2,019	43.1	45.6
Technical, sales, and administrative support	11,415	274	1,095	10,046	5,510	1,498	3,038	42.3	45.5
Technicians and related support	1,686	28	117	1,541	1,056	214	271	41.0	43.2
Sales occupations	6,466	181	669	5,617	2,487	813	2,318	43.9	47.6
Administrative support, including clerical	3,263	65	309	2,889	1,967	471	450	39.7	42.5
Service occupations	5,337	421	1,081	3,835	2,673	476	686	36.5	43.3
Private household	31	12	6	13	9	2	2	(¹)	(¹)
Protective service	1,438	37	95	1,305	793	183	329	43.0	45.3
Service, except private household and protective	3,868	372	980	2,517	1,871	291	355	34.2	42.2
Precision production, craft, and repair	11,716	608	357	10,751	7,020	1,535	2,197	41.3	43.2
Operators, fabricators, and laborers	11,987	877	1,004	10,106	6,652	1,529	1,926	39.7	43.3
Machine operators, assemblers, and inspectors	4,598	228	124	4,245	2,831	750	664	41.2	42.7
Transportation and material moving occupations	3,888	222	232	3,434	1,958	438	977	42.6	45.4
Handlers, equipment cleaners, helpers, and laborers	3,501	427	648	2,427	1,862	281	284	34.5	41.1
Women, 16 years and over	44,722	3,051	9,688	31,983	24,697	3,571	3,715	35.0	41.1
Managerial and professional specialty	10,328	296	1,568	8,464	5,874	1,005	1,585	38.1	42.4
Executive, administrative, and managerial	3,988	66	307	3,615	2,356	509	750	41.0	43.2
Professional specialty	6,340	230	1,261	4,849	3,518	496	835	36.3	41.8
Technical, sales, and administrative support	20,566	1,084	4,565	14,917	11,997	1,612	1,309	34.9	40.5
Technicians and related support	1,474	37	253	1,184	971	109	104	36.4	40.5
Sales occupations	6,049	570	1,938	3,542	2,508	471	562	33.0	41.9
Administrative support, including clerical	13,043	477	2,375	10,191	8,517	1,031	642	35.7	40.0
Service occupations	8,430	1,136	2,944	4,350	3,459	408	484	30.3	40.9
Private household	1,015	165	474	376	255	41	80	25.1	43.4
Protective service	186	9	45	132	99	21	12	34.2	41.4
Service, except private household and protective	7,229	962	2,425	3,843	3,105	346	392	30.9	40.7
Precision production, craft, and repair	1,061	61	130	870	681	110	78	37.3	41.0
Operators, fabricators, and laborers	4,336	474	480	3,382	2,687	436	260	36.6	40.6
Machine operators, assemblers, and inspectors	3,112	320	177	2,615	2,118	329	168	37.9	40.5
Transportation and material moving occupations	370	28	110	231	171	29	31	32.8	40.8
Handlers, equipment cleaners, helpers, and laborers	854	125	193	536	398	78	61	33.8	41.0

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status and sex	1983		1984										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL													
Noninstitutional population ¹	176,809	177,219	177,363	177,510	177,662	177,813	177,974	178,138	178,295	178,483	178,661	178,834	179,004
Labor force ¹	113,925	114,006	114,408	114,592	114,895	115,412	115,309	115,566	115,341	115,484	115,721	115,773	116,162
Percent of population ²	64.4	64.3	64.5	64.6	64.7	64.9	64.8	64.9	64.7	64.7	64.8	64.7	64.9
Total employed ¹	104,717	104,980	105,572	105,809	106,095	106,852	107,081	107,075	106,860	107,114	107,354	107,631	107,971
Employment-population ratio ³	59.2	59.2	59.5	59.6	59.7	60.1	60.2	60.1	59.9	60.0	60.1	60.2	60.3
Resident Armed Forces	1,688	1,686	1,684	1,686	1,693	1,690	1,690	1,698	1,712	1,720	1,705	1,699	1,698
Civilian employed	103,029	103,294	103,888	104,123	104,402	105,162	105,391	105,377	105,148	105,394	105,649	105,932	106,273
Agriculture	3,329	3,294	3,364	3,305	3,379	3,367	3,368	3,333	3,264	3,319	3,169	3,334	3,385
Nonagricultural industries	99,700	100,000	100,524	100,818	101,023	101,795	102,023	102,044	101,884	102,075	102,480	102,598	102,888
Unemployed	9,208	9,026	8,836	8,783	8,800	8,560	8,228	8,491	8,481	8,370	8,367	8,142	8,191
Unemployment rate ⁴	8.1	7.9	7.7	7.7	7.7	7.4	7.1	7.3	7.4	7.2	7.2	7.0	7.1
Not in labor force	62,884	63,213	62,955	62,918	62,767	62,401	62,665	62,572	62,954	62,999	62,940	63,061	62,842
Men													
Noninstitutional population ¹	84,506	84,745	84,811	84,880	84,953	85,024	85,101	85,179	85,257	85,352	85,439	85,523	85,607
Labor force ¹	64,846	64,966	65,081	65,151	65,200	65,304	65,348	65,412	65,357	65,589	65,558	65,657	65,814
Percent of population ²	76.7	76.7	76.7	76.8	76.7	76.8	76.8	76.8	76.7	76.8	76.7	76.8	76.9
Total employed ¹	59,608	59,843	60,113	60,262	60,289	60,578	60,758	60,687	60,766	60,959	61,018	61,155	61,252
Employment-population ratio ³	70.5	70.6	70.9	71.0	71.0	71.2	71.4	71.2	71.3	71.4	71.4	71.5	71.6
Resident Armed Forces	1,537	1,542	1,540	1,542	1,548	1,545	1,545	1,551	1,563	1,571	1,557	1,552	1,550
Civilian employed	58,071	58,301	58,573	58,720	58,741	59,033	59,213	59,136	59,203	59,388	59,461	59,603	59,702
Unemployed	5,238	5,123	4,966	4,889	4,911	4,726	4,590	4,725	4,591	4,630	4,540	4,502	4,562
Unemployment rate ⁴	8.1	7.9	7.6	7.5	7.5	7.2	7.0	7.2	7.0	7.1	6.9	6.9	6.9
Not in labor force	19,660	19,779	19,730	19,729	19,753	19,720	19,753	19,767	19,900	19,763	19,881	19,866	19,793
Women													
Noninstitutional population ¹	92,302	92,474	92,552	92,630	92,709	92,789	92,873	92,958	93,039	93,132	93,222	93,311	93,397
Labor force ¹	49,079	49,040	49,327	49,441	49,695	50,108	49,961	50,154	49,984	49,895	50,163	50,116	50,348
Percent of population ²	53.2	53.0	53.3	53.4	53.6	54.0	53.8	54.0	53.7	53.6	53.8	53.7	53.9
Total employed ¹	45,109	45,137	45,459	45,547	45,806	46,274	46,323	46,388	46,094	46,155	46,336	46,476	46,719
Employment-population ratio ³	48.9	48.8	49.1	49.2	49.4	49.9	49.9	49.9	49.5	49.6	49.7	49.8	50.0
Resident Armed Forces	151	144	144	144	145	145	145	147	149	149	148	147	148
Civilian employed	44,958	44,993	45,315	45,403	45,661	46,129	46,178	46,241	45,945	46,006	46,188	46,329	46,571
Unemployed	3,970	3,903	3,868	3,894	3,889	3,834	3,638	3,766	3,890	3,740	3,827	3,640	3,629
Unemployment rate ⁴	8.1	8.0	7.8	7.9	7.8	7.7	7.3	7.5	7.8	7.5	7.6	7.3	7.2
Not in labor force	43,223	43,434	43,225	43,189	43,014	42,681	42,912	42,804	43,055	43,237	43,059	43,195	43,049

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 1984. See the article in this issue for additional information.

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

(Numbers in thousands)

Employment status, sex, and age	1983		1984										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL													
Civilian noninstitutional population ¹	175,121	175,533	175,679	175,824	175,969	176,123	176,284	176,440	176,583	176,763	176,956	177,135	177,306
Civilian labor force	112,237	112,320	112,724	112,906	113,202	113,722	113,619	113,868	113,629	113,764	114,016	114,074	114,464
Percent of population	64.1	64.0	64.2	64.2	64.3	64.6	64.5	64.5	64.3	64.4	64.4	64.4	64.6
Employed	103,029	103,294	103,888	104,123	104,402	105,162	105,391	105,377	105,148	105,394	105,649	105,932	106,273
Employment-population ratio ²	58.8	58.8	59.1	59.2	59.3	59.7	59.8	59.7	59.5	59.6	59.7	59.8	59.9
Unemployed	9,208	9,026	8,836	8,783	8,800	8,560	8,228	8,491	8,481	8,370	8,367	8,142	8,191
Unemployment rate	8.2	8.0	7.8	7.8	7.8	7.5	7.2	7.5	7.5	7.4	7.3	7.1	7.2
Men, 20 years and over													
Civilian noninstitutional population ¹	75,433	75,692	75,786	75,880	75,973	76,073	76,176	76,269	76,350	76,451	76,565	76,663	76,753
Civilian labor force	59,097	59,285	59,372	59,400	59,474	59,572	59,668	59,730	59,771	59,892	59,913	59,994	60,131
Percent of population	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
Employed	54,715	55,012	55,233	55,352	55,387	55,663	55,861	55,846	55,935	56,075	56,182	56,269	56,372
Employment-population ratio ²	72.5	72.7	72.9	72.9	72.9	73.2	73.3	73.2	73.3	73.3	73.4	73.4	73.4
Agriculture	2,367	2,367	2,399	2,382	2,446	2,443	2,448	2,444	2,406	2,414	2,334	2,434	2,494
Nonagricultural industries	52,348	52,645	52,834	52,970	52,941	53,220	53,413	53,402	53,529	53,661	53,848	53,835	53,878
Unemployed	4,382	4,273	4,139	4,048	4,087	3,909	3,807	3,884	3,836	3,817	3,731	3,725	3,759
Unemployment rate	7.4	7.2	7.0	6.8	6.9	6.6	6.4	6.5	6.4	6.4	6.2	6.2	6.3
Not in labor force	16,336	16,407	16,414	16,480	16,499	16,501	16,508	16,539	16,579	16,559	16,652	16,669	16,622
Women, 20 years and over													
Civilian noninstitutional population ¹	84,666	84,860	84,962	85,064	85,168	85,272	85,380	85,488	85,581	85,688	85,793	85,897	85,995
Civilian labor force	45,099	45,031	45,313	45,482	45,685	46,130	45,958	46,131	46,092	45,950	46,264	46,279	46,463
Percent of population	53.3	53.1	53.3	53.5	53.6	54.1	53.8	54.0	53.9	53.6	53.9	53.9	54.0
Employed	41,872	41,840	42,178	42,334	42,524	43,003	42,986	43,001	42,878	42,906	43,091	43,252	43,511
Employment-population ratio ²	49.5	49.3	49.6	49.8	49.9	50.4	50.3	50.1	50.1	50.1	50.2	50.4	50.6
Agriculture	647	621	627	587	613	603	611	580	573	590	569	580	595
Nonagricultural industries	41,225	41,219	41,551	41,747	41,911	42,400	42,375	42,421	42,305	42,316	42,522	42,672	42,916
Unemployed	3,227	3,191	3,135	3,148	3,161	3,127	2,972	3,130	3,214	3,044	3,173	3,027	2,952
Unemployment rate	7.2	7.1	6.9	6.9	6.9	6.8	6.5	6.8	7.0	6.6	6.9	6.5	6.4
Not in labor force	39,567	39,829	39,649	39,582	39,483	39,142	39,422	39,357	39,489	39,738	39,529	39,618	39,532
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	15,022	14,981	14,931	14,880	14,828	14,778	14,728	14,683	14,653	14,624	14,598	14,575	14,557
Civilian labor force	8,041	8,004	8,039	8,024	8,043	8,020	7,993	8,007	7,766	7,922	7,839	7,801	7,870
Percent of population	53.5	53.4	53.8	53.9	54.2	54.3	54.3	54.5	53.0	54.2	53.7	53.5	54.1
Employed	6,442	6,442	6,477	6,437	6,491	6,496	6,544	6,530	6,335	6,413	6,376	6,411	6,390
Employment-population ratio ²	42.9	43.0	43.4	43.3	43.8	44.0	44.4	44.5	43.2	43.9	43.7	44.0	43.9
Agriculture	315	306	338	336	320	321	309	309	285	315	266	320	296
Nonagricultural industries	6,127	6,136	6,139	6,101	6,171	6,175	6,235	6,221	6,050	6,098	6,110	6,091	6,094
Unemployed	1,599	1,562	1,562	1,587	1,552	1,524	1,449	1,477	1,431	1,509	1,463	1,390	1,480
Unemployment rate	19.9	19.5	19.4	19.8	19.3	19.0	18.1	18.4	18.4	19.0	18.7	17.8	18.8
Not in labor force	6,981	6,977	6,892	6,856	6,785	6,758	6,735	6,676	6,887	6,702	6,759	6,774	6,687

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 1984. 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	1983		1984										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
WHITE													
Civilian noninstitutional population ¹	151,484	151,939	152,079	152,285	152,178	152,229	152,295	152,286	152,402	152,471	152,605	152,659	152,734
Civilian labor force	97,751	97,824	98,121	98,343	98,419	98,749	98,690	98,627	98,223	98,426	98,631	98,630	99,005
Percent of population	64.5	64.4	64.5	64.6	64.7	64.9	64.8	64.8	64.4	64.6	64.6	64.6	64.8
Employed	90,857	91,068	91,494	91,750	91,852	92,330	92,516	92,389	91,951	92,177	92,407	92,587	92,884
Employment-population ratio ²	60.0	59.9	60.2	60.2	60.4	60.7	60.7	60.7	60.3	60.5	60.6	60.6	60.8
Unemployed	6,894	6,756	6,627	6,593	6,567	6,419	6,174	6,238	6,272	6,249	6,224	6,043	6,121
Unemployment rate	7.1	6.9	6.8	6.7	6.7	6.5	6.3	6.3	6.4	6.3	6.3	6.1	6.2
Men, 20 years and over													
Civilian labor force	52,040	52,234	52,289	52,354	52,387	52,387	52,524	52,393	52,392	52,494	52,508	52,586	52,695
Percent of population	78.9	78.8	78.8	78.7	78.8	78.7	78.8	78.6	78.6	78.7	78.6	78.7	78.8
Employed	48,657	48,952	49,098	49,257	49,284	49,397	49,662	49,509	49,497	49,604	49,667	49,745	49,840
Employment-population ratio ²	73.7	73.8	74.0	74.1	74.1	74.2	74.5	74.3	74.3	74.4	74.4	74.5	74.5
Unemployed	3,383	3,282	3,191	3,097	3,103	2,990	2,862	2,884	2,895	2,890	2,841	2,841	2,855
Unemployment rate	6.5	6.3	6.1	5.9	5.9	5.7	5.4	5.5	5.5	5.5	5.4	5.4	5.4
Women, 20 years and over													
Civilian labor force	38,609	38,536	38,753	38,875	38,987	39,331	39,172	39,282	39,130	39,014	39,271	39,237	39,434
Percent of population	52.8	52.6	52.8	52.9	53.1	53.5	53.3	53.4	53.1	52.9	53.2	53.2	53.4
Employed	36,293	36,216	36,484	36,579	36,667	37,041	36,968	36,987	36,827	36,784	36,979	37,063	37,259
Employment-population ratio ²	49.7	49.4	49.7	49.8	49.9	50.4	50.3	50.3	50.0	49.9	50.1	50.2	50.4
Unemployed	2,316	2,320	2,269	2,296	2,320	2,290	2,204	2,295	2,303	2,230	2,292	2,174	2,175
Unemployment rate	6.0	6.0	5.9	5.9	6.0	5.8	5.6	5.8	5.9	5.7	5.8	5.5	5.5
Both sexes, 16 to 19 years													
Civilian labor force	7,102	7,054	7,079	7,114	7,045	7,031	6,994	6,952	6,701	6,918	6,852	6,807	6,876
Percent of population	57.2	57.1	57.5	57.9	57.6	57.8	57.5	57.5	55.5	57.4	56.9	56.6	57.3
Employed	5,907	5,900	5,912	5,914	5,901	5,892	5,886	5,893	5,627	5,789	5,761	5,779	5,785
Employment-population ratio ²	47.6	47.7	48.0	48.2	48.3	48.4	48.5	48.7	46.6	48.0	47.8	48.1	48.2
Unemployed	1,195	1,154	1,167	1,200	1,144	1,139	1,108	1,059	1,074	1,129	1,091	1,028	1,091
Unemployment rate	16.8	16.4	16.5	16.9	16.2	16.2	15.8	15.2	16.0	16.3	15.9	15.1	15.9
Men	17.4	17.7	16.8	17.3	16.8	16.9	16.6	17.4	16.7	17.0	16.6	16.2	16.2
Women	16.1	14.9	16.1	16.4	15.7	15.5	15.1	12.9	15.4	15.5	15.2	13.9	15.5
BLACK													
Civilian noninstitutional population ¹	19,086	19,196	19,222	19,248	19,274	19,302	19,330	19,360	19,386	19,416	19,449	19,481	19,513
Civilian labor force	11,684	11,712	11,890	11,845	11,898	11,968	11,959	12,083	12,142	12,082	12,208	12,276	12,306
Percent of population	61.2	61.0	61.9	61.5	61.7	62.0	61.9	62.4	62.6	62.2	62.8	63.0	63.1
Employed	9,620	9,721	9,928	9,878	9,913	10,053	10,138	10,079	10,222	10,260	10,340	10,426	10,462
Employment-population ratio ²	50.4	50.6	51.6	51.3	51.4	52.1	52.4	52.1	52.7	52.8	53.2	53.5	53.6
Unemployed	2,064	1,991	1,962	1,967	1,985	1,915	1,821	2,004	1,920	1,822	1,868	1,850	1,844
Unemployment rate	17.7	17.0	16.5	16.6	16.7	16.0	15.2	16.6	15.8	15.1	15.3	15.1	15.0
Men, 20 years and over													
Civilian labor force	5,567	5,620	5,685	5,641	5,599	5,660	5,654	5,709	5,718	5,697	5,739	5,729	5,762
Percent of population	74.7	74.8	75.5	74.8	74.1	74.7	74.5	75.1	75.0	74.6	75.0	74.7	74.9
Employed	4,726	4,774	4,854	4,787	4,728	4,850	4,828	4,826	4,914	4,927	4,970	4,998	4,998
Employment-population ratio ²	63.4	63.5	64.5	63.5	62.6	64.0	63.6	63.4	64.5	64.5	64.9	65.1	65.0
Unemployed	841	846	831	854	871	810	826	883	804	770	769	731	764
Unemployment rate	15.1	15.1	14.6	15.1	15.6	14.3	14.6	15.5	14.1	13.5	13.4	12.8	13.3
Women, 20 years and over													
Civilian labor force	5,328	5,313	5,397	5,417	5,459	5,519	5,474	5,525	5,589	5,538	5,601	5,704	5,703
Percent of population	56.4	56.0	56.8	56.9	57.2	57.7	57.1	57.6	58.1	57.5	58.0	59.0	58.9
Employed	4,482	4,537	4,620	4,671	4,717	4,764	4,787	4,763	4,818	4,841	4,851	4,932	4,977
Employment-population ratio ²	47.5	47.8	48.6	49.0	49.4	49.8	50.0	49.6	50.1	50.2	50.3	51.0	51.4
Unemployed	846	776	777	746	742	755	687	762	771	697	750	772	726
Unemployment rate	15.9	14.6	14.4	13.8	13.6	13.7	12.6	13.8	13.8	12.6	13.4	13.5	12.7

See footnotes at end of table.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1983	1984											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	789	779	808	787	840	789	831	849	835	847	868	843	841
Percent of population	35.9	35.5	36.9	36.1	38.6	36.4	38.5	39.4	38.8	39.5	40.5	39.4	39.4
Employed	412	410	454	420	468	439	523	490	490	492	519	496	487
Employment-population ratio ²	18.8	18.7	20.8	19.3	21.5	20.2	24.2	22.7	22.8	22.9	24.2	23.2	22.8
Unemployed	377	369	354	367	372	350	308	359	345	355	349	347	354
Unemployment rate	47.8	47.4	43.8	46.6	44.3	44.4	37.1	42.3	41.3	41.9	40.2	41.2	42.1
Men	45.0	46.6	46.0	44.3	42.9	41.4	38.2	42.3	40.5	41.0	43.8	42.0	43.8
Women	50.8	48.2	41.4	49.4	45.9	48.1	35.8	42.2	42.2	43.0	36.2	40.2	40.1
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	9,735	9,778	9,906	10,080	10,072	10,026	9,824	9,738	9,785	9,713	9,794	9,901	9,959
Civilian labor force	6,256	6,309	6,271	6,410	6,387	6,331	6,304	6,301	6,302	6,345	6,342	6,449	6,529
Percent of population	64.3	64.5	63.3	63.6	63.4	63.1	64.2	64.7	64.4	65.3	64.8	65.1	65.6
Employed	5,535	5,601	5,626	5,692	5,654	5,658	5,660	5,635	5,633	5,675	5,662	5,799	5,865
Employment-population ratio ²	56.9	57.3	56.8	56.5	56.1	56.4	57.6	57.9	57.6	58.4	57.8	58.6	58.9
Unemployed	721	708	645	718	733	673	644	666	669	670	680	650	664
Unemployment rate	11.5	11.2	10.3	11.2	11.5	10.6	10.2	10.6	10.6	10.6	10.7	10.1	10.2

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 1984. See the article in this issue for additional information.

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

(In thousands)

Category	1983	1984											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
CHARACTERISTIC													
Total	103,029	103,294	103,888	104,123	104,402	105,162	105,391	105,377	105,148	105,394	105,649	105,932	106,273
Married men, spouse present	38,525	38,676	38,859	38,895	39,012	39,060	39,060	39,123	39,073	39,071	39,054	39,337	39,443
Married women, spouse present	25,121	24,991	25,244	25,286	25,468	25,658	25,734	25,719	25,772	25,715	25,897	25,995	26,122
Women who maintain families	5,301	5,328	5,373	5,449	5,482	5,606	5,622	5,626	5,496	5,429	5,378	5,396	5,396
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,509	1,468	1,547	1,522	1,627	1,580	1,578	1,519	1,453	1,565	1,511	1,593	1,733
Self-employed workers	1,589	1,608	1,598	1,579	1,545	1,549	1,566	1,557	1,562	1,555	1,487	1,555	1,485
Unpaid family workers	240	234	230	211	215	239	211	220	209	195	187	204	212
Nonagricultural industries:													
Wage and salary workers	91,531	91,812	92,374	92,747	92,908	93,780	93,845	93,768	93,680	94,140	94,415	94,442	94,725
Government	15,547	15,562	15,773	15,765	15,765	15,744	15,713	15,639	15,758	15,881	15,997	15,785	15,858
Private industries	75,984	76,250	76,601	76,982	77,143	78,036	78,132	78,129	77,922	78,259	78,418	78,657	78,867
Private households	1,232	1,216	1,235	1,164	1,280	1,327	1,297	1,238	1,199	1,198	1,213	1,228	1,257
Other industries	74,752	75,034	75,366	75,818	75,863	76,709	76,835	76,891	76,723	77,061	77,205	77,429	77,610
Self-employed workers	7,735	7,863	7,824	7,769	7,812	7,746	7,815	7,744	7,807	7,752	7,782	7,731	7,786
Unpaid family workers	434	361	331	332	341	323	347	318	321	318	314	357	357
PERSONS AT WORKNOTE:													
Nonagricultural industries	94,348	94,773	95,151	95,162	96,274	96,279	96,465	96,668	96,757	96,540	96,767	96,839	97,311
Full-time schedules	76,020	76,389	76,810	77,084	77,785	78,060	78,343	78,503	78,676	78,403	78,592	78,754	78,943
Part time for economic reasons	5,677	5,719	5,697	5,465	5,520	5,377	5,549	5,482	5,384	5,449	5,483	5,413	5,596
Usually work full time	1,662	1,733	1,613	1,519	1,559	1,580	1,643	1,608	1,702	1,649	1,622	1,596	1,625
Usually work part time	4,010	4,081	4,126	3,967	4,006	3,840	3,858	3,771	3,632	3,819	3,874	3,819	3,965
Part time for noneconomic reasons	12,656	12,570	12,602	12,592	12,924	12,799	12,621	12,786	12,747	12,669	12,679	12,670	12,778

NOTE: Seasonally adjusted data have been revised based on the experience through December 1984. 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	1983	1984											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	103,029	103,294	103,888	104,123	104,402	105,162	105,391	105,377	105,148	105,394	105,649	105,932	106,273
16 to 24 years	20,405	20,468	20,604	20,587	20,628	20,786	20,982	20,797	20,349	20,584	20,647	20,721	20,673
16 to 19 years	6,442	6,442	6,477	6,437	6,491	6,496	6,544	6,530	6,335	6,413	6,376	6,411	6,390
16 to 17 years	2,356	2,331	2,350	2,376	2,383	2,462	2,434	2,429	2,336	2,480	2,418	2,415	2,432
18 to 19 years	4,098	4,116	4,133	4,080	4,109	4,038	4,124	4,080	3,923	3,964	3,972	3,968	3,970
20 to 24 years	13,963	14,026	14,127	14,150	14,137	14,290	14,438	14,267	14,014	14,171	14,271	14,310	14,283
25 years and over	82,582	82,796	83,273	83,537	83,778	84,358	84,499	84,625	84,783	84,802	84,995	85,203	85,562
25 to 54 years	68,265	68,615	68,951	69,304	69,539	70,005	70,352	70,392	70,567	70,563	70,859	71,006	71,294
55 years and over	14,315	14,236	14,271	14,237	14,277	14,262	14,206	14,215	14,202	14,255	14,142	14,191	14,252
Men, 16 years and over	58,071	58,301	58,573	58,720	58,741	59,033	59,213	59,136	59,203	59,388	59,461	59,603	59,702
16 to 24 years	10,762	10,755	10,862	10,937	10,938	10,995	11,063	10,853	10,738	10,870	10,882	10,955	10,898
16 to 19 years	3,356	3,289	3,340	3,368	3,354	3,370	3,352	3,290	3,268	3,313	3,279	3,334	3,330
16 to 17 years	1,220	1,222	1,224	1,245	1,225	1,276	1,240	1,211	1,167	1,319	1,249	1,258	1,286
18 to 19 years	2,145	2,065	2,120	2,123	2,129	2,103	2,112	2,065	2,040	2,025	2,039	2,058	2,052
20 to 24 years	7,406	7,466	7,522	7,569	7,584	7,625	7,711	7,563	7,470	7,557	7,603	7,621	7,568
25 years and over	47,269	47,518	47,701	47,782	47,851	48,044	48,211	48,288	48,447	48,513	48,564	48,644	48,770
25 to 54 years	38,802	39,045	39,234	39,393	39,457	39,634	39,863	39,893	40,035	40,109	40,226	40,300	40,384
55 years and over	8,454	8,478	8,445	8,396	8,401	8,387	8,390	8,371	8,394	8,430	8,362	8,341	8,365
Women, 16 years and over	44,958	44,993	45,315	45,403	45,661	46,129	46,178	46,241	45,945	46,006	46,188	46,329	46,571
16 to 24 years	9,643	9,713	9,742	9,650	9,690	9,791	9,919	9,944	9,611	9,714	9,765	9,766	9,775
16 to 19 years	3,086	3,153	3,137	3,069	3,137	3,126	3,192	3,240	3,067	3,100	3,097	3,077	3,060
16 to 17 years	1,136	1,109	1,126	1,131	1,158	1,186	1,194	1,218	1,169	1,161	1,169	1,157	1,146
18 to 19 years	1,953	2,051	2,013	1,957	1,980	1,935	2,012	2,015	1,883	1,939	1,933	1,910	1,918
20 to 24 years	6,557	6,560	6,605	6,581	6,553	6,665	6,727	6,704	6,544	6,614	6,668	6,689	6,715
25 years and over	35,313	35,278	35,572	35,755	35,927	36,314	36,288	36,337	36,336	36,289	36,431	36,559	36,792
25 to 54 years	29,463	29,570	29,717	29,911	30,082	30,371	30,489	30,499	30,532	30,454	30,633	30,706	30,910
55 years and over	5,861	5,758	5,826	5,841	5,876	5,875	5,816	5,844	5,808	5,825	5,780	5,850	5,887

NOTE: Seasonally adjusted data have been revised based on the additional information. experience through December 1984. See the article in this issue for

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

(In thousands)

Sex and age	1983	1984											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	9,208	9,026	8,836	8,783	8,800	8,560	8,228	8,491	8,481	8,370	8,367	8,142	8,191
16 to 24 years	3,552	3,534	3,426	3,457	3,495	3,405	3,199	3,285	3,284	3,336	3,225	3,147	3,230
16 to 19 years	1,599	1,562	1,562	1,587	1,552	1,524	1,449	1,477	1,431	1,509	1,463	1,390	1,480
16 to 17 years	690	667	668	697	676	639	613	635	630	656	613	604	646
18 to 19 years	930	899	894	901	880	879	832	816	784	852	858	802	854
20 to 24 years	1,953	1,972	1,864	1,870	1,943	1,881	1,750	1,808	1,853	1,827	1,762	1,757	1,750
25 years and over	5,667	5,487	5,407	5,317	5,307	5,169	5,069	5,202	5,155	5,070	5,109	4,998	4,965
25 to 54 years	4,944	4,787	4,737	4,657	4,637	4,499	4,342	4,576	4,513	4,421	4,422	4,350	4,354
55 years and over	735	702	652	653	641	670	666	663	672	667	701	649	615
Men, 16 years and over	5,238	5,123	4,968	4,889	4,911	4,726	4,590	4,725	4,591	4,630	4,540	4,502	4,562
16 to 24 years	1,984	1,958	1,871	1,878	1,920	1,828	1,784	1,838	1,788	1,861	1,742	1,735	1,789
16 to 19 years	856	850	829	841	824	817	783	841	755	813	809	777	803
16 to 17 years	374	354	349	372	372	353	358	354	333	350	338	320	318
18 to 19 years	487	497	475	473	457	464	433	469	406	466	476	462	490
20 to 24 years	1,128	1,108	1,042	1,037	1,096	1,011	1,001	997	1,033	1,048	933	958	986
25 years and over	3,275	3,149	3,086	3,001	2,994	2,900	2,806	2,863	2,810	2,805	2,794	2,777	2,785
25 to 54 years	2,802	2,721	2,673	2,575	2,587	2,488	2,405	2,477	2,404	2,393	2,381	2,372	2,393
55 years and over	468	433	403	411	395	407	391	404	408	426	411	409	388
Women, 16 years and over	3,970	3,903	3,868	3,894	3,889	3,834	3,638	3,766	3,890	3,740	3,827	3,640	3,629
16 to 24 years	1,568	1,576	1,555	1,579	1,575	1,577	1,415	1,447	1,496	1,475	1,483	1,412	1,441
16 to 19 years	743	712	733	746	728	707	666	636	676	696	654	613	677
16 to 17 years	316	313	319	325	304	286	255	281	297	306	275	284	328
18 to 19 years	443	392	419	428	423	415	399	347	378	386	382	340	364
20 to 24 years	825	864	822	833	847	870	749	811	820	779	829	799	764
25 years and over	2,392	2,338	2,321	2,316	2,313	2,269	2,263	2,339	2,345	2,265	2,315	2,221	2,180
25 to 54 years	2,142	2,066	2,064	2,082	2,050	2,011	1,937	2,099	2,109	2,028	2,041	1,978	1,961
55 years and over	267	269	249	242	246	263	275	259	264	241	290	240	227

NOTE: Seasonally adjusted data have been revised based on the additional information. experience through December 1984. See the article in this issue for

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

(Civilian workers)

Sex and age	1983	1984											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	8.2	8.0	7.8	7.8	7.8	7.5	7.2	7.5	7.5	7.4	7.3	7.1	7.2
16 to 24 years	14.8	14.7	14.3	14.4	14.5	14.1	13.2	13.6	13.9	13.9	13.5	13.2	13.5
16 to 19 years	19.9	19.5	19.4	19.8	19.3	19.0	18.1	18.4	18.4	19.0	18.7	17.8	18.8
16 to 17 years	22.7	22.2	22.1	22.7	22.1	20.6	20.1	20.7	21.2	20.9	20.2	20.0	21.0
18 to 19 years	18.5	17.8	17.8	18.1	17.6	17.9	16.8	16.7	16.7	17.7	17.8	16.8	17.7
20 to 24 years	12.3	12.3	11.7	11.7	12.1	11.6	10.8	11.2	11.7	11.4	11.0	10.9	10.9
25 years and over	6.4	6.2	6.1	6.0	6.0	5.8	5.7	5.8	5.7	5.6	5.7	5.5	5.5
25 to 54 years	6.8	6.5	6.4	6.3	6.3	6.0	5.8	6.1	6.0	5.9	5.9	5.8	5.8
55 years and over	4.9	4.7	4.4	4.4	4.3	4.5	4.5	4.5	4.5	4.5	4.7	4.4	4.1
Men, 16 years and over	8.3	8.1	7.8	7.7	7.7	7.4	7.2	7.4	7.2	7.2	7.1	7.0	7.1
16 to 24 years	15.6	15.4	14.7	14.7	14.9	14.3	13.9	14.5	14.3	14.6	13.8	13.7	14.1
16 to 19 years	20.3	20.5	19.9	20.0	19.7	19.5	18.9	20.4	18.8	19.7	19.8	18.9	19.4
16 to 17 years	23.5	22.5	22.2	23.0	23.3	21.7	22.4	22.6	22.2	21.0	21.3	20.3	19.8
18 to 19 years	18.5	19.4	18.3	18.2	17.7	18.1	17.0	18.5	16.6	18.7	18.9	18.3	19.3
20 to 24 years	13.2	12.9	12.2	12.0	12.6	11.7	11.5	11.6	12.1	12.2	10.9	11.2	11.5
25 years and over	6.5	6.2	6.1	5.9	5.9	5.7	5.5	5.6	5.5	5.5	5.4	5.4	5.4
25 to 54 years	6.7	6.5	6.4	6.1	6.2	5.9	5.7	5.8	5.7	5.6	5.6	5.6	5.6
55 years and over	5.2	4.9	4.6	4.7	4.5	4.6	4.5	4.6	4.6	4.8	4.7	4.7	4.4
Women, 16 years and over	8.1	8.0	7.9	7.9	7.8	7.7	7.3	7.5	7.8	7.5	7.7	7.3	7.2
16 to 24 years	14.0	14.0	13.8	14.1	14.0	13.9	12.5	12.7	13.5	13.2	13.2	12.6	12.8
16 to 19 years	19.4	18.4	18.9	19.6	18.8	18.4	17.3	16.4	18.1	18.3	17.4	16.6	18.1
16 to 17 years	21.8	22.0	22.1	22.3	20.8	19.4	17.6	18.7	20.3	20.9	19.0	19.7	22.3
18 to 19 years	18.5	16.0	17.2	17.9	17.6	17.7	16.5	14.7	16.7	16.6	16.5	15.1	16.0
20 to 24 years	11.2	11.6	11.1	11.2	11.4	11.5	10.0	10.8	11.1	10.5	11.1	10.7	10.2
25 years and over	6.3	6.2	6.1	6.1	6.0	5.9	5.9	6.0	6.1	5.9	6.0	5.7	5.6
25 to 54 years	6.8	6.5	6.5	6.5	6.4	6.2	6.0	6.4	6.5	6.2	6.2	6.1	6.0
55 years and over	4.4	4.5	4.1	4.0	4.0	4.3	4.5	4.2	4.3	4.0	4.8	3.9	3.7

NOTE: Seasonally adjusted data have been revised based on the experience through December 1984. See the article in this issue for additional information.

A-39. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1983	1984											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
CHARACTERISTIC													
Total (all civilian workers)	8.2	8.0	7.8	7.8	7.8	7.5	7.2	7.5	7.5	7.4	7.3	7.1	7.2
Men, 20 years and over	7.4	7.2	7.0	6.8	6.9	6.6	6.4	6.5	6.4	6.4	6.2	6.2	6.3
Women, 20 years and over	7.2	7.1	6.9	6.9	6.9	6.8	6.5	6.8	7.0	6.6	6.9	6.5	6.4
Both sexes, 16 to 19 years	19.9	19.5	19.4	19.8	19.3	19.0	18.1	18.4	18.4	19.0	18.7	17.8	18.8
White	7.1	6.9	6.8	6.7	6.7	6.5	6.3	6.3	6.4	6.3	6.3	6.1	6.2
Black and other	16.2	15.6	15.0	15.1	15.1	14.3	13.7	14.8	14.3	13.8	13.8	13.7	13.6
Black	17.7	17.0	16.5	16.6	16.7	16.0	15.2	16.6	15.8	15.1	15.3	15.1	15.0
Hispanic origin	11.5	11.2	10.3	11.2	11.5	10.6	10.2	10.6	10.6	10.6	10.7	10.1	10.2
Married men, spouse present	5.2	5.0	4.9	4.7	4.7	4.6	4.6	4.5	4.5	4.6	4.5	4.4	4.4
Married women, spouse present	6.2	6.0	5.9	5.8	5.8	5.8	5.7	5.8	5.8	5.7	5.7	5.4	5.4
Women who maintain families	10.9	10.7	10.8	10.8	10.5	10.0	9.8	9.8	10.3	10.1	10.4	10.8	9.6
Full-time workers	8.0	7.8	7.6	7.5	7.5	7.2	6.7	7.2	7.1	7.1	7.1	6.9	6.9
Part-time workers	9.7	9.4	9.4	9.3	9.3	9.4	10.0	9.6	9.6	9.3	9.1	8.6	8.8
Unemployed 15 weeks and over ¹	3.0	2.8	2.7	2.6	2.5	2.5	2.3	2.3	2.3	2.3	2.2	2.1	2.1
Labor force time lostNOTE:	9.4	9.1	9.0	8.9	8.8	8.6	8.4	8.5	8.5	8.5	8.4	8.2	8.3
INDUSTRY													
Nonagricultural private wage and salary workers	8.3	7.9	7.8	7.7	7.7	7.3	7.0	7.4	7.4	7.3	7.2	7.2	7.2
Mining	12.6	11.3	11.8	10.8	10.1	8.8	7.5	7.7	10.2	8.6	10.5	11.7	10.7
Construction	16.3	15.2	14.9	13.6	14.4	14.7	14.6	14.6	14.1	13.9	13.7	14.2	13.7
Manufacturing	8.3	8.2	7.7	7.6	7.7	7.2	7.3	7.5	7.4	7.4	7.3	7.2	7.2
Durable goods	8.3	8.0	7.5	7.7	7.5	7.1	7.2	6.9	6.9	6.9	6.9	7.0	7.1
Nondurable goods	8.3	8.6	8.0	7.5	8.0	7.3	7.5	8.5	8.1	8.1	7.8	7.4	7.2
Transportation and public utilities	6.4	5.2	5.9	5.4	5.5	5.7	5.3	5.9	5.9	5.9	5.3	5.2	5.0
Wholesale and retail trade	8.7	8.4	8.3	8.2	8.7	8.0	7.3	7.8	7.7	8.0	7.9	7.6	7.5
Finance and service industries	6.5	6.2	6.3	6.3	6.1	5.7	5.5	5.9	6.0	5.6	5.7	5.8	5.9
Agricultural wage and salary workers	15.3	15.1	14.1	14.6	12.7	13.8	12.3	14.3	13.1	14.7	13.7	11.2	12.2

¹ Unemployment as a percent of the civilian labor force.

NOTE: Seasonally adjusted data have been revised based on the

experience through December 1984. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Weeks of unemployment	1983	1984											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
DURATION													
Less than 5 weeks	3,393	3,298	3,359	3,378	3,407	3,275	3,229	3,409	3,513	3,313	3,395	3,352	3,282
5 to 14 weeks	2,499	2,529	2,482	2,514	2,485	2,440	2,303	2,449	2,406	2,533	2,406	2,324	2,516
15 weeks and over	3,351	3,201	3,002	2,894	2,842	2,833	2,630	2,672	2,621	2,605	2,527	2,428	2,374
15 to 26 weeks	1,276	1,194	1,172	1,122	1,102	1,173	1,012	1,088	1,116	1,106	1,092	990	972
27 weeks and over	2,075	2,007	1,830	1,772	1,740	1,660	1,618	1,584	1,505	1,499	1,435	1,438	1,402
Average (mean) duration, in weeks	19.6	19.9	19.0	18.9	18.7	18.5	18.1	18.0	17.6	17.3	16.7	17.4	17.3
Median duration, in weeks	8.9	8.9	8.4	8.4	8.1	8.3	7.5	7.6	7.6	7.6	7.3	7.3	7.4
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	36.7	36.5	38.0	38.4	39.0	38.3	39.6	40.0	41.1	39.2	40.8	41.4	40.2
5 to 14 weeks	27.0	28.0	28.1	28.6	28.5	28.5	28.2	28.7	28.2	30.0	28.9	28.7	30.8
15 weeks and over	36.3	35.5	33.9	32.9	32.5	33.1	32.2	31.3	30.7	30.8	30.3	30.0	29.1
15 to 26 weeks	13.8	13.2	13.3	12.8	12.6	13.7	12.4	12.8	13.1	13.1	13.1	12.2	11.9
27 weeks and over	22.4	22.2	20.7	20.2	19.9	19.4	19.8	18.6	17.6	17.7	17.2	17.7	17.2

NOTE: Seasonally adjusted data have been revised based on the additional information. experience through December 1984. See the article in this issue for

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

(Numbers in thousands)

Reasons for unemployment	1983	1984											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
NUMBER OF UNEMPLOYED													
Job losers	5,039	4,829	4,739	4,622	4,531	4,373	4,271	4,475	4,227	4,188	4,261	4,141	4,176
On layoff	1,304	1,257	1,271	1,248	1,117	1,187	1,162	1,165	1,146	1,110	1,151	1,068	1,070
Other job losers	3,735	3,572	3,468	3,374	3,414	3,186	3,109	3,310	3,081	3,078	3,110	3,073	3,106
Job leavers	836	810	786	777	792	812	809	850	833	841	829	869	858
Reentrants	2,205	2,199	2,171	2,208	2,301	2,184	1,989	2,111	2,294	2,254	2,150	2,161	2,218
New entrants	1,170	1,185	1,102	1,200	1,197	1,170	1,134	1,092	1,088	1,057	1,060	1,024	1,011
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	54.5	53.5	53.9	52.5	51.4	51.2	52.1	52.5	50.1	50.2	51.3	50.5	50.5
On layoff	14.1	13.9	14.4	14.2	12.7	13.9	14.2	13.7	13.6	13.3	13.9	13.0	12.9
Other job losers	40.4	39.6	39.4	38.3	38.7	37.3	37.9	38.8	36.5	36.9	37.5	37.5	37.6
Job leavers	9.0	9.0	8.9	8.8	9.0	9.5	9.9	10.0	9.9	10.1	10.0	10.6	10.4
Reentrants	23.8	24.4	24.7	25.1	26.1	25.6	24.2	24.8	27.2	27.0	25.9	26.4	26.8
New entrants	12.6	13.1	12.5	13.6	13.6	13.7	13.8	12.8	12.9	12.7	12.8	12.5	12.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	4.5	4.3	4.2	4.1	4.0	3.8	3.8	3.9	3.7	3.7	3.7	3.6	3.6
Job leavers .....	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.8	.7
Reentrants	2.0	2.0	1.9	2.0	2.0	1.9	1.8	1.9	2.0	2.0	1.9	1.9	1.9
New entrants	1.0	1.1	1.0	1.1	1.1	1.0	1.0	1.0	1.0	.9	.9	.9	.9

NOTE: Seasonally adjusted data have been revised based on the additional information. experience through December 1984. See the article in this issue for

**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	1981				1982				1983				1984			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV			
TOTAL																
Noninstitutional population ¹	172,649	173,161	173,686	174,200	174,710	175,170	175,626	176,129	176,639	177,364	177,816	178,305	178,834			
Labor force ¹	110,708	111,088	111,784	112,194	112,556	112,391	112,841	113,732	113,790	114,335	115,205	115,464	115,885			
Percent of population ²	64.1	64.2	64.4	64.4	64.4	64.2	64.3	64.6	64.4	64.5	64.8	64.8	64.8			
Total employed ¹	101,728	101,417	101,368	101,209	100,785	100,892	101,559	103,262	104,280	105,454	106,676	107,016	107,652			
Employment-population ratio ³	58.9	58.6	58.4	58.1	57.7	57.6	57.8	58.6	59.0	59.5	60.0	60.0	60.2			
Resident Armed Forces	1,659	1,664	1,666	1,678	1,664	1,665	1,669	1,680	1,689	1,685	1,691	1,710	1,701			
Civilian employed	100,069	99,753	99,702	99,531	99,121	99,227	99,889	101,582	102,591	103,768	104,985	105,306	105,951			
Agriculture	3,345	3,385	3,377	3,393	3,457	3,412	3,397	3,426	3,287	3,321	3,371	3,305	3,296			
Nonagricultural industries	96,725	96,368	96,326	96,139	95,663	95,815	96,493	98,156	99,304	100,447	101,614	102,001	102,655			
Unemployed	8,979	9,670	10,416	10,984	11,772	11,500	11,282	10,470	9,509	8,882	8,529	8,447	8,233			
Unemployment rate ⁴	8.1	8.7	9.3	9.8	10.5	10.2	10.0	9.2	8.4	7.8	7.4	7.3	7.1			
Not in labor force	61,941	62,073	61,902	62,006	62,154	62,779	62,785	62,397	62,850	63,029	62,611	62,841	62,948			
Men																
Noninstitutional population ¹	82,442	82,678	82,926	83,167	83,435	83,720	83,934	84,178	84,424	84,812	85,026	85,263	85,523			
Labor force ¹	63,568	63,719	63,969	64,047	64,293	64,062	64,448	64,854	64,813	65,066	65,284	65,453	65,676			
Percent of population ²	77.1	77.1	77.1	77.0	77.1	76.5	76.8	77.0	76.8	76.7	76.8	76.8	76.8			
Total employed ¹	58,531	58,197	57,978	57,637	57,381	57,354	57,828	58,723	59,333	60,073	60,542	60,804	61,142			
Employment-population ratio ³	71.0	70.4	69.9	69.3	68.8	68.5	68.9	69.8	70.3	70.8	71.2	71.3	71.5			
Resident Armed Forces	1,525	1,526	1,527	1,538	1,523	1,529	1,528	1,536	1,538	1,541	1,546	1,562	1,553			
Civilian employed	57,006	56,671	56,451	56,099	55,858	55,825	56,301	57,187	57,795	58,531	58,996	59,242	59,589			
Unemployed	5,037	5,522	5,991	6,410	6,912	6,708	6,620	6,131	5,480	4,993	4,742	4,649	4,535			
Unemployment rate ⁴	7.9	8.7	9.4	10.0	10.8	10.5	10.3	9.5	8.5	7.7	7.3	7.1	6.9			
Not in labor force	18,874	18,959	18,957	19,120	19,142	19,658	19,485	19,324	19,611	19,746	19,742	19,810	19,847			
Women																
Noninstitutional population ¹	90,207	90,482	90,759	91,033	91,274	91,450	91,693	91,952	92,215	92,552	92,790	93,043	93,311			
Labor force ¹	47,139	47,368	47,814	48,147	48,264	48,329	48,393	48,878	48,976	49,269	49,921	50,011	50,209			
Percent of population ²	52.3	52.4	52.7	52.9	52.9	52.8	52.8	53.2	53.1	53.2	53.8	53.8	53.8			
Total employed ¹	43,197	43,219	43,390	43,572	43,404	43,537	43,730	44,539	44,947	45,381	46,134	46,212	46,510			
Employment-population ratio ³	47.9	47.8	47.8	47.9	47.6	47.6	47.7	48.4	48.7	49.0	49.7	49.7	49.8			
Resident Armed Forces	134	137	138	140	141	136	142	144	151	144	145	148	148			
Civilian employed	43,063	43,082	43,252	43,432	43,263	43,401	43,589	44,395	44,796	45,237	45,989	46,064	46,363			
Unemployed	3,942	4,149	4,425	4,574	4,860	4,792	4,662	4,339	4,029	3,888	3,787	3,799	3,699			
Unemployment rate ⁴	8.4	8.8	9.3	9.5	10.1	9.9	9.6	8.9	8.2	7.9	7.6	7.6	7.4			
Not in labor force	43,068	43,114	42,945	42,886	43,010	43,121	43,300	43,074	43,239	43,283	42,869	43,032	43,102			

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 1984. 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	1981				1982				1983				1984			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV			
TOTAL																
Civilian noninstitutional population ¹	170,990	171,497	172,020	172,522	173,046	173,505	173,957	174,449	174,950	175,679	176,125	176,595	177,133			
Civilian labor force	109,049	109,424	110,118	110,516	110,892	110,726	111,172	112,052	112,100	112,650	113,514	113,754	114,185			
Percent of population	63.8	63.8	64.0	64.1	64.1	63.8	63.9	64.2	64.1	64.1	64.5	64.4	64.5			
Employed	100,069	99,753	99,702	99,531	99,121	99,227	99,889	101,582	102,591	103,768	104,985	105,306	105,951			
Employment-population ratio ²	58.5	58.2	58.0	57.7	57.3	57.2	57.4	58.2	58.6	59.1	59.6	59.6	59.8			
Unemployed	8,979	9,670	10,416	10,984	11,772	11,500	11,282	10,470	9,509	8,882	8,529	8,447	8,233			
Unemployment rate	8.2	8.8	9.5	9.9	10.6	10.4	10.1	9.3	8.5	7.9	7.5	7.4	7.2			
Men, 20 years and over																
Civilian noninstitutional population ¹	72,912	73,205	73,492	73,775	74,105	74,434	74,712	75,018	75,325	75,786	76,074	76,356	76,660			
Civilian labor force	57,380	57,599	57,957	58,125	58,356	58,198	58,626	58,977	59,048	59,352	59,571	59,798	60,013			
Percent of population	78.7	78.7	78.9	78.8	78.7	78.2	78.5	78.6	78.4	78.3	78.3	78.3	78.3			
Employed	53,334	53,128	53,054	52,810	52,570	52,550	53,048	53,867	54,457	55,199	55,637	55,952	56,274			
Employment-population ratio ²	73.1	72.6	72.2	71.6	70.9	70.6	71.0	71.8	72.3	72.8	73.1	73.3	73.4			
Agriculture	2,384	2,402	2,420	2,423	2,444	2,426	2,443	2,476	2,367	2,383	2,446	2,421	2,421			
Nonagricultural industries	50,950	50,726	50,635	50,388	50,127	50,124	50,605	51,390	52,090	52,816	53,191	53,531	53,854			
Unemployed	4,046	4,471	4,903	5,315	5,786	5,648	5,578	5,110	4,592	4,153	3,934	3,846	3,738			
Unemployment rate	7.1	7.8	8.5	9.1	9.9	9.7	9.5	8.7	7.8	7.0	6.6	6.4	6.2			
Not in labor force	15,532	15,606	15,535	15,650	15,749	16,236	16,086	16,041	16,277	16,434	16,503	16,558	16,647			
Women, 20 years and over																
Civilian noninstitutional population ¹	82,036	82,368	82,703	83,037	83,346	83,594	83,900	84,227	84,554	84,962	85,273	85,586	85,895			
Civilian labor force	42,920	43,160	43,613	43,937	44,100	44,277	44,371	44,850	45,034	45,275	45,924	46,058	46,335			
Percent of population	52.3	52.4	52.7	52.9	52.9	53.0	52.9	53.2	53.3	53.3	53.9	53.8	53.9			
Employed	39,820	39,881	40,051	40,273	40,141	40,332	40,584	41,329	41,764	42,117	42,838	42,928	43,285			
Employment-population ratio ²	48.5	48.4	48.4	48.5	48.2	48.2	48.4	49.1	49.4	49.6	50.2	50.2	50.4			
Agriculture	614	614	597	598	602	630	613	611	633	612	609	581	581			
Nonagricultural industries	39,206	39,267	39,454	39,675	39,539	39,702	39,971	40,719	41,131	41,506	42,229	42,347	42,703			
Unemployed	3,101	3,279	3,562	3,664	3,959	3,945	3,787	3,520	3,270	3,158	3,087	3,129	3,051			
Unemployment rate	7.2	7.6	8.2	8.3	9.0	8.9	8.5	7.8	7.3	7.0	6.7	6.8	6.6			
Not in labor force	39,116	39,208	39,090	39,100	39,246	39,317	39,529	39,377	39,520	39,687	39,349	39,528	39,560			
Both sexes, 16 to 19 years																
Civilian noninstitutional population ¹	16,042	15,923	15,825	15,709	15,595	15,477	15,345	15,205	15,071	14,931	14,778	14,653	14,577			
Civilian labor force	8,749	8,665	8,548	8,453	8,436	8,251	8,175	8,225	8,018	8,022	8,019	7,898	7,837			
Percent of population	54.5	54.4	54.0	53.8	54.1	53.3	53.3	54.1	53.2	53.7	54.3	53.9	53.8			
Employed	6,916	6,745	6,597	6,448	6,409	6,344	6,258	6,386	6,371	6,452	6,510	6,426	6,392			
Employment-population ratio ²	43.1	42.4	41.7	41.0	41.1	41.0	40.8	42.0	42.3	43.2	44.1	43.9	43.9			
Agriculture	347	369	360	372	412	356	341	339	287	327	317	303	294			
Nonagricultural industries	6,569	6,375	6,237	6,076	5,997	5,988	5,917	6,047	6,083	6,125	6,194	6,123	6,098			
Unemployed	1,833	1,920	1,951	2,006	2,027	1,907	1,917	1,839	1,647	1,570	1,508	1,472	1,444			
Unemployment rate	21.0	22.2	22.8	23.7	24.0	23.1	23.4	22.4	20.5	19.6	18.8	18.6	18.4			
Not in labor force	7,293	7,258	7,277	7,256	7,159	7,226	7,170	6,980	7,053	6,909	6,759	6,755	6,740			

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 1984. 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	1981		1982				1983				1984			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
WHITE														
Civilian noninstitutional population ¹	148,650	148,943	149,309	149,586	149,927	150,233	150,666	150,994	151,327	152,101	152,234	152,386	152,666	
Civilian labor force	95,345	95,568	96,214	96,358	96,567	96,231	96,688	97,424	97,620	98,096	98,619	98,425	98,755	
Percent of population	64.1	64.2	64.4	64.4	64.4	64.1	64.2	64.5	64.5	64.5	64.8	64.6	64.7	
Employed	88,472	88,121	88,159	87,869	87,460	87,422	88,126	89,526	90,467	91,437	92,233	92,172	92,626	
Employment-population ratio ²	59.5	59.2	59.0	58.7	58.3	58.2	58.5	59.3	59.8	60.1	60.6	60.5	60.7	
Unemployed	6,873	7,447	8,055	8,488	9,107	8,809	8,562	7,898	7,153	6,659	6,387	6,253	6,129	
Unemployment rate	7.2	7.8	8.4	8.8	9.4	9.2	8.9	8.1	7.3	6.8	6.5	6.4	6.2	
Men, 20 years and over														
Civilian labor force	50,798	50,950	51,239	51,318	51,418	51,215	51,654	51,889	52,004	52,292	52,433	52,426	52,596	
Percent of population	79.2	79.2	79.4	79.2	79.2	78.6	78.8	79.0	78.9	78.7	78.8	78.6	78.7	
Employed	47,664	47,459	47,377	47,116	46,890	46,798	47,305	47,913	48,441	49,102	49,448	49,537	49,751	
Employment-population ratio ²	74.3	73.8	73.4	72.7	72.2	71.8	72.2	72.9	73.5	73.9	74.3	74.3	74.5	
Unemployed	3,134	3,491	3,862	4,203	4,528	4,417	4,349	3,976	3,563	3,190	2,985	2,890	2,846	
Unemployment rate	6.2	6.9	7.5	8.2	8.8	8.6	8.4	7.7	6.9	6.1	5.7	5.5	5.4	
Women, 20 years and over														
Civilian labor force	36,784	36,983	37,381	37,608	37,732	37,730	37,857	38,320	38,546	38,721	39,163	39,142	39,314	
Percent of population	51.7	51.8	52.2	52.4	52.4	52.2	52.3	52.7	52.8	52.8	53.3	53.1	53.3	
Employed	34,479	34,520	34,715	34,860	34,735	34,830	35,096	35,769	36,190	36,426	36,892	36,866	37,100	
Employment-population ratio ²	48.5	48.4	48.5	48.6	48.2	48.2	48.4	49.2	49.6	49.6	50.2	50.1	50.3	
Unemployed	2,305	2,463	2,667	2,748	2,997	2,900	2,761	2,551	2,357	2,295	2,271	2,276	2,214	
Unemployment rate	6.3	6.7	7.1	7.3	7.9	7.7	7.3	6.7	6.1	5.9	5.8	5.8	5.6	
Both sexes, 16 to 19 years														
Civilian labor force	7,763	7,634	7,594	7,432	7,417	7,286	7,178	7,214	7,070	7,082	7,023	6,857	6,845	
Percent of population	58.1	57.7	57.8	57.1	57.4	56.8	56.5	57.5	56.9	57.5	57.7	56.8	56.9	
Employed	6,329	6,142	6,067	5,894	5,836	5,794	5,725	5,844	5,836	5,909	5,893	5,770	5,775	
Employment-population ratio ²	47.4	46.4	46.2	45.3	45.2	45.1	46.6	46.9	48.0	48.0	48.4	47.8	48.0	
Unemployed	1,434	1,492	1,527	1,538	1,581	1,492	1,452	1,371	1,233	1,174	1,130	1,087	1,070	
Unemployment rate	18.5	19.5	20.1	20.7	21.3	20.5	20.2	19.0	17.4	16.6	16.1	15.9	15.6	
Men	19.1	20.6	21.6	22.3	22.6	21.9	20.8	19.9	18.2	17.3	16.7	17.0	16.3	
Women	17.8	18.4	18.5	19.0	20.0	18.9	19.6	18.0	16.6	15.8	15.4	14.6	14.9	
BLACK														
Civilian noninstitutional population ¹	18,363	18,450	18,541	18,628	18,719	18,796	18,881	18,968	19,057	19,222	19,303	19,387	19,481	
Civilian labor force	11,226	11,235	11,231	11,363	11,509	11,578	11,651	11,715	11,632	11,816	11,942	12,102	12,263	
Percent of population	61.1	60.9	60.6	61.0	61.5	61.6	61.7	61.8	61.0	61.5	61.9	62.4	63.0	
Employed	9,330	9,253	9,161	9,192	9,155	9,219	9,261	9,460	9,560	9,842	10,035	10,187	10,409	
Employment-population ratio ²	50.8	50.2	49.4	49.3	48.9	49.0	49.9	50.2	51.2	52.0	52.5	53.4		
Unemployed	1,896	1,982	2,070	2,171	2,354	2,359	2,390	2,255	2,072	1,973	1,907	1,915	1,854	
Unemployment rate	16.9	17.6	18.4	19.1	20.5	20.4	20.5	19.3	17.8	16.7	16.0	15.8	15.1	
Men, 20 years and over														
Civilian labor force	5,287	5,307	5,337	5,372	5,468	5,462	5,526	5,581	5,548	5,649	5,638	5,708	5,743	
Percent of population	74.7	74.5	74.5	74.5	75.4	74.9	75.3	75.6	74.6	75.0	74.4	74.9	74.8	
Employed	4,472	4,432	4,440	4,410	4,377	4,398	4,457	4,589	4,677	4,805	4,802	4,889	4,989	
Employment-population ratio ²	63.2	62.2	62.0	61.2	60.4	60.3	60.8	62.1	62.9	63.8	63.4	64.2	65.0	
Unemployed	815	875	897	962	1,091	1,065	1,068	992	871	844	836	819	755	
Unemployment rate	15.4	16.5	16.8	17.9	20.0	19.5	19.3	17.8	15.7	14.9	14.8	14.3	13.1	
Women, 20 years and over														
Civilian labor force	5,089	5,078	5,108	5,167	5,208	5,320	5,288	5,322	5,298	5,376	5,484	5,551	5,669	
Percent of population	56.5	56.0	56.0	56.3	56.5	57.4	56.8	56.8	56.2	56.5	57.4	57.7	58.6	
Employed	4,381	4,352	4,328	4,361	4,349	4,392	4,384	4,466	4,472	4,609	4,756	4,807	4,920	
Employment-population ratio ²	48.6	48.0	47.5	47.5	47.1	47.4	47.1	47.7	47.5	48.5	49.7	50.0	50.9	
Unemployed	708	726	780	806	860	927	904	856	825	766	728	743	749	
Unemployment rate	13.9	14.3	15.3	15.6	16.5	17.4	17.1	16.1	15.6	14.3	13.3	13.4	13.2	

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	1981	1982				1983				1984			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	850	850	786	824	832	796	837	813	786	791	820	844	851
Percent of population	37.4	37.6	34.8	36.7	37.1	35.4	37.5	36.6	35.7	36.2	37.8	39.2	39.8
Employed	477	469	393	421	429	429	420	405	411	428	477	491	501
Employment-population ratio ²	21.0	20.7	17.4	18.8	19.1	19.1	18.8	18.2	18.7	19.6	22.0	22.8	23.4
Unemployed	373	381	393	403	403	367	417	408	375	363	343	353	350
Unemployment rate	43.9	44.8	50.0	48.9	48.4	46.1	49.8	50.2	47.7	45.9	41.9	41.8	41.1
Men	40.9	44.0	51.7	48.8	50.9	46.8	51.5	51.9	44.6	45.6	40.9	41.3	43.2
Women	47.1	45.9	47.9	48.9	45.6	45.2	48.0	48.3	51.2	46.2	43.0	42.5	38.8
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	9,545	9,346	9,320	9,558	9,377	9,416	9,717	9,677	9,719	9,921	9,974	9,745	9,885
Civilian labor force	6,127	6,023	5,952	6,004	5,970	5,987	6,177	6,167	6,226	6,330	6,341	6,316	6,440
Percent of population	64.2	64.4	63.9	62.8	63.7	63.6	63.6	63.7	64.1	63.8	63.6	64.8	65.1
Employed	5,446	5,289	5,151	5,140	5,058	5,054	5,295	5,383	5,476	5,640	5,657	5,648	5,775
Employment-population ratio ²	57.1	56.6	55.3	53.8	53.9	53.7	54.5	55.6	56.3	56.8	56.7	58.0	58.4
Unemployed	682	734	801	864	912	933	882	784	750	690	683	668	665
Unemployment rate	11.1	12.2	13.5	14.4	15.3	15.6	14.3	12.7	12.1	10.9	10.8	10.6	10.3

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 1984. See the article in this issue for additional information.

A-45. Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted

(Numbers in thousands)

Full- and part-time status, sex and age	1981	1982				1983				1984			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
FULL TIME													
Total:													
Civilian labor force	93,505	93,622	94,106	94,503	95,087	94,993	95,501	96,049	96,256	96,832	97,529	97,749	98,335
Employed ¹	86,008	85,565	85,359	85,220	85,010	85,172	85,982	87,177	88,283	89,447	90,541	90,791	91,498
Unemployed	7,497	8,057	8,747	9,283	10,077	9,821	9,520	8,872	7,973	7,385	6,988	6,958	6,837
Unemployment rate	8.0	8.6	9.3	9.8	10.6	10.3	10.0	9.2	8.3	7.6	7.2	7.1	7.0
Men, 20 years and over:													
Civilian labor force	54,527	54,599	54,948	55,043	55,346	55,048	55,589	55,841	55,924	56,251	56,524	56,724	56,844
Employed ¹	50,702	50,380	50,311	49,998	49,807	49,685	50,308	51,005	51,583	52,346	52,856	53,114	53,347
Unemployed	3,825	4,219	4,637	5,045	5,539	5,362	5,280	4,835	4,341	3,905	3,668	3,610	3,498
Unemployment rate	7.0	7.7	8.4	9.2	10.0	9.7	9.5	8.7	7.8	6.9	6.5	6.4	6.2
Women, 20 years and over:													
Civilian labor force	34,341	34,448	34,822	35,117	35,321	35,613	35,632	36,004	36,162	36,483	36,965	37,107	37,446
Employed ¹	31,731	31,727	31,850	32,055	31,961	32,282	32,474	33,032	33,458	33,857	34,429	34,545	34,946
Unemployed	2,611	2,721	2,972	3,062	3,360	3,331	3,158	2,972	2,705	2,626	2,537	2,562	2,500
Unemployment rate	7.6	7.9	8.5	8.7	9.5	9.4	8.9	8.3	7.5	7.2	6.9	6.9	6.7
Both sexes, 16 to 19 years:													
Civilian labor force	4,637	4,575	4,336	4,344	4,420	4,332	4,281	4,204	4,169	4,098	4,040	3,918	4,045
Employed ¹	3,576	3,458	3,198	3,167	3,242	3,205	3,200	3,140	3,242	3,244	3,256	3,132	3,205
Unemployed	1,061	1,117	1,138	1,176	1,178	1,128	1,081	1,064	927	854	783	786	839
Unemployment rate	22.9	24.4	26.2	27.1	26.7	26.0	25.3	25.3	22.2	20.8	19.4	20.1	20.8
PART TIME													
Total:													
Civilian labor force	15,592	15,787	16,014	16,020	15,848	15,717	15,645	16,008	15,891	15,846	15,952	15,954	15,883
Employed ¹	14,089	14,187	14,370	14,299	14,118	14,053	13,919	14,389	14,336	14,363	14,430	14,441	14,480
Unemployed	1,503	1,600	1,643	1,722	1,730	1,663	1,726	1,619	1,556	1,483	1,522	1,513	1,403
Unemployment rate	9.6	10.1	10.3	10.7	10.9	10.6	11.0	10.1	9.8	9.4	9.5	9.5	8.8
Men, 20 years and over:													
Civilian labor force	2,875	2,965	3,027	3,099	3,030	3,103	3,055	3,146	3,130	3,085	3,074	3,053	3,163
Employed ¹	2,637	2,719	2,777	2,827	2,756	2,823	2,778	2,870	2,866	2,837	2,815	2,816	2,917
Unemployed	239	246	250	271	275	280	276	276	264	248	259	237	245
Unemployment rate	8.3	8.3	8.3	8.8	9.1	9.0	9.0	8.8	8.4	8.0	8.4	7.8	7.8
Women, 20 years and over:													
Civilian labor force	8,578	8,737	8,756	8,833	8,776	8,693	8,699	8,857	8,867	8,830	8,921	8,942	8,891
Employed ¹	8,090	8,180	8,177	8,212	8,176	8,081	8,083	8,293	8,302	8,302	8,378	8,360	8,343
Unemployed	488	557	579	621	601	612	616	564	565	528	542	582	547
Unemployment rate	5.7	6.4	6.6	7.0	6.8	7.0	7.1	6.4	6.4	6.0	6.1	6.5	6.2
Both sexes, 16 to 19 years:													
Civilian labor force	4,139	4,086	4,230	4,089	4,041	3,921	3,891	4,005	3,894	3,930	3,957	3,959	3,830
Employed ¹	3,362	3,288	3,416	3,259	3,187	3,150	3,057	3,226	3,168	3,223	3,237	3,265	3,220
Unemployed	777	798	814	830	855	772	834	779	726	707	720	694	610
Unemployment rate	18.8	19.5	19.2	20.3	21.1	19.7	21.4	19.5	18.7	18.0	18.2	17.5	15.9

¹ Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

NOTE: Data have been revised based on the experience through December 1984. 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	1981				1982				1983				1984			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV			
CHARACTERISTIC																
Total	100,069	99,753	99,702	99,531	99,121	99,227	99,889	101,582	102,591	103,768	104,985	105,306	105,951			
Married men, spouse present	38,574	38,313	38,249	38,058	37,676	37,491	37,662	38,289	38,416	38,810	39,044	39,089	39,278			
Married women, spouse present	23,806	23,879	24,131	24,152	24,046	24,201	24,335	24,823	25,038	25,174	25,620	25,735	26,005			
Women who maintain families	5,078	5,116	5,069	5,153	5,059	5,065	4,964	5,078	5,257	5,383	5,570	5,517	5,390			
MAJOR INDUSTRY AND CLASS OF WORKER																
Agriculture:																
Wage and salary workers	1,445	1,425	1,463	1,523	1,600	1,602	1,573	1,619	1,510	1,512	1,595	1,512	1,612			
Self-employed workers	1,632	1,644	1,663	1,615	1,625	1,574	1,587	1,543	1,559	1,595	1,553	1,558	1,509			
Unpaid family workers	270	326	259	250	231	247	235	242	234	225	222	208	201			
Nonagricultural industries:																
Wage and salary workers	89,194	88,813	88,654	88,448	87,935	87,980	88,668	90,164	91,107	92,311	93,511	93,863	94,527			
Government	15,512	15,523	15,514	15,545	15,495	15,453	15,519	15,593	15,590	15,700	15,741	15,759	15,880			
Private industries	73,682	73,290	73,141	72,904	72,440	72,527	73,149	74,571	75,517	76,611	77,770	78,103	78,647			
Private households	1,228	1,222	1,193	1,207	1,208	1,223	1,234	1,282	1,244	1,205	1,301	1,212	1,233			
Other industries	72,454	72,068	71,947	71,697	71,232	71,304	71,915	73,289	74,273	75,406	76,469	76,892	77,415			
Self-employed workers	7,121	7,067	7,281	7,353	7,343	7,413	7,488	7,644	7,753	7,819	7,791	7,768	7,766			
Unpaid family workers	409	420	409	398	371	359	354	362	428	341	337	319	343			
PERSONS AT WORK¹																
Nonagricultural industries	91,256	90,679	90,899	90,450	90,258	90,569	91,174	92,416	93,953	95,029	96,339	96,655	96,972			
Full-time schedules	73,816	73,012	72,508	71,942	71,535	71,917	72,975	73,977	75,590	76,761	78,063	78,527	78,763			
Part time for economic reasons	5,082	5,292	5,761	6,006	6,387	6,315	5,985	5,930	5,762	5,627	5,482	5,438	5,497			
Usually work full time	2,003	2,033	2,240	2,193	2,232	2,049	1,820	1,747	1,667	1,622	1,594	1,653	1,614			
Usually work part time	3,069	3,274	3,515	3,800	4,150	4,314	4,170	4,140	4,093	4,058	3,901	3,741	3,886			
Part time for noneconomic reasons	12,368	12,360	12,637	12,514	12,341	12,290	12,208	12,551	12,603	12,588	12,781	12,734	12,709			

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

NOTE: Data have been revised based on the experience through December 1984. See the article in this issue for additional information.

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

(In thousands)

Sex and age	1981				1982				1983				1984			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV			
Total, 16 years and over	100,069	99,753	99,702	99,531	99,121	99,227	99,889	101,582	102,591	103,768	104,985	105,306	105,951			
16 to 24 years	20,927	20,586	20,354	20,075	19,947	19,864	19,844	20,245	20,282	20,553	20,799	20,577	20,680			
16 to 19 years	6,916	6,745	6,597	6,448	6,409	6,344	6,258	6,386	6,371	6,452	6,510	6,426	6,392			
16 to 17 years	2,736	2,661	2,547	2,412	2,401	2,364	2,284	2,318	2,316	2,352	2,426	2,415	2,422			
18 to 19 years	4,188	4,079	4,059	4,043	3,994	3,978	3,982	4,069	4,058	4,110	4,090	3,989	3,970			
20 to 24 years	14,011	13,841	13,757	13,627	13,538	13,519	13,586	13,860	13,912	14,101	14,288	14,151	14,288			
25 years and over	79,123	79,156	79,371	79,465	79,157	79,353	80,068	81,338	82,291	83,202	84,212	84,737	85,253			
25 to 54 years	64,803	64,869	64,956	65,066	64,909	65,156	65,924	67,069	67,940	68,957	69,965	70,507	71,053			
55 years and over	14,329	14,280	14,408	14,402	14,252	14,188	14,146	14,275	14,347	14,248	14,248	14,224	14,195			
Men, 16 years and over	57,006	56,671	56,451	56,099	55,858	55,825	56,301	57,187	57,795	58,531	58,996	59,242	59,589			
16 to 24 years	11,073	10,856	10,619	10,443	10,392	10,349	10,410	10,641	10,706	10,851	10,999	10,820	10,912			
16 to 19 years	3,672	3,544	3,396	3,289	3,287	3,275	3,253	3,320	3,338	3,332	3,359	3,290	3,314			
16 to 17 years	1,483	1,405	1,350	1,232	1,242	1,243	1,189	1,213	1,208	1,230	1,247	1,232	1,264			
18 to 19 years	2,193	2,128	2,054	2,069	2,036	2,027	2,071	2,112	2,134	2,103	2,115	2,043	2,050			
20 to 24 years	7,401	7,312	7,223	7,154	7,104	7,074	7,157	7,321	7,368	7,519	7,640	7,530	7,597			
25 years and over	45,913	45,801	45,863	45,657	45,446	45,465	45,924	46,539	47,070	47,667	48,035	48,416	48,659			
25 to 54 years	37,311	37,227	37,237	37,107	36,978	37,038	37,514	38,060	38,571	39,224	39,651	40,012	40,303			
55 years and over	8,599	8,573	8,632	8,550	8,469	8,421	8,419	8,479	8,500	8,440	8,393	8,398	8,356			
Women, 16 years and over	43,063	43,082	43,252	43,432	43,263	43,401	43,589	44,395	44,796	45,237	45,989	46,064	46,363			
16 to 24 years	9,854	9,730	9,735	9,632	9,555	9,514	9,434	9,604	9,576	9,702	9,800	9,756	9,769			
16 to 19 years	3,244	3,201	3,201	3,159	3,122	3,069	3,005	3,066	3,032	3,120	3,152	3,136	3,078			
16 to 17 years	1,254	1,256	1,197	1,180	1,159	1,120	1,095	1,104	1,109	1,122	1,179	1,183	1,157			
18 to 19 years	1,995	1,951	2,004	1,974	1,958	1,951	1,911	1,957	1,924	2,007	1,976	1,946	1,920			
20 to 24 years	6,610	6,529	6,534	6,473	6,433	6,445	6,429	6,539	6,544	6,582	6,648	6,621	6,691			
25 years and over	33,211	33,356	33,508	33,807	33,711	33,888	34,143	34,799	35,221	35,535	36,176	36,321	36,594			
25 to 54 years	27,492	27,642	27,719	27,959	27,931	28,118	28,410	29,008	29,369	29,733	30,314	30,495	30,750			
55 years and over	5,730	5,706	5,776	5,852	5,784	5,767	5,727	5,796	5,847	5,808	5,856	5,826	5,839			

NOTE: Data have been revised based on the experience through

December 1984. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Sex and age	1981					1982					1983				1984			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Total, 16 years and over	8,979	9,670	10,416	10,984	11,772	11,500	11,282	10,470	9,509	8,882	8,529	8,447	8,233					
16 to 24 years	3,924	4,147	4,298	4,433	4,618	4,449	4,352	4,091	3,714	3,472	3,366	3,302	3,201					
16 to 19 years	1,833	1,920	1,951	2,006	2,027	1,907	1,917	1,839	1,647	1,570	1,508	1,472	1,444					
16 to 17 years	770	798	816	841	869	773	798	749	689	677	643	640	621					
18 to 19 years	1,071	1,125	1,135	1,153	1,167	1,137	1,118	1,074	971	895	864	817	838					
20 to 24 years	2,091	2,227	2,347	2,427	2,592	2,543	2,435	2,252	2,067	1,902	1,858	1,829	1,756					
25 years and over	5,053	5,528	6,135	6,544	7,148	7,048	6,954	6,375	5,789	5,404	5,182	5,142	5,024					
25 to 54 years	4,470	4,863	5,355	5,792	6,311	6,220	6,094	5,637	5,067	4,727	4,493	4,503	4,375					
55 years and over	578	663	750	787	834	824	824	774	731	669	659	667	655					
Men, 16 years and over	5,037	5,522	5,991	6,410	6,912	6,708	6,620	6,131	5,480	4,993	4,742	4,649	4,535					
16 to 24 years	2,216	2,362	2,458	2,527	2,660	2,537	2,494	2,350	2,080	1,902	1,844	1,829	1,755					
16 to 19 years	992	1,050	1,088	1,095	1,126	1,060	1,042	1,021	889	840	808	803	796					
16 to 17 years	418	448	461	469	495	425	429	413	365	358	361	346	325					
18 to 19 years	577	603	631	618	633	636	618	597	528	482	451	447	476					
20 to 24 years	1,225	1,312	1,370	1,432	1,534	1,477	1,452	1,329	1,192	1,062	1,036	1,026	959					
25 years and over	2,823	3,159	3,536	3,885	4,259	4,161	4,127	3,787	3,406	3,079	2,900	2,826	2,785					
25 to 54 years	2,480	2,752	3,071	3,428	3,725	3,632	3,580	3,319	2,940	2,656	2,493	2,425	2,382					
55 years and over	342	401	451	477	531	523	535	487	468	416	398	413	403					
Women, 16 years and over	3,942	4,149	4,425	4,574	4,860	4,792	4,662	4,339	4,029	3,888	3,787	3,799	3,699					
16 to 24 years	1,708	1,785	1,839	1,906	1,958	1,913	1,857	1,742	1,634	1,570	1,522	1,473	1,445					
16 to 19 years	841	870	863	911	901	847	875	819	759	730	700	669	648					
16 to 17 years	352	350	355	372	374	348	369	336	324	319	282	295	296					
18 to 19 years	495	522	504	535	534	501	500	477	443	413	412	370	362					
20 to 24 years	867	915	977	995	1,058	1,066	982	923	875	840	822	803	797					
25 years and over	2,230	2,368	2,599	2,658	2,889	2,887	2,827	2,589	2,382	2,325	2,282	2,316	2,239					
25 to 54 years	1,990	2,111	2,283	2,364	2,586	2,588	2,514	2,318	2,127	2,071	1,999	2,079	1,993					
55 years and over	235	262	299	309	302	301	290	288	263	253	261	255	252					

NOTE: Data have been revised based on the experience through December 1984. See the article in this issue for additional information.

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

(Civilian workers)

Sex and age	1981					1982					1983				1984			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Total, 16 years and over	8.2	8.8	9.5	9.9	10.6	10.4	10.1	9.3	8.5	7.9	7.5	7.4	7.2					
16 to 24 years	15.8	16.8	17.4	18.1	18.8	18.3	18.0	16.8	15.5	14.5	13.9	13.8	13.4					
16 to 19 years	21.0	22.2	22.8	23.7	24.0	23.1	23.4	22.4	20.5	19.6	18.8	18.6	18.4					
16 to 17 years	22.0	23.1	24.3	25.8	26.6	24.6	25.9	24.4	22.9	22.4	20.9	21.0	20.4					
18 to 19 years	20.4	21.6	21.9	22.2	22.6	22.2	21.9	20.9	19.3	17.9	17.4	17.0	17.4					
20 to 24 years	13.0	13.9	14.6	15.1	16.1	15.8	15.2	14.0	12.9	11.9	11.5	11.4	10.9					
25 years and over	6.0	6.5	7.2	7.6	8.3	8.2	8.0	7.3	6.6	6.1	5.8	5.7	5.6					
25 to 54 years	6.5	7.0	7.6	8.2	8.9	8.7	8.5	7.8	6.9	6.4	6.0	6.0	5.8					
55 years and over	3.9	4.4	4.9	5.2	5.5	5.5	5.5	5.1	4.8	4.5	4.4	4.5	4.4					
Men, 16 years and over	8.1	8.9	9.6	10.3	11.0	10.7	10.5	9.7	8.7	7.9	7.4	7.3	7.1					
16 to 24 years	16.7	17.9	18.8	19.5	20.4	19.7	19.3	18.1	16.3	14.9	14.4	14.5	13.9					
16 to 19 years	21.3	22.9	24.3	25.0	25.5	24.4	24.3	23.5	21.0	20.1	19.4	19.6	19.4					
16 to 17 years	22.0	24.2	25.5	27.6	28.5	25.5	26.5	25.4	23.2	22.6	22.5	21.9	20.5					
18 to 19 years	20.8	22.1	23.5	23.0	23.7	23.9	23.0	22.0	19.8	18.6	17.6	17.9	18.8					
20 to 24 years	14.2	15.2	15.9	16.7	17.8	17.3	16.9	15.4	13.9	12.4	11.9	12.0	11.2					
25 years and over	5.8	6.5	7.2	7.8	8.6	8.4	8.2	7.5	6.7	6.1	5.7	5.5	5.4					
25 to 54 years	6.2	6.9	7.6	8.5	9.2	8.9	8.7	8.0	7.1	6.3	5.9	5.7	5.6					
55 years and over	3.8	4.5	5.0	5.3	5.9	5.8	6.0	5.4	5.2	4.7	4.5	4.7	4.6					
Women, 16 years and over	8.4	8.8	9.3	9.5	10.1	9.9	9.7	8.9	8.3	7.9	7.6	7.6	7.4					
16 to 24 years	14.8	15.5	15.9	16.5	17.0	16.7	16.4	15.4	14.6	13.9	13.4	13.1	12.9					
16 to 19 years	20.6	21.4	21.2	22.4	22.4	21.6	22.6	21.1	20.0	19.0	18.2	17.6	17.4					
16 to 17 years	21.9	21.8	22.9	24.0	24.4	23.7	25.2	23.3	22.6	22.1	19.3	19.9	20.3					
18 to 19 years	19.9	21.1	20.1	21.3	21.4	20.4	20.8	19.6	18.7	17.1	17.3	16.0	15.9					
20 to 24 years	11.6	12.3	13.0	13.3	14.1	14.2	13.3	12.4	11.8	11.3	11.0	10.8	10.6					
25 years and over	6.3	6.6	7.2	7.3	7.9	7.9	7.6	6.9	6.3	6.1	5.9	6.0	5.8					
25 to 54 years	6.7	7.1	7.6	7.8	8.5	8.4	8.1	7.4	6.8	6.5	6.2	6.4	6.1					
55 years and over	3.9	4.4	4.9	5.0	5.0	5.0	4.8	4.7	4.3	4.2	4.3	4.2	4.1					

NOTE: Data have been revised based on the experience through December 1984. 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	1981	1982				1983				1984			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
CHARACTERISTIC													
Total (all civilian workers)	8.2	8.8	9.5	9.9	10.6	10.4	10.1	9.3	8.5	7.9	7.5	7.4	7.2
Men, 20 years and over	7.1	7.8	8.5	9.1	9.9	9.7	9.5	8.7	7.8	7.0	6.6	6.4	6.2
Women, 20 years and over	7.2	7.6	8.2	8.3	9.0	8.9	8.5	7.8	7.3	7.0	6.7	6.8	6.6
Both sexes, 16 to 19 years	21.0	22.2	22.8	23.7	24.0	23.1	23.4	22.4	20.5	19.6	18.8	18.6	18.4
White	7.2	7.8	8.4	8.8	9.4	9.2	8.9	8.1	7.3	6.8	6.5	6.4	6.2
Black and other	15.4	16.1	17.0	17.6	18.7	18.6	18.7	17.5	16.3	15.3	14.4	14.3	13.7
Black	16.9	17.6	18.4	19.1	20.5	20.4	20.5	19.3	17.8	16.7	16.0	15.8	15.1
Hispanic origin	11.1	12.2	13.5	14.4	15.3	15.6	14.3	12.7	12.1	10.9	10.8	10.6	10.3
Married men, spouse present	5.0	5.5	6.2	6.9	7.5	7.2	6.9	6.1	5.5	4.9	4.6	4.5	4.5
Married women, spouse present	6.4	6.8	7.4	7.3	8.1	7.7	7.6	6.8	6.2	5.9	5.8	5.8	5.5
Women who maintain families	10.6	10.5	11.8	12.2	12.4	13.1	12.9	12.0	10.8	10.8	10.1	10.1	10.3
Full-time workers	8.0	8.6	9.3	9.8	10.6	10.3	10.0	9.2	8.3	7.6	7.2	7.1	7.0
Part-time workers	9.6	10.1	10.3	10.7	10.9	10.6	11.0	10.1	9.8	9.4	9.5	9.5	8.8
Unemployed 15 weeks and over ¹	2.1	2.5	3.0	3.4	4.0	4.2	4.0	3.7	3.1	2.7	2.4	2.3	2.1
Labor force time lost ²	9.3	10.0	10.6	11.2	12.1	11.8	11.4	10.6	9.7	9.0	8.6	8.5	8.3
INDUSTRY													
Nonagricultural private wage and salary workers	8.4	9.1	9.9	10.4	11.2	10.8	10.4	9.6	8.6	7.8	7.4	7.4	7.2
Mining	7.3	8.7	11.8	16.5	18.2	18.5	19.8	16.2	12.4	11.3	8.7	8.9	11.0
Construction	17.6	18.5	19.1	20.8	22.1	20.2	19.4	17.9	15.9	14.6	14.6	14.2	13.9
Manufacturing	9.4	10.6	11.8	12.8	14.2	13.1	12.2	10.6	8.9	7.8	7.4	7.4	7.2
Durable goods	9.5	11.0	12.5	13.9	16.1	14.5	13.2	11.3	9.1	7.7	7.2	6.9	7.0
Nondurable goods	9.2	9.9	10.7	11.2	11.4	11.0	10.7	9.6	8.5	8.0	7.6	8.2	7.5
Transportation and public utilities	5.3	6.0	6.8	6.8	7.9	8.1	7.7	7.2	6.7	5.5	5.5	5.9	5.2
Wholesale and retail trade	8.6	9.3	10.1	10.1	10.6	10.9	10.3	9.7	9.2	8.3	8.0	7.8	7.6
Finance and service industries	6.2	6.4	6.9	6.9	7.5	7.4	7.4	7.2	6.7	6.3	5.8	5.8	5.8
Agricultural wage and salary workers	13.8	14.1	15.9	14.5	14.8	15.9	17.1	15.5	15.7	14.6	12.9	14.1	12.3

¹ Unemployment as a percent of the civilian labor force.

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

hours.

NOTE: Data have been revised based on the experience through December 1984. 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	1981	1982				1983				1984			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
DURATION													
Less than 5 weeks	3,797	3,880	3,835	3,924	3,901	3,639	3,616	3,605	3,391	3,345	3,304	3,412	3,343
5 to 14 weeks	2,818	3,099	3,327	3,383	3,462	3,208	3,032	2,869	2,625	2,508	2,409	2,463	2,415
15 weeks and over	2,340	2,709	3,265	3,731	4,443	4,628	4,454	4,117	3,510	3,032	2,768	2,633	2,443
15 to 26 weeks	1,191	1,442	1,623	1,827	2,053	1,932	1,673	1,587	1,328	1,163	1,096	1,103	1,018
27 weeks and over	1,150	1,267	1,642	1,904	2,390	2,696	2,781	2,531	2,182	1,870	1,673	1,529	1,425
Average (mean) duration, in weeks	13.3	13.8	15.0	16.1	17.6	19.2	20.1	20.6	20.0	19.3	18.4	17.6	17.1
Median duration, in weeks	6.9	7.4	8.6	9.0	10.1	10.5	11.2	9.7	9.3	8.6	8.0	7.6	7.3
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	42.4	40.0	36.8	35.5	33.0	31.7	32.6	34.0	35.6	37.6	39.0	40.1	40.8
5 to 14 weeks	31.5	32.0	31.9	30.6	29.3	28.0	27.3	27.1	27.6	28.2	28.4	28.9	29.5
15 weeks and over	26.1	28.0	31.3	33.8	37.6	40.3	40.1	38.9	36.9	34.1	32.6	30.9	29.8
15 to 26 weeks	13.3	14.9	15.6	16.6	17.4	16.8	15.1	15.0	13.9	13.1	12.9	13.0	12.4
27 weeks and over	12.8	13.1	15.8	17.2	20.2	23.5	25.0	23.9	22.9	21.0	19.7	18.0	17.4

NOTE: Data have been revised based on the experience through

December 1984. See the article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Reasons for unemployment	1981	1982				1983				1984			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
NUMBER OF UNEMPLOYED													
Job losers	4,817	5,418	6,022	6,547	7,250	6,848	6,721	6,083	5,254	4,730	4,392	4,297	4,193
On layoff	1,726	1,869	2,018	2,286	2,432	2,087	1,924	1,634	1,339	1,259	1,155	1,140	1,096
Other job losers	3,091	3,549	4,004	4,261	4,818	4,761	4,797	4,449	3,915	3,471	3,236	3,156	3,096
Job leavers	926	885	877	811	792	859	815	795	851	791	804	841	852
Reentrants	2,243	2,222	2,393	2,442	2,491	2,515	2,450	2,410	2,264	2,193	2,158	2,220	2,176
New entrants	1,016	1,092	1,102	1,264	1,282	1,190	1,294	1,225	1,154	1,162	1,167	1,079	1,032
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	53.5	56.3	57.9	59.2	61.4	60.0	59.6	57.9	55.2	53.3	51.5	50.9	50.8
On layoff	19.2	19.4	19.4	20.7	20.6	18.3	17.1	15.5	14.1	14.2	13.6	13.5	13.3
Other job losers	34.3	36.9	38.5	38.5	40.8	41.7	42.5	42.3	41.1	39.1	38.0	37.4	37.5
Job leavers	10.3	9.2	8.4	7.3	6.7	7.5	7.2	7.6	8.9	8.9	9.4	10.0	10.3
Reentrants	24.9	23.1	23.0	22.1	21.1	22.0	21.7	22.9	23.8	24.7	25.3	26.3	26.4
New entrants	11.3	11.4	10.6	11.4	10.9	10.4	11.5	11.7	12.1	13.1	13.7	12.8	12.5
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	4.4	5.0	5.5	5.9	6.5	6.2	6.0	5.4	4.7	4.2	3.9	3.8	3.7
Job leavers .....	.8	.8	.8	.7	.7	.8	.7	.7	.8	.7	.7	.7	.7
Reentrants	2.1	2.0	2.2	2.2	2.2	2.3	2.2	2.2	2.0	1.9	1.9	2.0	1.9
New entrants .....	.9	1.0	1.0	1.1	1.2	1.1	1.2	1.1	1.0	1.0	1.0	.9	.9

NOTE: Data have been revised based on the experience through December 1984. 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	1981				1982				1983				1984			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV			
TOTAL																
Total not in labor force	61,941	62,073	61,902	62,006	62,154	62,779	62,785	62,397	62,850	63,029	62,611	62,841	62,948			
Do not want a job now	55,945	55,927	55,774	55,429	55,357	55,996	56,051	55,681	56,565	56,809	56,534	57,103	56,799			
Current activity:																
Going to school	6,531	6,318	6,887	6,314	6,467	6,562	6,470	6,361	6,584	6,646	6,456	6,893	6,393			
Ill, disabled	4,303	4,083	3,989	4,056	4,023	3,970	4,003	3,826	3,856	4,088	4,072	4,033	3,786			
Keeping house	28,518	28,877	28,374	28,294	28,113	28,275	28,362	28,296	28,501	28,384	27,960	27,972	27,910			
Retired	12,107	12,057	12,173	12,534	12,559	12,963	12,978	12,959	13,178	13,446	13,662	13,687	14,313			
Other activity	4,485	4,591	4,351	4,230	4,195	4,225	4,238	4,239	4,446	4,244	4,384	4,518	4,397			
Want a job now	5,984	6,229	6,585	6,569	6,893	6,513	6,506	6,709	6,276	6,242	5,956	5,936	6,140			
Reason not looking:																
School attendance	1,567	1,660	1,719	1,717	1,852	1,669	1,500	1,776	1,534	1,555	1,608	1,509	1,483			
Ill health, disability	816	803	780	753	730	696	697	829	833	732	803	815	847			
Home responsibilities	1,398	1,353	1,466	1,366	1,386	1,383	1,454	1,432	1,381	1,499	1,209	1,416	1,382			
Think cannot get a job	1,176	1,341	1,494	1,639	1,813	1,779	1,710	1,612	1,447	1,350	1,275	1,211	1,303			
Job-market factors	890	1,029	1,083	1,240	1,390	1,411	1,306	1,204	1,044	939	928	885	935			
Personal factors	286	312	411	399	423	368	404	408	404	411	348	326	368			
Other reasons ¹	1,027	1,072	1,126	1,093	1,112	986	1,144	1,060	1,080	1,107	1,060	985	1,126			
Men																
Total not in labor force	18,874	18,959	18,957	19,120	19,142	19,658	19,485	19,324	19,611	19,746	19,742	19,810	19,847			
Do not want a job now	16,864	16,798	17,028	17,002	16,891	17,188	17,239	16,962	17,485	17,686	17,646	17,827	17,761			
Want a job now	1,985	2,114	2,148	2,262	2,338	2,227	2,176	2,378	2,143	2,047	2,037	1,951	2,020			
Reason not looking:																
School attendance	789	895	907	911	998	882	773	1,041	820	816	798	760	734			
Ill health, disability	402	333	338	331	291	300	313	371	373	352	356	387	402			
Think cannot get a job	428	510	570	612	665	711	675	613	600	496	504	464	502			
Other reasons ¹	366	376	333	408	384	334	416	353	351	384	379	340	382			
Women																
Total not in labor force	43,068	43,114	42,945	42,886	43,010	43,121	43,300	43,074	43,239	43,283	42,869	43,032	43,102			
Do not want a job now	39,081	39,128	38,746	38,426	38,466	38,808	38,813	38,719	39,080	39,123	38,888	39,276	39,038			
Want a job now	3,999	4,115	4,437	4,307	4,555	4,286	4,329	4,331	4,133	4,195	3,919	3,985	4,120			
Reason not looking:																
School attendance	778	765	812	806	854	787	727	735	715	739	810	749	748			
Ill health, disability	414	470	443	422	439	396	385	458	461	380	447	428	445			
Home responsibilities	1,398	1,353	1,466	1,366	1,386	1,383	1,454	1,432	1,381	1,499	1,209	1,416	1,382			
Think cannot get a job	748	831	924	1,027	1,148	1,068	1,035	999	847	854	771	747	801			
Other reasons ¹	661	696	793	686	728	652	729	707	729	723	681	645	744			
White																
Total not in labor force	53,305	53,375	53,095	53,228	53,360	54,002	53,978	53,570	53,707	54,005	53,615	53,961	53,911			
Do not want a job now	48,919	48,841	48,502	48,521	48,560	48,985	49,176	48,852	49,202	49,547	49,382	49,581	49,529			
Want a job now	4,359	4,480	4,689	4,803	4,920	4,750	4,806	4,727	4,549	4,474	4,221	4,271	4,388			
Reason not looking:																
School attendance	1,150	1,196	1,198	1,259	1,304	1,223	1,106	1,144	1,101	1,089	1,108	1,057	1,053			
Ill health, disability	555	548	549	537	499	500	514	615	609	555	553	598	596			
Home responsibilities	1,038	991	1,052	1,032	1,025	1,041	1,051	1,047	1,019	1,089	870	1,040	1,050			
Think cannot get a job	805	877	979	1,081	1,254	1,195	1,239	1,077	977	889	822	800	775			
Other reasons ¹	811	869	912	893	838	791	896	843	843	852	868	776	914			
Black																
Total not in labor force	7,137	7,215	7,310	7,265	7,210	7,218	7,230	7,253	7,425	7,406	7,361	7,285	7,218			
Do not want a job now	5,759	5,616	5,593	5,616	5,548	5,647	5,692	5,530	5,947	5,885	5,813	5,809	5,723			
Want a job now	1,394	1,599	1,675	1,616	1,730	1,569	1,508	1,698	1,531	1,572	1,504	1,474	1,547			
Reason not looking:																
School attendance	349	408	429	412	473	413	328	477	409	409	420	355	374			
Ill health, disability	222	239	220	219	205	176	167	210	186	164	220	223	220			
Home responsibilities	326	313	364	302	343	304	349	355	322	343	284	344	299			
Think cannot get a job	329	438	471	508	510	511	433	485	440	406	404	364	491			
Other reasons ¹	167	200	191	175	199	165	230	170	174	249	177	189	163			

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 1984. 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 1983	IV 1984	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984
TOTAL										
Total not in labor force	62,956	63,001	7,428	7,119	4,897	4,641	21,694	21,494	28,937	29,746
Do not want a job now	56,953	57,101	6,132	5,800	3,909	3,740	18,538	18,377	28,371	29,187
Current activity:										
Going to school	8,356	8,097	5,431	5,204	1,973	2,004	930	876	21	15
Ill, disabled	3,788	3,715	40	15	131	91	1,787	1,724	1,829	1,886
Keeping house	28,331	27,749	361	327	1,404	1,330	13,240	13,053	13,325	13,039
Retired	12,898	14,008	-	-	-	-	355	443	12,543	13,566
Other activity	3,579	3,531	300	254	401	315	2,226	2,281	653	681
Want a job now	6,003	5,901	1,299	1,320	989	901	3,151	3,114	565	559
Reason for not looking:										
School attendance	1,481	1,436	981	984	243	244	250	204	8	2
Ill health, disability	867	887	20	18	73	53	601	645	173	171
Home responsibilities	1,259	1,261	82	92	298	229	851	911	28	28
Think cannot get a job	1,387	1,254	153	134	222	205	785	716	227	198
Job-market factors	969	870	103	93	165	163	594	534	105	79
Personal factors	418	384	50	41	57	42	191	182	122	119
Other reasons ¹	1,010	1,062	63	92	153	170	664	638	129	160
Men										
Total not in labor force	19,958	20,146	3,576	3,441	1,693	1,623	3,773	3,762	10,916	11,321
Do not want a job now	17,934	18,227	2,906	2,802	1,383	1,344	3,000	3,042	10,646	11,043
Current activity:										
Going to school	4,212	4,183	2,690	2,660	1,075	1,143	444	380	3	1
Ill, disabled	2,033	1,894	20	7	77	36	985	962	953	891
Keeping house	369	383	19	5	11	17	90	134	248	229
Retired	9,229	9,829	-	-	-	-	278	345	8,951	9,484
Other activity	2,091	1,937	177	130	220	148	1,203	1,221	491	438
Want a job now	2,024	1,920	672	638	310	278	771	720	269	279
Reason for not looking:										
School attendance	792	717	550	518	138	125	100	73	3	-
Ill health, disability	384	417	8	9	33	20	271	286	70	101
Think cannot get a job	537	447	88	64	102	82	229	208	118	93
Other reasons ¹	312	339	26	47	37	51	171	153	78	85
Women										
Total not in labor force	42,998	42,855	3,853	3,678	3,204	3,019	17,921	17,733	18,021	18,425
Do not want a job now	39,019	38,874	3,229	2,994	2,524	2,396	15,540	15,337	17,725	18,147
Current activity:										
Going to school	4,143	3,914	2,742	2,542	898	861	485	496	17	14
Ill, disabled	1,755	1,821	22	7	54	55	804	762	877	996
Keeping house	27,962	27,366	342	322	1,391	1,313	13,150	12,920	13,078	12,812
Retired	3,670	4,179	-	-	-	-	78	98	3,591	4,081
Other activity	1,488	1,594	123	123	181	167	1,023	1,061	162	244
Want a job now	3,979	3,981	625	684	680	624	2,380	2,395	294	280
Reason not looking:										
School attendance	689	719	430	467	105	119	150	132	5	2
Ill health, disability	483	470	11	9	40	34	329	359	102	69
Home responsibilities	1,259	1,261	82	92	298	229	851	911	28	28
Think cannot get a job	850	807	65	71	121	123	556	508	108	106
Other reasons	698	724	37	45	116	119	494	485	51	75

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 1983	IV 1984	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984
WHITE												
Total not in labor force	53,800	53,965	9,431	9,123	18,301	18,017	26,068	26,824	16,755	16,979	37,044	36,986
Do not want a job now	49,417	49,727	7,881	7,632	15,934	15,744	25,603	26,361	15,271	15,609	34,142	34,116
Current activity:												
Going to school	6,555	6,496	5,897	5,816	641	670	15	14	3,305	3,319	3,250	3,177
Ill, disabled	2,947	2,969	128	78	1,345	1,327	1,479	1,569	1,592	1,525	1,355	1,444
Keeping house	25,321	24,811	1,412	1,355	11,786	11,538	12,123	11,919	301	311	25,020	24,500
Retired	11,719	12,621	-	-	323	386	11,395	12,237	8,435	8,913	3,284	3,708
Other activity	2,871	2,828	444	383	1,839	1,823	591	622	1,638	1,541	1,233	1,287
Want a job now	4,383	4,238	1,553	1,491	2,365	2,277	463	463	1,482	1,369	2,902	2,869
Reason for not looking:												
School attendance	1,042	1,001	846	861	193	136	5	2	579	521	464	480
Ill health, disability	657	641	66	51	445	455	143	133	306	315	351	326
Home responsibilities	947	980	263	221	658	730	26	28	-	-	947	980
Think cannot get a job	936	743	216	171	545	418	175	153	342	258	594	485
Other reasons ¹	801	874	162	187	524	538	114	147	255	275	546	598
BLACK												
Total not in labor force	7,482	7,275	2,413	2,154	2,588	2,619	2,482	2,502	2,589	2,561	4,893	4,714
Do not want a job now	6,030	5,802	1,726	1,489	1,920	1,891	2,383	2,422	2,095	2,093	3,935	3,710
Current activity:												
Going to school	1,270	1,155	1,147	1,058	118	96	6	-	575	594	695	561
Ill, disabled	779	695	48	32	407	361	324	302	404	349	375	346
Keeping house	2,381	2,216	287	231	1,034	1,039	1,058	946	63	60	2,318	2,157
Retired	975	1,174	-	-	23	42	951	1,133	664	772	311	402
Other activity	625	562	244	168	338	353	44	41	389	318	236	244
Want a job now	1,451	1,472	688	665	668	730	97	80	494	468	976	1,004
Reason for not looking:												
School attendance	409	376	365	328	40	50	4	-	198	160	210	216
Ill health, disability	190	233	22	19	141	179	28	35	74	90	116	143
Home responsibilities	266	244	104	99	160	145	1	-	-	-	286	244
Think cannot get a job	418	466	151	153	218	280	49	35	179	170	239	296
Other reasons ¹	168	153	46	66	109	76	15	10	43	48	125	105
HISPANIC ORIGIN												
Total not in labor force	3,541	3,492	1,055	1,010	1,716	1,641	771	842	908	910	2,633	2,582
Do not want a job now	3,129	3,102	896	849	1,484	1,426	748	828	791	807	2,339	2,295
Current activity:												
Going to school	645	610	592	550	48	60	3	-	305	292	340	318
Ill, disabled	233	216	19	18	150	131	64	66	125	116	108	99
Keeping house	1,741	1,704	242	223	1,155	1,099	344	382	22	29	1,720	1,675
Retired	348	372	-	-	18	9	331	363	245	250	103	123
Other activity	162	200	43	58	113	127	6	17	94	120	68	80
Want a job now	413	390	160	162	233	216	23	14	118	103	295	288
Reason for not looking:												
School attendance	82	102	73	85	10	17	-	-	39	36	43	66
Ill health, disability	80	39	16	2	50	34	14	3	31	23	49	17
Home responsibilities	121	112	43	36	79	76	-	-	-	-	121	112
Think cannot get a job	87	70	23	20	59	45	5	6	24	20	63	50
Other reasons ¹	43	67	5	19	35	44	4	5	24	24	19	43

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

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.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Reason and sex	4th Quarter 1984							
	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	141	8	-	29	104	130	12	9
Lacks education or training	145	22	23	95	4	88	42	14
Other personal handicap	99	11	19	58	11	68	29	5
Job-market factors:								
Could not find work	509	73	113	277	46	227	268	31
Thinks no job available	361	20	50	257	33	230	115	11
Men								
Personal factors:								
Employers think too young or old	53	3	-	7	44	50	3	2
Lacks education or training	48	14	11	24	-	30	11	4
Other personal handicap	40	7	10	18	6	27	12	2
Job-market factors:								
Could not find work	196	33	41	92	31	87	104	9
Thinks no job available	110	8	21	67	13	64	40	2
Women								
Personal factors:								
Employers think too young or old	88	5	-	22	61	80	9	7
Lacks education or training	97	8	13	71	4	58	31	10
Other personal handicap	59	3	10	40	5	41	17	3
Job-market factors:								
Could not find work	313	41	71	186	16	140	164	22
Thinks no job available	251	12	29	189	19	166	75	8

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

**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 1983	IV 1984	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984
TOTAL												
Do not intend to seek work	52,274	52,643	6,244	5,949	17,633	17,443	28,397	29,251	45,381	45,966	5,580	5,323
Intend to seek work in the next 12 months	10,680	10,357	6,080	5,811	4,061	4,050	540	495	8,418	7,999	1,902	1,952
Never worked	2,018	1,917	1,854	1,746	163	160	1	10	1,423	1,252	493	563
Last worked over 5 years ago	1,195	1,252	65	71	1,004	1,037	126	144	918	884	236	322
Last worked 1 to 5 years ago	2,635	2,382	885	760	1,545	1,440	204	182	1,995	1,825	552	474
Worked during previous 12 months	4,832	4,805	3,274	3,235	1,351	1,410	209	159	4,082	4,038	620	593
Men												
Do not intend to seek work	15,828	16,235	2,327	2,332	2,874	2,838	10,627	11,065	13,453	13,881	1,921	1,916
Intend to seek work in the next 12 months	4,129	3,911	2,942	2,732	898	924	290	255	3,302	3,098	669	645
Never worked	940	778	903	748	36	29	-	-	681	530	202	220
Last worked over 5 years ago	178	224	12	22	122	129	44	73	113	133	51	65
Last worked 1 to 5 years ago	734	647	281	226	344	326	109	96	551	508	157	108
Worked during previous 12 months	2,276	2,262	1,746	1,735	396	440	135	86	1,957	1,927	258	253
Women												
Do not intend to seek work	36,446	36,409	3,918	3,617	14,758	14,606	17,770	18,186	31,928	32,085	3,660	3,407
Intend to seek work in the next 12 months	6,552	6,446	3,139	3,079	3,163	3,126	251	240	5,116	4,901	1,233	1,306
Never worked	1,078	1,139	952	999	124	131	1	10	742	722	291	343
Last worked over 5 years ago	1,017	1,028	53	48	882	908	82	71	805	751	185	257
Last worked 1 to 5 years ago	1,901	1,734	606	534	1,200	1,114	95	86	1,444	1,317	395	366
Worked during previous 12 months	2,556	2,543	1,528	1,500	954	970	74	73	2,125	2,111	362	340

NOTE: Third quarter 1983 data for blacks have been corrected.

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 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984
TOTAL								
Civilian noninstitutional population	174,950	177,133	151,327	152,666	19,057	19,481	9,719	9,885
Civilian labor force	111,995	114,131	97,528	98,701	11,574	12,206	6,178	6,393
Percent of population	64.0	64.4	64.4	64.7	60.7	62.7	63.6	64.7
Employed	102,826	106,186	90,651	92,800	9,573	10,419	5,458	5,755
Agriculture	3,170	3,169	2,919	2,902	171	206	242	259
Nonagricultural industries	99,657	103,017	87,732	89,898	9,402	10,213	5,216	5,495
Unemployed	9,168	7,945	6,877	5,901	2,001	1,788	720	638
Unemployment rate	8.2	7.0	7.1	6.0	17.3	14.6	11.7	10.0
Not in labor force	62,956	63,001	53,800	53,965	7,482	7,275	3,541	3,492
Men, 16 years and over								
Civilian noninstitutional population	82,886	83,970	72,136	72,869	8,511	8,718	4,576	4,658
Civilian labor force	62,929	63,824	55,381	55,890	5,921	6,156	3,668	3,748
Percent of population	75.9	76.0	76.8	76.7	69.6	70.6	80.2	80.5
Employed	57,680	59,469	51,322	52,589	4,909	5,249	3,231	3,390
Agriculture	2,538	2,587	2,318	2,345	157	191	204	234
Nonagricultural industries	55,143	56,882	49,004	50,244	4,752	5,057	3,027	3,156
Unemployed	5,248	4,355	4,059	3,301	1,012	908	438	358
Unemployment rate	8.3	6.8	7.3	5.9	17.1	14.7	11.9	9.5
Not in labor force	19,958	20,146	16,755	16,979	2,589	2,561	908	910
Men, 20 years and over								
Civilian noninstitutional population	75,325	76,660	65,901	66,818	7,434	7,674	4,051	4,132
Civilian labor force	58,943	59,956	51,880	52,510	5,542	5,742	3,417	3,483
Percent of population	78.3	78.2	78.7	78.6	74.5	74.8	84.3	84.3
Employed	54,554	56,367	48,483	49,781	4,706	5,020	3,040	3,184
Agriculture	2,347	2,390	2,136	2,160	151	183	194	217
Nonagricultural industries	52,208	53,977	46,346	47,621	4,554	4,837	2,846	2,967
Unemployed	4,389	3,588	3,397	2,729	836	723	377	299
Unemployment rate	7.4	6.0	6.5	5.2	15.1	12.6	11.0	8.6
Not in labor force	16,382	16,705	14,021	14,308	1,892	1,931	634	649
Women, 16 years and over								
Civilian noninstitutional population	92,064	93,163	79,191	79,797	10,546	10,764	5,143	5,227
Civilian labor force	49,066	50,307	42,147	42,810	5,653	6,050	2,510	2,645
Percent of population	53.3	54.0	53.2	53.6	53.6	56.2	48.8	50.6
Employed	45,146	46,717	39,329	40,211	4,664	5,170	2,228	2,364
Agriculture	632	582	601	557	14	15	38	25
Nonagricultural industries	44,514	46,135	38,728	39,654	4,650	5,156	2,190	2,339
Unemployed	3,920	3,590	2,817	2,599	989	880	282	280
Unemployment rate	8.0	7.1	6.7	6.1	17.5	14.5	11.2	10.6
Not in labor force	42,998	42,855	37,044	36,986	4,893	4,714	2,633	2,582
Women, 20 years and over								
Civilian noninstitutional population	84,554	85,895	72,995	73,826	9,421	9,670	4,560	4,627
Civilian labor force	45,409	46,718	38,907	39,677	5,307	5,675	2,310	2,400
Percent of population	53.7	54.4	53.3	53.7	56.3	58.7	50.7	51.9
Employed	42,191	43,719	36,592	37,507	4,499	4,942	2,074	2,173
Agriculture	595	546	563	521	15	14	35	23
Nonagricultural industries	41,596	43,173	36,029	36,986	4,484	4,927	2,040	2,150
Unemployed	3,218	2,999	2,315	2,170	808	733	236	228
Unemployment rate	7.1	6.4	5.9	5.5	15.2	12.9	10.2	9.5
Not in labor force	39,145	39,177	34,088	34,149	4,114	3,996	2,250	2,227
Both sexes, 16 to 19 years								
Civilian noninstitutional population	15,071	14,577	12,431	12,022	2,202	2,137	1,109	1,126
Civilian labor force	7,643	7,458	6,741	6,514	726	789	452	509
Percent of population	50.7	51.2	54.2	54.2	33.0	36.9	40.8	45.2
Employed	6,081	6,099	5,576	5,512	369	458	344	398
Agriculture	228	233	220	221	4	8	13	20
Nonagricultural industries	5,853	5,866	5,357	5,291	365	449	331	378
Unemployed	1,561	1,358	1,165	1,002	357	332	108	111
Unemployment rate	20.4	18.2	17.3	15.4	49.2	42.0	23.8	21.9
Not in labor force	7,428	7,119	5,690	5,508	1,476	1,348	657	616

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 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984
TOTAL								
Civilian noninstitutional population	9,719	9,885	5,894	5,851	1,228	1,295	792	712
Civilian labor force	6,178	6,393	3,853	3,852	592	687	543	479
Percent of population	63.6	64.7	65.4	65.8	48.2	53.1	68.6	67.3
Employed	5,458	5,755	3,366	3,470	513	592	494	444
Agriculture	242	259	224	242	3	4	3	4
Nonagricultural industries	5,216	5,495	3,143	3,228	509	589	492	440
Unemployed	720	638	486	381	80	95	49	35
Unemployment rate	11.7	10.0	12.6	9.9	13.5	13.8	8.9	7.3
Not in labor force	3,541	3,492	2,041	1,999	636	607	249	232
Men, 16 years and over								
Civilian noninstitutional population	4,576	4,658	2,841	2,841	510	553	365	336
Civilian labor force	3,668	3,748	2,323	2,328	363	399	296	265
Percent of population	80.2	80.5	81.8	81.9	71.2	72.2	81.1	78.9
Employed	3,231	3,390	2,023	2,105	310	352	266	248
Agriculture	204	234	187	219	3	4	2	4
Nonagricultural industries	3,027	3,156	1,837	1,887	306	348	265	244
Unemployed	438	358	300	223	53	47	29	17
Unemployment rate	11.9	9.5	12.9	9.6	14.5	11.7	9.9	6.5
Not in labor force	908	910	518	513	148	154	69	70
Men, 20 years and over								
Civilian noninstitutional population	4,051	4,132	2,504	2,502	431	471	337	311
Civilian labor force	3,417	3,483	2,143	2,146	343	369	276	252
Percent of population	84.3	84.3	85.6	85.8	79.6	78.3	81.9	81.0
Employed	3,040	3,184	1,889	1,965	296	329	250	236
Agriculture	194	217	177	201	3	4	2	4
Nonagricultural industries	2,846	2,967	1,712	1,764	292	325	248	232
Unemployed	377	299	254	181	47	40	26	16
Unemployment rate	11.0	8.6	11.9	8.4	13.7	10.7	9.5	6.5
Not in labor force	634	649	361	355	88	103	61	59
Women, 16 years and over								
Civilian noninstitutional population	5,143	5,227	3,053	3,010	718	742	427	376
Civilian labor force	2,510	2,645	1,529	1,524	230	288	247	214
Percent of population	48.8	50.6	50.1	50.6	32.0	38.8	57.8	56.9
Employed	2,228	2,364	1,343	1,365	203	240	228	196
Agriculture	38	25	37	24	-	-	1	-
Nonagricultural industries	2,190	2,339	1,306	1,341	203	240	227	196
Unemployed	282	280	186	159	27	48	19	18
Unemployment rate	11.2	10.6	12.2	10.4	11.8	16.7	7.8	8.4
Not in labor force	2,633	2,582	1,170	1,486	488	453	180	162
Women, 20 years and over								
Civilian noninstitutional population	4,560	4,627	2,685	2,627	632	666	396	353
Civilian labor force	2,310	2,400	1,390	1,368	213	262	236	199
Percent of population	50.7	51.9	51.8	52.1	33.7	39.3	59.6	56.4
Employed	2,074	2,173	1,235	1,240	193	225	218	184
Agriculture	35	23	33	22	-	-	1	-
Nonagricultural industries	2,040	2,150	1,202	1,218	193	225	217	184
Unemployed	236	228	156	129	20	37	17	15
Unemployment rate	10.2	9.5	11.2	9.4	9.2	14.1	7.3	7.7
Not in labor force	2,250	2,227	1,294	1,258	419	404	161	154
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,109	1,126	705	722	165	157	59	47
Civilian labor force	452	509	319	337	36	56	31	28
Percent of population	40.8	45.2	45.2	46.7	21.8	35.7	(²)	(²)
Employed	344	398	243	265	23	38	26	25
Agriculture	13	20	13	19	-	-	-	-
Nonagricultural industries	331	378	230	246	23	38	26	25
Unemployed	108	111	77	71	13	18	5	3
Unemployment rate	23.8	21.9	24.0	21.2	(²)	(²)	(²)	(²)
Not in labor force	657	616	385	385	129	101	28	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 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984
CHARACTERISTIC								
Total (all civilian workers)	102,826	106,186	90,651	92,800	9,573	10,419	5,458	5,755
Men	57,680	59,469	51,322	52,589	4,909	5,249	3,231	3,390
Women	45,146	46,717	39,329	40,211	4,664	5,170	2,228	2,364
OCCUPATION								
Managerial and professional specialty	24,071	25,305	22,115	23,069	1,307	1,471	659	690
Executive, administrative, and managerial	10,962	11,775	10,212	10,865	507	605	314	361
Professional specialty	13,109	13,529	11,903	12,203	800	867	346	329
Technical, sales, and administrative support	31,843	32,849	28,726	29,292	2,418	2,690	1,415	1,509
Technicians and related support	3,095	3,200	2,712	2,799	272	265	106	125
Sales occupations	12,203	12,850	11,362	11,845	574	694	471	542
Administrative support, including clerical	16,546	16,799	14,652	14,648	1,572	1,731	838	843
Service occupations	14,115	14,239	11,285	11,257	2,360	2,497	959	986
Private household	1,017	1,025	704	677	297	326	76	95
Protective service	1,674	1,733	1,390	1,450	254	256	81	72
Service, except private household and protective	11,424	11,480	9,192	9,130	1,809	1,915	802	818
Precision production, craft, and repair	12,814	13,268	11,635	11,981	900	971	814	838
Mechanics and repairers	4,259	4,432	3,869	4,040	306	297	234	248
Construction trades	4,541	4,749	4,140	4,318	330	348	272	274
Other precision production, craft, and repair	4,014	4,087	3,627	3,622	265	326	308	316
Operators, fabricators, and laborers	16,618	17,132	13,836	14,161	2,363	2,509	1,356	1,442
Machine operators, assemblers, and inspectors	8,033	8,100	6,627	6,616	1,154	1,209	749	749
Transportation and material moving occupations	4,341	4,574	3,690	3,887	580	617	249	267
Handlers, equipment cleaners, helpers, and laborers	4,244	4,459	3,519	3,658	629	682	359	426
Construction laborers	639	637	529	528	103	102	73	69
Other handlers, equipment cleaners, helpers, and laborers	3,606	3,821	2,990	3,130	526	581	285	357
Farming, forestry, and fishing	3,365	3,393	3,054	3,041	225	281	254	290
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,403	1,486	1,214	1,281	140	174	210	235
Self-employed workers	1,546	1,496	1,490	1,437	28	30	31	25
Unpaid family workers	220	187	214	184	3	1	1	-
Nonagricultural industries:								
Wage and salary workers	91,474	94,906	80,100	82,358	9,064	9,861	4,954	5,192
Government	15,727	16,016	13,103	13,274	2,203	2,279	717	704
Private industries	75,747	78,890	66,997	69,084	6,860	7,582	4,237	4,488
Private households	1,251	1,238	884	837	342	371	85	115
Other industries	74,496	77,652	66,113	68,247	6,518	7,211	4,152	4,373
Self-employed workers	7,758	7,769	7,231	7,218	333	349	246	288
Unpaid family workers	425	342	400	322	6	3	17	15
FULL- AND PART-TIME STATUS¹								
Full-time schedules	82,004	85,487	72,127	74,558	7,765	8,479	4,474	4,726
Part time for economic reasons	5,811	5,536	4,778	4,448	875	936	425	426
Part time for noneconomic reasons	15,011	15,162	13,746	13,794	933	1,003	559	602

¹ Employed persons "with a job but not at work" are distributed proportionately among the full- and part-time employed categories.
NOTE: Detail for the above race and Hispanic-origin groups will not

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Category	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984
CHARACTERISTIC								
Total (all civilian workers)	5,458	5,755	3,366	3,470	513	592	494	444
Men	3,231	3,390	2,023	2,105	310	352	266	248
Women	2,228	2,364	1,343	1,365	203	240	228	196
OCCUPATION								
Managerial and professional specialty	659	690	352	328	61	84	78	77
Executive, administrative, and managerial	314	361	165	181	29	44	36	42
Professional specialty	346	329	186	147	31	39	42	35
Technical, sales, and administrative support	1,415	1,509	816	831	150	195	168	138
Technicians and related support	106	125	65	76	14	17	9	3
Sales occupations	471	542	265	308	41	56	54	52
Administrative support, including clerical	838	843	485	447	95	122	105	83
Service occupations	959	986	554	569	109	106	78	61
Private household	76	95	39	57	7	2	1	1
Protective service	81	72	46	35	12	17	9	7
Service, except private household and protective	802	818	470	476	89	86	68	54
Precision production, craft, and repair	814	838	555	558	62	48	47	61
Mechanics and repairers	234	248	156	161	16	16	15	17
Construction trades	272	274	206	195	15	15	15	14
Other precision production, craft, and repair	308	316	193	202	30	16	18	29
Operators, fabricators, and laborers	1,356	1,442	858	923	130	151	121	102
Machine operators, assemblers, and inspectors	749	749	447	448	91	91	69	54
Transportation and material moving occupations	249	267	152	177	15	28	29	16
Handlers, equipment cleaners, helpers, and laborers	359	426	259	298	24	33	23	31
Construction laborers	73	69	62	57	-	-	1	3
Other handlers, equipment cleaners, helpers, and laborers	285	357	196	240	23	32	22	28
Farming, forestry, and fishing	254	290	232	262	2	8	2	5
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	210	235	199	227	3	4	2	1
Self-employed workers	31	25	23	16	-	-	1	3
Unpaid family workers	1	-	2	-	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	4,954	5,192	2,999	3,052	495	574	445	404
Government	717	704	474	419	82	98	37	29
Private industries	4,237	4,488	2,526	2,634	413	476	408	374
Private households	85	115	47	70	8	2	1	1
Other industries	4,152	4,373	2,479	2,564	405	474	407	373
Self-employed workers	246	288	136	167	13	11	40	34
Unpaid family workers	17	15	7	8	2	3	6	3
FULL- AND PART-TIME STATUS²								
Full-time schedules	4,474	4,726	2,726	2,832	439	502	410	364
Part time for economic reasons	425	426	300	294	27	38	25	21
Part time for noneconomic reasons	559	602	341	345	47	53	60	59

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 proportionately among the full- and part-time employed categories.

**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 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984
Total, 16 years and over	102,826	106,186	90,651	92,800	9,573	10,419	5,458	5,755
16 to 19 years	6,081	6,099	5,576	5,512	369	458	344	398
16 to 17 years	2,174	2,281	2,043	2,107	88	131	109	130
18 to 19 years	3,907	3,818	3,533	3,405	281	326	235	268
20 to 24 years	13,891	14,266	12,303	12,381	1,269	1,521	896	902
25 years and over	82,854	85,820	72,772	74,907	7,936	8,440	4,219	4,455
25 to 54 years	68,388	71,502	59,688	62,073	6,792	7,261	3,794	3,996
55 years and over	14,467	14,318	13,083	12,835	1,144	1,179	425	460
Men, 16 years and over	57,680	59,469	51,322	52,589	4,909	5,249	3,231	3,390
16 to 19 years	3,126	3,101	2,839	2,808	203	229	190	206
16 to 17 years	1,089	1,146	1,014	1,060	47	62	61	66
18 to 19 years	2,037	1,955	1,825	1,748	156	167	129	141
20 to 24 years	7,305	7,529	6,447	6,542	685	804	508	529
25 years and over	47,249	48,839	42,035	43,239	4,021	4,216	2,532	2,655
25 to 54 years	38,694	40,426	34,204	35,581	3,440	3,647	2,263	2,370
55 years and over	8,556	8,413	7,831	7,659	581	568	270	284
Women, 16 years and over	45,146	46,717	39,329	40,211	4,664	5,170	2,228	2,364
16 to 19 years	2,955	2,998	2,737	2,704	165	229	154	192
16 to 17 years	1,085	1,135	1,029	1,047	40	70	48	64
18 to 19 years	1,870	1,863	1,708	1,657	125	159	106	128
20 to 24 years	6,586	6,737	5,856	5,840	584	718	388	373
25 years and over	35,605	36,982	30,737	31,668	3,915	4,224	1,687	1,800
25 to 54 years	29,694	31,075	25,484	26,492	3,352	3,614	1,531	1,624
55 years and over	5,911	5,907	5,252	5,176	563	611	155	175

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 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984
Total, 16 years and over	8.2	7.0	7.1	6.0	17.3	14.6	11.7	10.0
16 to 19 years	20.4	18.2	17.3	15.4	49.2	42.0	23.8	21.9
16 to 17 years	22.4	19.6	19.8	17.3	56.5	45.1	26.2	25.4
18 to 19 years	19.3	17.3	15.8	14.2	46.4	40.7	22.7	20.0
20 to 24 years	12.4	10.5	10.0	8.5	30.0	23.3	13.9	12.1
25 years and over	6.4	5.4	5.6	4.8	12.2	10.5	10.0	8.3
25 to 54 years	6.7	5.7	5.9	4.9	12.9	11.0	10.2	8.1
55 years and over	4.6	4.2	4.2	3.9	7.8	7.4	8.2	9.4
Men, 16 years and over	8.3	6.8	7.3	5.9	17.1	14.7	11.9	9.5
16 to 19 years	21.6	19.8	18.9	16.9	46.4	44.7	24.3	22.2
16 to 17 years	23.9	20.8	21.7	18.8	54.8	45.7	26.0	28.2
18 to 19 years	20.2	19.2	17.3	15.7	43.2	44.3	23.5	19.1
20 to 24 years	13.4	10.8	11.1	9.0	29.2	22.5	14.7	12.3
25 years and over	6.5	5.2	5.8	4.6	12.1	10.4	10.2	7.8
25 to 54 years	6.8	5.4	6.1	4.7	12.6	10.6	10.4	7.4
55 years and over	4.9	4.3	4.4	3.9	9.1	9.0	8.5	10.1
Women, 16 years and over	8.0	7.1	6.7	6.1	17.5	14.5	11.2	10.6
16 to 19 years	19.2	16.5	15.5	13.7	52.2	39.1	23.2	21.5
16 to 17 years	20.8	18.4	17.8	15.7	58.3	44.6	26.3	22.4
18 to 19 years	18.2	15.3	14.1	12.4	49.8	36.3	21.7	21.1
20 to 24 years	11.3	10.2	8.7	8.0	31.0	24.2	12.7	11.8
25 years and over	6.3	5.7	5.4	5.0	12.2	10.7	9.6	9.0
25 to 54 years	6.7	6.0	5.7	5.2	13.1	11.4	9.8	9.1
55 years and over	4.2	4.0	3.8	3.8	6.5	5.9	8.3	8.4

**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 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984
DURATION								
Total, 16 years and over	9,168	7,945	6,877	5,901	2,001	1,788	720	638
Less than 5 weeks	3,308	3,267	2,558	2,492	623	663	282	285
5 to 14 weeks	2,631	2,428	1,952	1,802	595	549	221	201
15 weeks and over	3,230	2,250	2,366	1,606	783	575	216	152
15 to 26 weeks	1,222	939	901	685	289	211	102	75
27 weeks and over	2,008	1,312	1,465	920	495	364	114	77
Average (mean) duration, in weeks	19.6	16.8	19.0	16.1	22.2	19.6	15.8	13.6
Median duration, in weeks	8.9	7.0	8.5	6.7	9.4	7.1	7.7	6.4
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	36.1	41.1	37.2	42.2	31.1	37.1	39.2	44.7
5 to 14 weeks	28.7	30.6	28.4	30.5	29.7	30.7	30.7	31.5
15 weeks and over	35.2	28.3	34.4	27.2	39.1	32.2	30.0	23.8
15 to 26 weeks	13.3	11.8	13.1	11.6	14.4	11.8	14.2	11.8
27 weeks and over	21.9	16.5	21.3	15.6	24.7	20.4	15.8	12.1

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.

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

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin	
	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984
NUMBER OF UNEMPLOYED								
Total, 16 years and over	9,168	7,945	6,877	5,901	2,001	1,788	720	638
Job losers	5,072	4,063	3,920	3,118	1,114	928	452	361
On layoff	1,244	1,022	1,040	882	180	117	92	81
Other job losers	3,828	3,042	2,880	2,236	935	811	360	280
Job leavers	858	862	714	701	16	24	64	66
Reentrants	2,210	2,118	1,572	1,515	549	531	131	140
New entrants	1,028	902	672	567	322	305	73	83
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	55.3	51.1	57.0	52.8	55.7	51.9	62.8	56.6
On layoff	13.6	12.9	15.1	15.0	9.0	6.6	12.8	12.7
Other job losers	41.8	38.3	41.9	37.9	46.7	45.4	50.0	43.9
Job leavers	9.4	10.8	10.4	11.9	.8	1.3	8.8	10.3
Reentrants	24.1	26.7	22.9	25.7	27.4	29.7	18.1	21.9
New entrants	11.2	11.3	9.8	9.6	16.1	17.1	10.1	13.0
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	4.5	3.6	4.0	3.2	9.6	7.6	7.3	5.7
Job leavers .....	.8	.8	.7	.7	.1	.2	1.0	1.0
Reentrants	2.0	1.9	1.6	1.5	4.7	4.3	2.1	2.2
New entrants .....	.9	.8	.7	.6	2.8	2.5	1.2	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							
	IV 1983	IV 1984	Total		Employed		Unemployed			
			IV 1983	IV 1984	IV 1983	IV 1984	Number		Percent of labor force	
							IV 1983	IV 1984	IV 1983	IV 1984
VETERANS										
Total, 25 years and over	7,896	7,924	7,389	7,439	6,877	7,036	513	403	6.9	5.4
25 to 29 years	5,744	5,346	5,509	5,147	5,096	4,838	413	310	7.5	6.0
25 to 29 years	607	396	568	378	501	336	67	42	11.8	11.0
30 to 34 years	2,000	1,567	1,907	1,506	1,740	1,391	167	116	8.8	7.7
35 to 39 years	3,137	3,382	3,034	3,263	2,855	3,111	179	152	5.9	4.7
40 years and over	2,153	2,579	1,880	2,292	1,781	2,199	99	93	5.3	4.1
NONVETERANS										
Total, 25 to 39 years	20,367	21,522	19,192	20,348	17,756	19,170	1,436	1,177	7.5	5.8
25 to 29 years	8,782	9,052	8,207	8,482	7,497	7,917	709	564	8.6	6.7
30 to 34 years	6,993	7,622	6,623	7,264	6,180	6,873	443	391	6.7	5.4
35 to 39 years	4,593	4,848	4,362	4,602	4,079	4,380	283	222	6.5	4.8

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

are limited to those 25 to 39 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 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984	IV 1983	IV 1984
TOTAL, 25 to 39 years												
Civilian noninstitutional population	5,055	4,732	604	523	223	222	17,521	18,388	2,072	2,279	1,536	1,524
Civilian labor force	4,870	4,584	562	481	211	214	16,728	17,581	1,826	2,010	1,439	1,429
Employed	4,538	4,329	491	435	202	203	15,620	16,705	1,559	1,761	1,285	1,313
Unemployed	334	254	72	45	9	11	1,108	876	269	250	154	116
Unemployment rate	6.9	5.5	12.8	9.4	4.3	5.1	6.6	5.0	14.7	12.4	10.7	8.1
25 to 29 years												
Civilian noninstitutional population	491	321	104	63	26	20	7,589	7,752	900	962	650	680
Civilian labor force	463	309	95	58	26	20	7,202	7,364	778	835	608	633
Employed	413	276	81	49	24	19	6,650	6,944	647	710	533	577
Unemployed	51	33	14	8	2	1	552	421	132	125	75	56
Unemployment rate	11.0	10.7	14.7	(¹)	(¹)	(¹)	7.7	5.7	17.0	15.0	12.3	8.8
30 to 34 years												
Civilian noninstitutional population	1,748	1,363	224	181	83	73	5,996	6,540	710	793	499	488
Civilian labor force	1,673	1,320	208	165	79	72	5,756	6,293	626	706	469	461
Employed	1,536	1,228	180	147	77	67	5,417	5,997	543	626	422	426
Unemployed	138	91	29	18	2	5	339	296	84	80	47	35
Unemployment rate	8.2	6.9	13.9	10.9	2.5	6.9	5.9	4.7	13.4	11.3	10.0	7.6
35 to 39 years												
Civilian noninstitutional population	2,816	3,048	276	279	114	129	3,936	4,096	462	524	387	356
Civilian labor force	2,734	2,955	259	258	106	122	3,770	3,924	422	469	362	335
Employed	2,589	2,825	230	239	101	117	3,553	3,764	369	425	330	310
Unemployed	145	130	29	19	5	5	217	159	53	45	32	25
Unemployment rate	5.3	4.4	11.2	7.4	4.7	4.1	5.8	4.1	12.6	9.6	8.8	7.5

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-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 1983					IV 1984				
	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	61,442	6,722	30.7	69.3	60.3	62,194	5,922	30.6	69.4	60.0
With children under 18 years of age	30,680	4,028	32.1	67.9	58.8	30,955	3,541	32.7	67.3	57.8
Married-couple families	49,597	4,877	23.1	76.9	68.0	50,082	4,169	22.3	77.7	68.4
With children under 18 years of age	23,987	2,980	21.6	78.4	68.8	24,248	2,556	21.4	78.6	69.0
Families maintained by women	9,692	1,505	53.5	46.5	36.8	9,788	1,443	52.1	47.9	37.6
With children under 18 years of age	5,911	935	62.5	37.5	29.6	5,875	881	62.4	37.6	28.4
Families maintained by men	2,153	340	38.2	61.8	53.2	2,324	310	41.9	58.1	51.3
With children under 18 years of age	782	113	56.6	43.4	38.9	832	105	61.0	39.0	31.4
White										
Total families	53,496	5,182	28.0	72.0	62.9	53,941	4,526	27.9	72.1	62.8
With children under 18 years of age	25,836	3,003	28.4	71.6	62.2	26,014	2,660	29.1	70.9	61.4
Married-couple families	45,075	4,100	23.7	76.3	67.7	45,434	3,516	22.4	77.6	68.5
With children under 18 years of age	21,370	2,452	22.1	77.9	68.4	21,583	2,132	21.6	78.4	69.1
Families maintained by women	6,708	832	47.5	52.5	41.5	6,694	796	48.6	51.4	40.7
With children under 18 years of age	3,836	463	56.6	43.4	33.5	3,781	451	59.4	40.6	30.4
Families maintained by men	1,713	249	34.8	65.2	55.6	1,814	214	41.8	58.2	51.2
With children under 18 years of age	630	88	53.4	46.6	42.0	650	77	58.4	41.6	32.5
Black										
Total families	6,511	1,348	40.5	59.5	51.1	6,655	1,201	40.1	59.9	49.9
With children under 18 years of age	3,916	890	43.7	56.3	48.7	3,930	755	44.6	55.4	45.4
Married-couple families	3,379	630	18.6	81.4	71.7	3,394	512	19.7	80.3	69.7
With children under 18 years of age	1,857	418	16.3	83.7	73.4	1,830	326	16.9	83.1	70.8
Families maintained by women	2,780	645	61.3	38.7	31.3	2,858	614	56.2	43.8	33.7
With children under 18 years of age	1,934	456	68.2	31.8	26.3	1,944	406	65.3	34.7	26.6
Families maintained by men	352	73	45.2	54.8	47.9	403	76	48.0	52.0	45.3
With children under 18 years of age	124	16	(¹)	(¹)	(¹)	156	23	(¹)	(¹)	(¹)
Hispanic origin										
Total families	3,488	558	35.4	64.6	55.1	3,535	516	33.3	66.7	57.8
With children under 18 years of age	2,362	395	39.1	60.9	50.0	2,343	356	36.0	64.0	54.5
Married-couple families	2,547	408	29.4	70.6	61.0	2,546	373	25.5	74.5	64.1
With children under 18 years of age	1,737	308	31.6	68.4	57.3	1,719	269	26.4	73.6	63.2
Families maintained by women	785	113	58.9	41.1	33.0	796	115	54.8	45.2	40.9
With children under 18 years of age	571	76	67.1	32.9	25.0	563	79	65.8	34.2	31.6
Families maintained by men	155	38	(¹)	(¹)	(¹)	193	28	(¹)	(¹)	(¹)
With children under 18 years of age	54	11	(¹)	(¹)	(¹)	61	8	(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. Because of the introduction of new estimation techniques beginning with data for January 1983, these data are not comparable with those previously published.

**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 1983				IV 1984			
	Total	Percent of unemployed:			Total	Percent of unemployed:		
		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total unemployed in families ¹	7,705	32.9	67.1	58.1	6,676	33.2	66.8	57.7
Husbands	1,945	43.9	56.1	43.1	1,610	43.9	56.1	41.4
With children under 18 years of age	1,243	46.2	53.8	39.2	1,028	46.9	53.1	37.2
Wives	1,513	21.0	79.0	71.3	1,405	18.2	81.8	75.0
With children under 18 years of age	976	18.5	81.5	73.3	920	17.2	82.8	75.8
Relatives in married-couple families	2,101	12.9	87.1	82.2	1,636	12.5	87.5	82.1
Women who maintain families	653	82.9	17.1	9.2	622	83.2	16.8	10.2
With children under 18 years of age	548	89.8	10.2	4.4	511	91.0	9.0	3.4
Relatives in families maintained by women	1,111	36.1	63.9	52.6	1,050	35.6	64.4	52.2
Men who maintain families	142	62.8	37.2	27.3	135	69.6	30.4	24.1
With children under 18 years of age	65	88.2	11.8	7.5	63	91.7	8.3	4.9
Relatives in families maintained by men	241	26.0	74.0	64.3	219	28.1	71.9	65.1
White								
Total unemployed in families ¹	5,787	30.4	69.6	60.6	4,971	30.5	69.5	60.3
Husbands	1,662	44.9	55.1	42.1	1,368	44.8	55.2	40.6
With children under 18 years of age	1,029	47.7	52.3	37.4	859	48.3	51.7	36.1
Wives	1,290	20.7	79.3	72.2	1,187	17.6	82.4	75.8
With children under 18 years of age	818	17.9	82.1	74.7	767	16.9	83.1	76.3
Relatives in married-couple families	1,660	12.9	87.1	82.5	1,314	11.7	88.3	82.8
Women who maintain families	330	75.7	24.3	14.1	329	79.2	20.8	12.5
With children under 18 years of age	259	84.9	15.1	6.6	257	88.3	11.7	3.1
Relatives in families maintained by women	581	32.1	67.9	55.4	541	33.5	66.5	55.3
Men who maintain families	103	62.1	37.9	26.4	98	68.6	31.4	26.6
With children under 18 years of age	46	(²)	(²)	(²)	46	(²)	(²)	(²)
Relatives in families maintained by men	161	19.2	80.8	71.0	134	24.8	75.2	67.3
Black								
Total unemployed in families ¹	1,676	41.4	58.6	50.1	1,492	41.7	58.3	48.7
Husbands	215	34.1	65.9	51.6	181	32.9	67.1	50.9
With children under 18 years of age	157	33.2	66.8	52.0	123	34.4	65.6	45.7
Wives	179	23.4	76.6	66.1	174	22.8	77.2	67.8
With children under 18 years of age	127	22.0	78.0	66.2	121	19.9	80.1	70.1
Relatives in married-couple families	369	12.6	87.4	81.3	275	15.6	84.4	79.1
Women who maintain families	307	90.9	9.1	4.1	278	87.6	12.4	7.9
With children under 18 years of age	278	94.4	5.6	2.5	240	93.5	6.5	3.8
Relatives in families maintained by women	509	40.8	59.2	50.1	489	38.4	61.6	48.2
Men who maintain families	27	(²)	(²)	(²)	28	(²)	(²)	(²)
With children under 18 years of age	11	(²)	(²)	(²)	14	(²)	(²)	(²)
Relatives in families maintained by men	70	40.7	59.3	49.1	68	39.1	60.9	54.9
Hispanic origin								
Total unemployed in families ¹	635	36.8	63.2	53.7	563	36.5	63.5	54.8
Husbands	208	54.3	45.7	36.2	166	50.6	49.4	35.8
With children under 18 years of age	164	57.2	42.8	32.1	130	52.9	47.1	32.8
Wives	125	25.9	74.1	59.8	116	18.7	81.3	74.4
With children under 18 years of age	98	27.7	72.3	55.5	80	20.8	79.2	71.2
Relatives in married-couple families	138	3.3	96.7	93.7	127	8.7	91.3	82.5
Women who maintain families	51	(²)	(²)	(²)	55	(²)	(²)	(²)
With children under 18 years of age	45	(²)	(²)	(²)	45	(²)	(²)	(²)
Relatives in families maintained by women	73	37.9	62.1	51.2	64	40.8	59.2	55.9
Men who maintain families	16	(²)	(²)	(²)	11	(²)	(²)	(²)
With children under 18 years of age	8	(²)	(²)	(²)	5	(²)	(²)	(²)
Relatives in families maintained by men	24	(²)	(²)	(²)	24	(²)	(²)	(²)

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

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. Because of the introduction of new estimation techniques beginning with data for January 1983, these data are not comparable with those previously published. Moreover, 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.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Family relationship, race, and Hispanic origin	IV 1983				IV 1984			
	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	85,345	25.1	74.9	62.8	87,558	24.0	76.0	64.4
Husbands	37,248	34.1	65.9	46.7	37,942	32.6	67.4	48.7
With children under 18 years of age	21,644	38.3	63.7	41.4	22,170	34.7	65.3	43.6
Wives	24,716	9.9	90.1	84.7	25,593	9.1	90.9	86.1
With children under 18 years of age	13,313	6.5	93.5	89.0	13,974	5.5	94.5	90.8
Relatives in married-couple families	11,510	7.0	93.0	88.5	11,662	6.7	93.3	89.3
Women who maintain families	5,200	65.1	34.9	22.5	5,326	63.0	37.0	24.0
With children under 18 years of age	3,481	79.0	21.0	9.6	3,467	79.4	20.6	9.1
Relatives in families maintained by women	3,995	26.0	74.0	63.4	4,096	25.2	74.8	64.5
Men who maintain families	1,469	52.1	47.9	35.4	1,618	52.7	47.3	34.9
With children under 18 years of age	638	74.9	25.1	13.2	704	80.8	19.2	10.3
Relatives in families maintained by men	1,208	19.2	80.8	72.2	1,322	18.5	81.5	74.0
White								
Total employed in families ¹	75,669	24.5	75.5	63.0	77,013	23.4	76.6	64.6
Husbands	33,972	34.5	65.5	45.8	34,543	33.1	66.9	47.6
With children under 18 years of age	19,461	37.0	63.0	39.8	19,896	35.4	64.6	41.9
Wives	22,266	9.5	90.5	85.1	22,936	8.7	91.3	86.6
With children under 18 years of age	11,734	5.9	94.1	89.6	12,317	5.0	95.0	91.5
Relatives in married-couple families	10,384	7.0	93.0	88.6	10,394	6.8	93.2	89.4
Women who maintain families	3,838	62.5	37.5	23.8	3,801	59.9	40.1	25.4
With children under 18 years of age	2,517	76.8	23.2	9.9	2,433	77.3	22.7	9.0
Relatives in families maintained by women	3,031	26.4	73.6	63.3	3,008	25.4	74.6	64.6
Men who maintain families	1,200	51.8	48.2	35.2	1,281	52.0	48.0	35.4
With children under 18 years of age	524	74.1	25.9	12.4	559	79.3	20.7	10.0
Relatives in families maintained by men	976	18.8	81.2	73.0	1,051	17.5	82.5	75.3
Black								
Total employed in families ¹	7,530	30.7	69.3	59.6	8,089	29.7	70.3	61.2
Husbands	2,406	28.7	71.3	58.0	2,437	25.5	74.5	62.0
With children under 18 years of age	1,551	28.2	71.8	58.0	1,577	25.4	74.6	61.8
Wives	1,833	14.9	85.1	79.2	1,961	14.0	86.0	80.7
With children under 18 years of age	1,185	12.1	87.9	82.9	1,200	9.3	90.7	85.3
Relatives in married-couple families	785	8.0	92.0	86.1	866	6.5	93.5	87.5
Women who maintain families	1,252	72.5	27.5	18.8	1,406	71.6	28.4	19.8
With children under 18 years of age	868	84.9	15.1	9.1	961	84.4	15.6	9.1
Relatives in families maintained by women	871	25.0	75.0	63.3	967	25.3	74.7	63.5
Men who maintain families	218	55.6	44.4	34.3	267	59.2	40.8	30.7
With children under 18 years of age	99	78.4	21.6	16.5	130	87.5	12.5	10.7
Relatives in families maintained by men	165	23.4	76.6	65.0	184	24.5	75.5	68.5
Hispanic origin								
Total employed in families ¹	4,729	27.7	72.3	62.5	4,974	27.0	73.0	63.6
Husbands	2,011	40.9	59.1	46.1	2,060	39.8	60.2	47.1
With children under 18 years of age	1,479	44.0	56.0	42.2	1,514	42.9	57.1	43.7
Wives	1,175	8.4	91.6	85.3	1,257	11.3	88.7	82.2
With children under 18 years of age	791	8.7	93.3	87.9	831	8.2	91.8	84.5
Relatives in married-couple families	752	7.5	92.5	85.7	753	5.3	94.7	90.4
Women who maintain families	319	64.5	35.5	25.3	352	59.9	40.1	27.5
With children under 18 years of age	219	75.6	24.4	13.9	232	73.2	26.8	15.9
Relatives in families maintained by women	254	28.6	71.4	62.6	269	20.9	79.1	69.0
Men who maintain families	111	37.7	62.3	52.7	143	40.4	59.6	53.1
With children under 18 years of age	36	(²)	(²)	(²)	47	(²)	(²)	(²)
Relatives in families maintained by men	108	12.4	87.6	77.7	140	10.2	89.8	84.9

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

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. Because of the introduction of new estimation techniques beginning with data for January 1983, these data are not comparable with those previously published. Moreover, 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.

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

Type of family, number of earners, race, and Hispanic origin	Number of families (in thousands)		Median weekly earnings			
	III 1983	III 1984	III 1983	III 1984	Percent change over the year in:	
					Current dollars	Constant dollars
TOTAL						
Total families with earners ¹	41,177	41,195	\$480	\$503	4.8	0.6
Married-couple families	33,394	33,115	514	555	7.8	3.5
One earner	14,441	13,582	359	373	3.9	-.3
Husband	11,440	10,831	404	413	2.2	-1.9
Wife	2,272	2,107	204	206	1.4	-2.7
Other family member	729	643	193	203	4.9	.6
Two or more earners	18,952	19,533	658	688	4.5	.3
Husband and wife	16,028	16,501	666	697	4.6	.4
Husband and other family member(s)	2,244	2,339	681	701	3.0	-1.2
Wife and other family member(s)	536	475	397	456	14.9	10.3
Other family members only	145	218	404	414	2.4	-1.7
Families maintained by women	6,101	6,360	271	288	6.3	2.0
One earner	4,216	4,301	213	234	9.7	5.3
Householder	3,243	3,235	225	244	8.6	4.2
Other family member	973	1,066	175	205	17.1	12.4
Two or more earners	1,885	2,059	453	448	-1.2	-5.2
Families maintained by men	1,682	1,719	414	401	-3.2	-7.1
One earner	998	1,049	325	300	-7.7	-11.4
Two or more earners	683	670	601	606	.7	-3.3
White						
Total families with earners ¹	35,495	35,325	497	518	4.3	.1
Married-couple families	29,683	29,493	524	562	7.3	3.0
One earner	12,993	12,201	371	392	5.5	1.2
Husband	10,505	9,857	406	427	5.2	.9
Wife	1,854	1,772	204	207	1.1	-2.9
Two or more earners	16,690	17,293	665	697	4.8	.6
Husband and wife	14,058	14,583	672	703	4.6	.4
Families maintained by women	4,459	4,517	287	305	6.5	2.2
Families maintained by men	1,353	1,315	447	409	-8.6	-12.2
Black						
Total families with earners ¹	4,677	4,752	350	365	4.3	.2
Married-couple families	2,906	2,706	430	470	9.3	4.9
One earner	1,116	998	240	256	6.6	2.3
Husband	691	683	283	302	6.7	2.4
Wife	345	268	199	201	.8	-3.3
Two or more earners	1,790	1,708	580	607	4.7	.5
Husband and wife	1,560	1,456	609	620	1.7	-2.4
Families maintained by women	1,503	1,701	229	241	5.0	.8
Families maintained by men	268	346	315	360	14.3	9.7
Hispanic origin						
Total families with earners ¹	2,574	2,497	375	394	5.1	.9
Married-couple families	1,994	1,879	407	449	10.3	5.8
One earner	932	807	269	280	4.1	.0
Husband	790	678	303	300	-.7	-4.7
Wife	91	85	(²)	(²)	(²)	(²)
Two or more earners	1,062	1,072	\$561	\$564	.5	-3.5
Husband and wife	861	840	561	573	2.1	-2.0
Families maintained by women	435	438	219	248	13.2	8.6
Families maintained by men	145	180	373	323	-13.4	-16.9

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.

NOTE: The Consumer Price Index for All Urban Consumers (CPI-U) is used to deflate quarterly earnings data published in tables A-71 through A-75. Because the Index for the most recent quarter is not available at the time *Employment and Earnings* is published, it is necessary to lag the publication of these tables by 1 quarter. Data on families for 1984

reflect revised editing and weighting procedures and are not comparable with data for 1983 and prior years. Moreover, data on median weekly earnings are now derived using \$10 intervals rather than the \$50 intervals previously used. Data for 1983 and prior years have been recalculated and are not comparable with previously published data. 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

Type of family and relationship of unemployed members to wage and salary earners	Number of families (in thousands)		Median weekly earnings			
	III 1983	III 1984	III 1983	III 1984	Percent change over the year in:	
					Current dollars	Constant dollars
Married-couple families ¹	4,150	3,277	\$376	\$375	-0.2	-4.2
Husband unemployed	1,143	899	209	220	5.5	1.3
Wife only earner	849	710	204	206	1.3	-2.8
Wife and other earner(s)	170	112	352	408	16.0	11.3
Other earner(s) only	124	77	135	(²)	(²)	(²)
Wife unemployed	1,455	1,230	375	\$374	-5	-4.5
Husband only earner	1,248	1,034	357	350	-1.8	-5.8
Husband and other earner(s)	179	145	617	664	7.6	3.3
Other earner(s) only	28	50	(²)	(²)	(²)	(²)
Other member(s) unemployed	1,552	1,149	\$576	\$580	.7	-3.4
Husband or wife earner	681	508	443	411	-7.2	-11.0
Both husband and wife earners	801	591	694	705	1.6	-2.5
Other combinations of earners	70	50	(²)	(²)	(²)	(²)
Families maintained by women ¹	721	660	\$254	\$243	-4.5	-8.4
Householder unemployed	104	131	189	166	-12.3	-15.8
Other member(s) unemployed	617	529	267	254	-4.8	-8.6
Families maintained by men ¹	226	227	350	332	-5.2	-9.0

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.

NOTE: Data on families for 1984 reflect revised editing and weighting

procedures and are not comparable with data for 1983 and prior years. Moreover, data on median weekly earnings are now derived using \$10 intervals rather than the \$50 intervals previously used. Data for 1983 and prior years have been recalculated and are not comparable with previously published data .

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY DATA**

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

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	III 1983	III 1984	III 1983	III 1984	Percent change over the year in:	
					Current dollars	Constant dollars
SEX AND AGE						
Total, 16 years and over	73,389	77,016	\$308	\$324	5.3	1.1
Men, 16 years and over	43,912	46,139	380	400	5.0	.8
16 to 24 years	7,725	8,194	215	225	4.7	.5
25 years and over	36,186	37,945	407	425	4.4	.2
Women, 16 years and over	29,477	30,877	250	258	3.4	-.8
16 to 24 years	5,927	6,104	197	201	2.2	-2.0
25 years and over	23,550	24,772	261	282	8.1	3.8
FAMILY RELATIONSHIP						
Husbands	29,340	30,287	408	439	7.6	3.3
Wives	14,975	15,802	255	273	6.9	2.6
Others in married-couple families	7,170	7,827	203	205	.9	(²)
Women who maintain families	4,059	4,378	254	267	4.8	.6
Others in such families	2,757	2,995	206	214	3.5	-.7
Men who maintain families	1,308	1,187	363	367	1.1	-2.9
Others in such families	967	997	227	241	6.1	1.8
All other men ¹	6,877	7,392	354	376	6.0	1.8
All other women ¹	5,937	6,151	265	282	6.7	2.4
RACE AND HISPANIC ORIGIN						
White	63,880	66,717	320	331	3.6	-.5
Men	38,868	40,659	399	402	.8	-3.3
Women	25,012	26,059	251	262	4.4	.2
Black	7,602	8,183	255	264	3.5	-.6
Men	3,977	4,311	299	306	2.2	-1.9
Women	3,625	3,872	228	238	4.1	-.1
Hispanic origin	4,328	4,522	248	252	1.5	-2.6
Men	2,799	2,858	273	279	2.3	-1.8
Women	1,529	1,664	205	221	7.9	3.5

¹ The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband or wife is in the Armed Forces, persons in unrelated subfamilies, and those whose family status is unknown.

² Less than 0.05 percent.

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 median weekly earnings are now derived using \$10 intervals rather than the \$50 intervals previously used. Data for 1983 and prior years have been recalculated and are not comparable with previously published data.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	III 1983	III 1984	III 1983	III 1984	Percent change over the year in:	
					Current dollars	Constant dollars
SEX AND AGE						
Total, 16 years and over	16,762	16,515	\$91	\$96	6.1	1.8
Men, 16 years and over	5,340	5,021	88	93	5.0	.8
16 to 24 years	3,188	2,918	79	81	2.8	-1.4
25 years and over	2,151	2,103	111	109	-1.8	-5.8
Women, 16 years and over	11,422	11,494	92	99	6.9	2.6
16 to 24 years	4,011	3,971	76	80	5.5	1.2
25 years and over	7,411	7,523	104	107	2.9	-1.3
FAMILY RELATIONSHIP						
Husbands	1,436	1,372	114	111	-2.8	-6.7
Wives	5,833	5,875	106	108	2.6	-1.6
Others in married-couple families	4,877	4,579	73	78	6.6	2.3
Women who maintain families	834	836	99	99	.4	-3.7
Others in such families	1,231	1,312	79	80	.2	-3.8
Men who maintain families	80	70	126	(²)	(²)	(²)
Others in such families	332	290	89	\$89	1.0	-3.0
All other men ¹	719	750	112	106	-5.5	-9.3
All other women ¹	1,420	1,430	96	103	6.8	2.5
RACE AND HISPANIC ORIGIN						
White	14,749	14,286	93	98	5.4	1.2
Men	4,551	4,186	89	92	3.2	-1.0
Women	10,197	10,100	94	100	6.0	1.7
Black	1,606	1,734	82	87	6.5	2.3
Men	628	627	83	91	9.9	5.4
Women	978	1,107	81	85	4.5	.3
Hispanic origin	819	805	100	89	-10.9	-14.5
Men	282	270	106	95	-10.3	-13.9
Women	538	535	94	88	-7.0	-10.7

¹ The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband or wife is in the Armed Forces, persons in unrelated subfamilies, and those whose family status is unknown.

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

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. Data on median weekly earnings are now derived using \$10 intervals rather than the \$50 intervals previously used. Data for 1983 and prior years have been recalculated and are not comparable with previously published data.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

Occupation and sex	Number of workers (in thousands)		Median weekly earnings			
	III 1983	III 1984	III 1983	III 1984	Percent change over the year in:	
					Current dollars	Constant dollars
TOTAL						
Managerial and professional specialty	17,298	18,509	\$444	\$463	4.4	0.2
Executive, administrative, and managerial	8,153	9,033	464	484	4.2	.0
Professional specialty	9,145	9,476	420	455	8.3	3.9
Technical, sales, and administrative support	22,386	23,218	280	298	6.4	2.2
Technicians and related support	2,700	2,733	360	379	5.4	1.2
Sales occupations	6,486	7,003	304	316	3.8	-.4
Administrative support, including clerical	13,200	13,482	258	270	4.8	.6
Service occupations	7,793	8,085	204	206	1.0	-3.0
Private household	302	351	107	126	18.4	13.6
Protective service	1,555	1,499	343	371	7.9	3.6
Service, except private household and protective	5,937	6,234	188	199	6.1	1.9
Precision production, craft, and repair	10,500	11,049	387	382	-1.3	-5.3
Mechanics and repairers	3,654	3,774	388	399	3.0	-1.2
Construction trades	3,315	3,450	387	381	-1.7	-5.7
Other precision production, craft, and repair	3,531	3,826	385	375	-2.5	-6.5
Operators, fabricators, and laborers	13,873	14,555	274	292	6.8	2.5
Machine operators, assemblers, and inspectors	7,180	7,072	261	283	8.4	4.0
Transportation and material moving occupations	3,424	3,825	329	357	8.5	4.1
Handlers, equipment cleaners, helpers, and laborers	3,269	3,658	240	248	3.2	-.9
Farming, forestry, and fishing	1,539	1,600	193	202	4.7	.5
Men						
Managerial and professional specialty	10,204	10,779	517	553	7.0	2.7
Executive, administrative, and managerial	5,407	5,746	551	558	1.1	-2.9
Professional specialty	4,797	5,033	507	544	7.3	3.0
Technical, sales, and administrative support	8,372	8,724	400	404	1.0	-3.1
Technicians and related support	1,472	1,481	443	455	2.8	-1.3
Sales occupations	3,969	4,207	401	403	.6	-3.4
Administrative support, including clerical	2,931	3,036	362	380	5.0	.8
Service occupations	3,945	3,950	254	256	.8	-3.3
Private household	13	9	(¹)	(¹)	(¹)	(¹)
Protective service	1,400	1,312	\$352	\$384	9.0	4.6
Service, except private household and protective	2,532	2,628	221	221	.2	-3.8
Precision production, craft, and repair	9,718	10,165	401	400	-.1	-4.1
Mechanics and repairers	3,544	3,694	390	399	2.4	-1.8
Construction trades	3,265	3,398	393	382	-2.7	-6.6
Other precision production, craft, and repair	2,909	3,072	406	405	-.2	-4.2
Operators, fabricators, and laborers	10,349	11,090	306	322	5.0	.8
Machine operators, assemblers, and inspectors	4,350	4,360	320	340	6.1	1.8
Transportation and material moving occupations	3,267	3,632	341	361	5.9	1.7
Handlers, equipment cleaners, helpers, and laborers	2,733	3,098	244	252	3.3	-.8
Farming, forestry, and fishing	1,324	1,431	197	203	3.3	-.9
Women						
Managerial and professional specialty	7,094	7,730	355	380	7.2	2.8
Executive, administrative, and managerial	2,746	3,287	345	363	5.3	1.1
Professional specialty	4,348	4,443	358	392	9.4	5.0
Technical, sales, and administrative support	14,014	14,494	247	255	3.2	-1.0
Technicians and related support	1,228	1,252	301	307	1.9	-2.2
Sales occupations	2,517	2,796	203	216	6.4	2.2
Administrative support, including clerical	10,269	10,446	248	255	2.7	-1.4
Service occupations	3,849	4,135	168	177	5.1	.9
Private household	288	342	106	126	18.4	13.6
Protective service	155	187	245	301	22.7	17.8
Service, except private household and protective	3,405	3,606	172	178	3.7	-.5
Precision production, craft, and repair	782	885	244	245	.5	-3.5
Mechanics and repairers	110	80	356	(¹)	(¹)	(¹)
Construction trades	50	52	(¹)	(¹)	(¹)	(¹)
Other precision production, craft, and repair	622	753	\$238	\$244	2.3	-1.8
Operators, fabricators, and laborers	3,523	3,464	203	209	2.8	-1.3
Machine operators, assemblers, and inspectors	2,830	2,712	202	208	2.8	-1.3
Transportation and material moving occupations	157	192	224	249	11.1	6.6
Handlers, equipment cleaners, helpers, and laborers	536	560	206	212	3.1	-1.0
Farming, forestry, and fishing	215	169	183	167	-8.9	-12.5

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

NOTE: Data on median weekly earnings are now derived using \$10 intervals rather than the \$50 intervals previously used. Data for 1983

have been recalculated and are not comparable with previously published data.

**ESTABLISHMENT DATA
HISTORICAL EMPLOYMENT**

B-1. Employees on nonagricultural payrolls by major industry, 1934 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															
1934	25,940	22,641	10,261	883	877	8,501	15,679	2,750	(¹)	(¹)	1,304	3,045	652	(¹)	(¹)
1935	27,039	23,558	10,893	897	927	9,069	16,146	2,786	(¹)	(¹)	1,320	3,128	753	(¹)	(¹)
1936	29,068	25,400	11,933	946	1,160	9,827	17,135	2,973	(¹)	(¹)	1,373	3,312	826	(¹)	(¹)
1937	31,011	27,255	12,936	1,015	1,127	10,794	18,075	3,134	(¹)	(¹)	1,417	3,503	833	(¹)	(¹)
1938	29,194	25,311	11,401	891	1,070	9,440	17,793	2,863	(¹)	(¹)	1,410	3,458	829	(¹)	(¹)
1939	30,603	26,608	12,297	854	1,165	10,278	18,306	2,936	(¹)	(¹)	1,447	3,502	905	(¹)	(¹)
1940	32,361	28,159	13,221	925	1,311	10,985	19,140	3,038	1,835	4,914	1,485	3,665	996	(¹)	(¹)
1941	36,539	31,877	15,963	957	1,814	13,192	20,574	3,274	1,960	5,251	1,525	3,905	1,340	(¹)	(¹)
1942	40,106	34,624	18,470	992	2,198	15,280	21,636	3,460	1,906	5,212	1,509	4,066	2,213	(¹)	(¹)
1943	42,434	36,356	20,114	925	1,587	17,602	22,320	3,647	1,822	5,160	1,481	4,130	2,905	(¹)	(¹)
1944	41,864	35,822	19,328	892	1,108	17,328	22,536	3,829	1,845	5,214	1,461	4,145	2,928	(¹)	(¹)
1945	40,374	34,431	17,507	836	1,147	15,524	22,867	3,906	1,949	5,365	1,481	4,222	2,808	(¹)	(¹)
1946	41,652	36,056	17,248	862	1,683	14,703	24,404	4,061	2,291	6,084	1,675	4,697	2,254	(¹)	(¹)
1947	43,857	38,382	18,509	955	2,009	15,545	25,348	4,166	2,471	6,485	1,728	5,025	1,892	(¹)	(¹)
1948	44,866	39,216	18,774	994	2,198	15,582	26,092	4,189	2,605	6,667	1,800	5,181	1,863	(¹)	(¹)
1949	43,754	37,897	17,565	930	2,184	14,441	26,189	4,001	2,602	6,662	1,828	5,240	1,908	(¹)	(¹)
1950	45,197	39,170	18,506	901	2,364	15,241	26,691	4,034	2,635	6,751	1,888	5,357	1,928	(¹)	(¹)
1951	47,819	41,430	19,959	929	2,637	16,393	27,860	4,226	2,727	7,015	1,956	5,547	2,302	(¹)	(¹)
1952	48,793	42,185	20,198	898	2,668	16,632	28,595	4,248	2,812	7,192	2,035	5,699	2,420	(¹)	(¹)
1953	50,202	43,556	21,074	866	2,659	17,549	29,128	4,290	2,854	7,393	2,111	5,835	2,305	(¹)	(¹)
1954	48,990	42,238	19,751	791	2,646	16,314	29,239	4,084	2,867	7,368	2,200	5,969	2,188	(¹)	(¹)
1955	50,641	43,727	20,513	792	2,839	16,882	30,128	4,141	2,926	7,610	2,298	6,240	2,187	(¹)	(¹)
1956	52,369	45,091	21,104	822	3,039	17,243	31,266	4,244	3,018	7,840	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	3,028	7,858	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	2,980	7,770	2,481	6,765	2,191	1,415	4,232
1959	53,268	45,186	20,411	732	3,004	16,675	32,857	4,011	3,082	8,045	2,549	7,087	2,233	1,484	4,366
1960 ²	54,189	45,836	20,434	712	2,926	16,796	33,755	4,004	3,143	8,248	2,629	7,378	2,270	1,536	4,547
1961	53,999	45,404	19,857	672	2,859	16,326	34,142	3,903	3,133	8,204	2,688	7,620	2,279	1,607	4,708
1962	55,549	46,660	20,451	650	2,948	16,853	35,098	3,906	3,198	8,368	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	3,248	8,530	2,830	8,277	2,358	1,747	5,121
1964	58,283	48,686	21,005	634	3,097	17,274	37,278	3,951	3,337	8,823	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	3,466	9,250	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	3,597	9,648	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	3,689	9,917	3,185	10,045	2,719	2,302	6,371
1968	67,897	56,058	23,737	606	3,350	19,781	44,160	4,318	3,779	10,320	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	3,907	10,798	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	3,993	11,047	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	4,001	11,351	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	4,113	11,836	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	4,277	12,329	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	4,433	12,554	4,148	13,441	2,724	3,039	8,407
1975	76,945	62,259	22,600	752	3,525	18,323	54,345	4,542	4,415	12,645	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	4,546	13,209	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	4,708	13,808	4,467	15,303	2,727	3,377	9,023
1978	86,697	71,026	25,585	851	4,229	20,505	61,113	4,923	4,969	14,573	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	5,204	14,989	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	5,275	15,035	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	5,358	15,189	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	5,278	15,179	5,341	19,036	2,739	3,640	9,458
1983	90,138	74,288	23,394	957	3,940	18,497	66,744	4,958	5,259	15,545	5,467	19,665	2,752	3,660	9,439
1984 ^p	94,166	78,192	24,903	999	4,315	19,589	69,264	5,169	5,527	16,263	5,665	20,666	2,781	3,705	9,488
Monthly data, seasonally adjusted															
1983:															
December	92,026	76,157	24,198	969	4,086	19,143	67,828	5,055	5,371	15,857	5,546	20,130	2,762	3,668	9,439
1984:															
January	92,391	76,533	24,383	975	4,154	19,254	68,008	5,095	5,406	15,914	5,573	20,162	2,760	3,670	9,428
February	92,846	76,971	24,577	978	4,226	19,373	68,269	5,105	5,438	15,980	5,593	20,278	2,763	3,682	9,430
March	93,058	77,185	24,595	978	4,151	19,466	68,463	5,112	5,457	16,030	5,613	20,378	2,770	3,686	9,417
April	93,449	77,546	24,760	984	4,246	19,530	68,689	5,129	5,473	16,095	5,640	20,449	2,771	3,693	9,439
May	93,786	77,864	24,851	995	4,286	19,570	68,935	5,144	5,492	16,166	5,662	20,549	2,785	3,699	9,438
June	94,135	78,241	24,974	1,002	4,343	19,629	69,161	5,163	5,502	16,245	5,676	20,681	2,777	3,699	9,418
July	94,350	78,422	25,059	1,007	4,356	19,696	69,291	5,175	5,528	16,283	5,676	20,701	2,779	3,697	9,452
August	94,523	78,566	25,098	1,017	4,356	19,725	69,425	5,202	5,544	16,295	5,679	20,748	2,785	3,714	9,458
September	94,807	78,698	25,010	1,020	4,374	19,616	69,797	5,213	5,588	16,342	5,684	20,861	2,804	3,725	9,580
October	95,154	79,054	25,080	1,012	4,382	19,686	70,074	5,225	5,612	16,468	5,705	20,964	2,790	3,719	9,591
November ^p	95,489	79,368	25,113	1,009	4,393	19,711	70,376	5,224	5,623	16,639	5,728	21,041	2,793	3,728	9,600
December ^p	95,798	79,674	25,248	1,005	4,447	19,796	70,550	5,238	5,653	16,650	5,748	21,137	2,794	3,738	9,592

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 nonagricultural total for the March 1959 benchmark month.

^p - preliminary.

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1983) and all seasonally adjusted data (beginning January 1980) are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonagricultural payrolls by detailed industry

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Total		92,406	92,645	95,899	96,252	96,431	-	-	-	-	-
Total private		76,294	76,560	79,686	79,884	80,090	61,830	62,064	64,610	64,760	64,906
Mining		970	969	1,012	1,012	1,005	690	691	725	726	719
Metal mining	10	56.7	56.7	54.7	54.9	-	41.2	41.2	39.1	39.4	-
Iron ores	101	9.6	9.8	10.4	10.3	-	6.6	6.7	7.5	7.4	-
Copper ores	102	19.2	19.1	15.5	15.7	-	13.5	13.4	10.7	10.9	-
Coal mining	11,12	199.1	198.3	196.5	192.2	-	161.0	160.3	158.8	154.7	-
Bituminous coal and lignite mining	12	196.3	195.6	193.9	189.4	-	158.6	157.9	156.5	152.3	-
Oil and gas extraction	13	602.6	609.0	640.8	648.0	648.0	403.5	410.0	435.1	442.8	-
Crude petroleum, natural gas, and natural gas liquids	131,2	258.6	257.5	255.6	255.5	-	119.0	118.5	118.2	118.1	-
Oil and gas field services	138	344.0	351.5	385.2	392.5	-	284.5	291.5	316.9	324.7	-
Nonmetallic minerals, except fuels	14	111.1	105.1	119.5	116.4	-	84.6	79.1	92.1	88.9	-
Crushed and broken stone	142	35.8	33.3	39.2	38.3	-	28.5	26.2	31.6	30.9	-
Sand and gravel	144	35.5	32.3	38.9	37.8	-	-	-	-	-	-
Chemical and fertilizer minerals	147	21.1	21.1	21.7	21.4	-	-	-	-	-	-
Construction		4,231	4,050	4,645	4,564	4,403	3,304	3,129	3,668	3,587	3,422
General building contractors	15	1,097.6	1,071.5	1,196.0	1,179.5	1,153.4	823.9	797.5	900.7	886.3	-
Residential building construction	152	529.8	514.4	571.8	564.3	-	386.2	371.7	417.2	411.8	-
Operative builders	153	60.6	60.4	63.9	63.4	-	34.0	33.1	34.1	33.8	-
Nonresidential building construction	154	507.2	496.7	560.3	551.8	-	403.7	392.7	449.4	440.7	-
Heavy construction contractors	16	836.0	754.4	854.9	812.6	-	683.9	608.0	710.1	669.4	-
Highway and street construction	161	263.2	209.8	294.2	267.5	-	223.6	172.0	251.1	225.2	-
Heavy construction, except highway	162	572.8	544.6	560.7	545.1	-	460.3	436.0	459.0	444.2	-
Special trade contractors	17	2,297.5	2,223.6	2,593.6	2,571.6	-	1,796.4	1,723.3	2,057.0	2,031.6	-
Plumbing, heating, and air conditioning	171	528.1	521.4	562.4	559.4	-	385.5	380.1	417.3	413.2	-
Painting, paper hanging, and decorating	172	141.0	132.7	163.7	155.8	-	117.7	110.4	138.8	130.7	-
Electrical work	173	425.7	425.5	465.8	467.7	-	325.9	325.6	358.1	358.2	-
Masonry, stonework, and plastering	174	357.0	345.5	414.8	415.6	-	305.6	292.6	357.1	356.9	-
Carpentering and flooring	175	129.3	127.6	138.3	137.8	-	97.3	95.7	104.0	103.8	-
Roofing and sheet metal work	176	180.6	171.2	204.1	204.1	-	144.9	136.2	167.9	167.7	-
Manufacturing		19,093	19,085	19,857	19,782	19,736	13,117	13,087	13,655	13,568	13,522
Durable goods		11,201	11,232	11,822	11,798	11,790	7,539	7,550	7,978	7,945	7,935
Lumber and wood products	24	692.7	681.5	723.5	710.5	699.1	580.7	570.5	607.0	593.7	583.4
Logging camps and logging contractors	241	86.6	80.3	88.5	84.0	-	68.0	62.3	69.4	64.9	-
Sawmills and planing mills	242	203.9	201.8	209.9	206.0	-	181.3	179.4	186.0	182.4	-
Sawmills and planing mills, general	2421	169.3	167.1	174.0	170.4	-	150.8	148.8	154.8	151.4	-
Hardwood dimension and flooring	2426	30.2	30.2	30.4	30.2	-	26.6	26.7	26.5	26.4	-
Millwork, plywood, and structural members	243	212.5	212.6	223.4	220.5	-	177.3	177.1	186.8	184.0	-
Millwork	2431	79.0	78.3	83.4	82.7	-	64.0	63.3	68.0	67.3	-
Wood kitchen cabinets	2434	54.4	55.5	60.9	60.5	-	43.9	45.0	50.1	49.6	-
Hardwood veneer and plywood	2435	24.0	24.2	24.1	23.5	-	21.3	21.3	21.2	20.6	-
Softwood veneer and plywood	2436	36.6	36.5	36.3	35.9	-	33.1	33.0	33.0	32.6	-
Wood containers	244	37.8	38.0	41.6	41.5	-	31.8	32.2	35.4	35.3	-
Wood buildings and mobile homes	245	72.3	69.3	75.0	73.0	-	56.2	53.2	58.3	55.7	-
Mobile homes	2451	53.0	50.4	54.7	53.2	-	42.7	40.1	44.5	42.5	-
Miscellaneous wood products	249	79.6	79.5	85.1	85.5	-	66.1	66.3	71.1	71.4	-

See footnotes at end of table.

ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED

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

(in thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^a	Dec. 1984 ^a	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^a	Dec. 1984 ^a
		Durable goods—Continued									
Furniture and fixtures	25	471.8	473.6	492.2	496.6	496.2	377.6	379.0	393.5	398.9	397.8
Household furniture	251	288.7	289.4	288.4	291.9	-	241.1	241.5	241.0	245.0	-
Wood household furniture	2511	128.8	128.8	127.3	129.1	-	112.0	111.9	110.7	112.5	-
Upholstered household furniture	2512	89.9	90.2	90.8	91.2	-	73.4	73.6	74.8	75.2	-
Metal household furniture	2514	28.4	29.0	27.3	29.3	-	23.0	23.6	21.6	23.8	-
Mattresses and bedsprings	2515	29.3	28.9	29.8	29.3	-	22.3	21.8	22.9	22.5	-
Office furniture	252	61.3	62.1	70.3	70.9	-	47.6	48.2	54.0	55.0	-
Public building and related furniture	253	24.4	24.7	26.1	26.6	-	18.2	18.5	20.0	20.5	-
Partitions and fixtures	254	63.4	62.7	69.8	69.0	-	47.4	46.8	52.0	51.3	-
Miscellaneous furniture and fixtures	259	34.0	34.7	37.6	38.2	-	23.3	24.0	26.5	27.1	-
Stone, clay, and glass products	32	596.2	582.6	619.6	613.5	603.2	459.4	445.9	477.7	472.2	461.6
Flat glass	321	16.5	16.5	15.8	15.8	-	13.2	13.1	12.5	12.6	-
Glass and glassware, pressed or blown	322	103.9	101.9	99.0	97.5	-	87.8	86.0	83.5	82.0	-
Glass containers	3221	55.2	53.5	50.8	49.6	-	48.4	46.9	44.8	43.7	-
Pressed and blown glass, nec	3229	48.7	48.4	48.2	47.9	-	39.4	39.1	38.7	38.3	-
Products of purchased glass	323	48.2	48.3	50.8	50.1	-	33.7	33.5	35.9	35.2	-
Cement, hydraulic	324	26.1	26.1	25.8	26.2	-	20.6	20.5	20.0	20.3	-
Structural clay products	325	38.0	37.3	39.3	38.9	-	29.2	28.7	30.3	30.0	-
Pottery and related products	326	41.1	40.5	42.3	42.3	-	32.5	32.1	33.8	33.8	-
Concrete, gypsum, and plaster products	327	195.0	184.9	212.7	209.4	-	151.2	140.9	166.1	163.1	-
Concrete block and brick	3271	18.1	17.5	19.6	19.3	-	12.3	12.0	13.4	13.0	-
Concrete products, nec	3272	64.7	62.6	71.6	70.7	-	48.6	46.1	54.5	53.8	-
Ready-mixed concrete	3273	94.2	86.7	102.9	100.7	-	75.9	68.4	83.7	81.7	-
Misc. nonmetallic mineral products	329	116.6	116.5	122.4	121.9	-	82.6	82.6	86.4	86.1	-
Abrasive products	3291	23.2	23.3	24.7	24.5	-	15.3	15.6	16.6	16.4	-
Asbestos products	3292	12.4	12.2	12.5	12.5	-	9.3	9.2	9.6	9.5	-
Mineral wool	3296	27.7	27.6	28.2	28.1	-	-	-	-	-	-
Primary metal industries	33	860.8	866.3	859.6	856.9	851.1	650.2	654.7	653.2	649.6	644.5
Blast furnaces and basic steel products	331	345.0	346.1	316.2	315.0	316.3	263.7	264.8	241.2	240.7	-
Blast furnaces and steel mills	3312	278.0	279.0	247.7	248.1	-	213.8	214.9	189.9	190.9	-
Steel pipe and tubes	3317	24.8	24.6	24.8	23.9	-	18.1	17.8	18.3	17.5	-
Iron and steel foundries	332	148.4	150.0	160.2	157.9	-	115.5	117.3	127.0	124.8	-
Gray iron foundries	3321	95.8	97.4	102.3	101.5	-	77.1	78.7	83.6	82.7	-
Malleable iron foundries	3322	11.9	11.9	11.9	11.8	-	8.7	8.8	8.7	8.6	-
Steel foundries, nec	3325	30.2	29.9	32.9	31.2	-	22.3	22.1	25.0	23.5	-
Primary nonferrous metals	333	52.7	53.0	52.6	52.7	-	38.7	38.9	38.3	38.1	-
Primary aluminum	3334	28.4	28.7	28.3	28.2	-	22.0	22.2	22.0	21.7	-
Nonferrous rolling and drawing	335	186.9	188.3	191.6	192.5	-	132.1	132.7	137.2	136.8	-
Copper rolling and drawing	3351	26.2	26.3	26.7	26.5	-	19.5	19.5	20.0	19.8	-
Aluminum sheet, plate, and foil	3353	30.9	31.3	30.0	31.3	-	23.6	23.8	22.7	22.9	-
Nonferrous wire drawing and insulating	3357	80.1	80.7	82.5	82.5	-	56.4	56.8	59.7	59.7	-
Nonferrous foundries	336	83.8	84.4	91.3	90.8	-	67.6	67.9	73.8	73.4	-
Aluminum foundries	3361	50.7	50.9	55.9	55.4	-	41.9	41.9	46.0	45.5	-
Fabricated metal products	34	1,426.8	1,430.1	1,505.2	1,502.8	1,503.1	1,043.8	1,046.9	1,114.1	1,112.5	1,112.1
Metal cans and shipping containers	341	61.3	59.8	60.0	59.4	-	51.8	50.7	50.6	50.2	-
Metal cans	3411	49.0	47.3	47.2	47.0	-	42.3	41.0	40.6	40.5	-
Cutlery, hand tools, and hardware	342	143.1	144.6	149.7	148.7	-	106.3	107.7	111.0	110.1	-
Hand and edge tools, and hand saws and blades	3423.5	44.6	44.8	47.2	46.6	-	32.7	33.0	34.9	34.4	-
Hardware, nec	3429	84.8	86.0	88.3	87.9	-	64.3	65.3	66.8	66.3	-
Plumbing and heating, except electric	343	64.1	64.4	65.6	64.5	-	45.7	45.9	47.3	46.5	-
Plumbing fittings and brass goods	3432	25.4	25.9	26.7	25.9	-	19.1	19.6	20.1	19.7	-
Heating equipment, except electric	3433	29.2	28.7	29.7	29.5	-	19.6	19.1	20.1	19.8	-
Fabricated structural metal products	344	442.6	440.3	468.1	467.4	-	299.2	297.1	325.2	324.2	-
Fabricated structural metal	3441	77.6	77.3	83.5	83.4	-	53.5	53.5	59.6	59.4	-
Metal doors, sash, and trim	3442	87.5	86.3	92.7	92.4	-	64.6	63.0	68.7	67.9	-
Fabricated plate work (boiler shops)	3443	105.4	105.6	107.1	107.5	-	59.8	59.8	64.0	64.4	-
Sheet metal work	3444	110.7	110.0	120.0	119.6	-	80.6	79.9	89.1	88.7	-
Architectural metal work	3446	27.7	27.6	27.9	27.6	-	19.1	19.5	19.9	19.7	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Durable goods—Continued											
Fabricated metal products—Continued											
Screw machine products, bolts, etc	345	89.3	90.3	97.4	97.7	-	67.3	68.3	75.1	75.1	-
Screw machine products	3451	42.1	42.9	47.3	47.3	-	33.6	34.4	38.8	38.6	-
Bolts, nuts, rivets, and washers	3452	47.2	47.4	50.1	50.4	-	33.7	33.9	36.3	36.5	-
Metal forgings and stampings	346	242.7	245.9	259.4	260.3	-	194.4	196.9	208.3	208.9	-
Iron and steel forgings	3462	32.0	32.7	34.2	34.2	-	24.3	24.8	26.5	26.4	-
Automotive stampings	3465	94.8	96.4	100.4	101.8	-	81.2	82.5	85.8	87.0	-
Metal stampings, nec	3469	104.9	105.6	113.7	113.0	-	80.5	81.1	87.8	87.1	-
Metal services, nec	347	98.5	98.2	104.3	105.2	-	78.5	78.6	83.7	84.5	-
Plating and polishing	3471	67.7	67.7	72.1	72.8	-	55.2	55.5	58.7	59.3	-
Metal coating and allied services	3479	30.8	30.5	32.2	32.4	-	23.3	23.1	25.0	25.2	-
Ordnance and accessories, nec	348	65.0	65.2	68.7	69.2	-	41.4	41.3	44.6	45.0	-
Ammunition, except for small arms, nec	3483	29.8	29.9	31.7	32.4	-	19.1	19.0	20.6	21.3	-
Misc. fabricated metal products	349	220.2	221.4	232.0	230.4	-	159.2	160.4	168.3	168.0	-
Valves and pipe fittings	3494	82.4	82.8	86.3	86.5	-	54.6	55.0	58.1	58.2	-
Misc. fabricated wire products	3496	55.2	54.7	56.3	54.9	-	42.1	41.7	42.6	42.2	-
Machinery, except electrical	35	2,103.0	2,125.6	2,250.6	2,247.9	2,256.9	1,259.2	1,275.1	1,374.6	1,370.9	1,380.2
Engines and turbines	351	109.1	110.8	113.9	114.6	-	66.9	68.2	70.8	71.6	-
Turbines and turbine generator sets	3511	35.4	35.2	35.2	35.4	-	17.5	17.3	17.9	18.2	-
Internal combustion engines, nec	3519	73.7	75.6	78.7	79.2	-	49.4	50.9	52.9	53.4	-
Farm and garden machinery	352	109.6	111.5	113.1	110.2	-	71.7	73.1	74.8	72.8	-
Farm machinery and equipment	3523	88.9	88.9	91.2	86.7	-	57.0	56.8	58.9	55.3	-
Construction and related machinery	353	257.5	259.0	282.0	283.0	-	152.9	154.2	175.8	176.3	-
Construction machinery	3531	89.5	89.2	95.6	95.5	-	51.2	51.3	59.8	60.0	-
Mining machinery	3532	20.8	21.7	24.8	24.7	-	11.8	12.6	15.0	15.1	-
Oil field machinery	3533	69.4	70.0	77.9	78.3	-	44.0	44.1	50.2	50.4	-
Conveyors and conveying equipment	3535	27.2	27.5	29.6	30.1	-	14.4	14.7	15.7	15.8	-
Industrial trucks and tractors	3537	26.1	26.0	28.7	28.7	-	16.6	16.7	19.5	19.2	-
Metalworking machinery	354	289.8	294.6	317.7	318.4	-	204.0	208.1	227.0	227.8	-
Machine tools, metal cutting types	3541	52.8	53.3	57.5	57.3	-	31.0	31.4	35.8	35.9	-
Machine tools, metal forming types	3542	17.9	18.0	19.7	19.8	-	10.7	10.7	12.2	12.3	-
Special dies, tools, jigs, and fixtures	3544	126.0	128.9	137.0	137.9	-	98.1	100.6	107.3	108.0	-
Machine tool accessories	3545	53.9	55.1	60.1	60.5	-	37.3	38.4	42.4	42.6	-
Power driven hand tools	3546	22.9	23.0	25.5	25.2	-	17.0	17.0	18.0	17.8	-
Special industry machinery	355	163.3	164.3	171.0	171.3	-	96.8	97.7	102.9	102.8	-
Food products machinery	3551	36.6	36.8	36.3	36.5	-	22.4	22.7	22.4	22.4	-
Textile machinery	3552	20.8	20.9	20.4	20.4	-	14.4	14.6	13.9	13.9	-
Printing trades machinery	3555	33.1	33.2	35.0	35.1	-	19.1	19.1	20.5	20.6	-
General industrial machinery	356	260.0	263.0	282.2	282.9	-	162.1	165.0	181.6	182.3	-
Pumps and pumping equipment	3561	50.1	50.3	53.9	53.9	-	28.5	28.6	31.5	31.5	-
Ball and roller bearings	3562	46.1	46.8	50.7	50.9	-	34.4	35.1	38.1	38.3	-
Air and gas compressors	3563	22.1	21.6	23.6	23.8	-	11.0	10.8	13.3	13.5	-
Blowers and fans	3564	32.8	32.7	34.6	34.2	-	19.7	19.9	21.7	21.2	-
Speed changers, drives, and gears	3566	19.8	20.0	21.1	21.2	-	12.9	13.1	14.2	14.4	-
Power transmission equipment, nec	3568	16.7	17.9	20.0	20.0	-	11.2	12.0	13.9	14.0	-
Office and computing machines	357	492.5	496.2	511.5	510.2	-	198.8	198.3	201.1	199.2	-
Electronic computing equipment	3573	426.1	430.1	445.1	443.3	-	164.7	164.5	166.8	165.1	-
Refrigeration and service machinery	358	169.8	172.0	184.7	183.7	-	117.9	119.7	130.1	128.6	-
Refrigeration and heating equipment	3585	119.5	121.5	129.9	128.4	-	84.4	86.0	93.3	91.5	-
Misc. machinery, except electrical	359	251.4	254.2	274.5	273.6	-	188.1	190.8	210.5	209.5	-
Carburetors, pistons, rings, and valves	3592	35.9	36.2	38.4	37.7	-	28.0	28.4	31.4	30.9	-
Machinery, except electrical, nec	3599	215.5	218.0	236.1	235.9	-	160.1	162.4	179.1	178.6	-
Electrical and electronic equipment	36	2,114.2	2,133.5	2,280.3	2,278.5	2,280.7	1,301.6	1,313.6	1,406.2	1,399.4	1,397.5
Electric distributing equipment	361	110.1	110.9	116.3	115.8	-	78.7	79.5	84.4	83.7	-
Transformers	3612	49.1	49.6	53.0	53.0	-	34.2	34.8	38.4	38.3	-
Switchgear and switchboard apparatus	3613	61.0	61.3	63.3	62.8	-	44.5	44.7	46.0	45.4	-
Electrical industrial apparatus	362	205.5	207.2	212.2	213.6	-	144.1	145.7	149.6	151.2	-
Motors and generators	3621	103.0	103.4	103.4	104.3	-	79.6	79.9	79.9	81.1	-
Industrial controls	3622	64.2	65.3	67.9	68.3	-	38.7	39.7	41.4	41.8	-
Household appliances	363	144.5	147.4	155.9	151.1	-	112.3	115.8	124.0	119.2	-
Household refrigerators and freezers	3632	24.3	28.4	27.8	24.9	-	18.9	22.9	22.1	19.2	-
Household laundry equipment	3633	19.6	19.5	20.6	20.1	-	15.2	15.1	16.1	15.6	-
Electric housewares and fans	3634	44.0	43.0	46.7	46.0	-	33.8	32.8	36.7	36.2	-

See footnotes at end of table.

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Durable goods—Continued											
Electrical and electronic equipment—Continued											
Electric lighting and wiring equipment	364	195.3	196.5	206.5	205.3	-	144.2	144.8	151.0	149.2	-
Electric lamps	3641	28.4	28.4	29.7	28.4	-	24.7	24.6	25.7	24.3	-
Current-carrying wiring devices	3643	81.4	81.9	87.3	87.3	-	55.0	55.0	58.1	57.8	-
Noncurrent-carrying wiring devices	3644	17.5	17.5	18.1	17.9	-	12.8	12.8	13.0	12.8	-
Residential lighting fixtures	3645	26.9	27.1	27.5	27.6	-	20.5	20.7	20.9	20.9	-
Radio and TV receiving equipment	365	90.3	89.5	92.0	90.5	-	63.3	62.9	64.5	63.0	-
Radio and TV receiving sets	3651	69.0	69.2	71.4	70.7	-	47.4	47.9	49.0	48.2	-
Communication equipment	366	586.2	592.0	629.7	633.7	-	267.7	268.8	291.5	292.1	-
Telephone and telegraph apparatus	3661	145.1	145.4	154.4	152.4	-	92.6	92.5	100.9	98.5	-
Radio and TV communication equipment	3662	441.1	446.6	475.3	481.3	-	175.1	176.3	190.6	193.6	-
Electronic components and accessories	367	623.4	630.3	706.2	707.2	-	375.3	380.0	425.9	425.5	-
Electronic tubes	3671-3	40.1	40.2	42.4	42.6	-	24.8	24.6	26.2	26.5	-
Semiconductors and related devices	3674	245.5	247.6	283.2	286.7	-	106.2	107.9	122.3	124.5	-
Electronic components, nec	3679	259.0	261.9	292.2	291.0	-	184.4	186.3	209.2	207.9	-
Misc. electrical equipment and supplies	369	158.9	159.7	161.5	161.3	-	116.0	116.1	115.3	115.5	-
Storage batteries	3691	32.2	32.3	31.5	32.0	-	25.7	25.8	24.7	25.1	-
Engine electrical equipment	3694	62.6	63.4	65.8	65.7	-	49.7	50.3	51.1	51.2	-
Transportation equipment	37	1,843.3	1,852.3	1,960.4	1,964.0	1,979.4	1,184.6	1,190.8	1,250.7	1,250.0	1,268.4
Motor vehicles and equipment	371	831.6	835.6	880.2	884.5	892.9	641.9	646.1	677.5	682.1	-
Motor vehicles and car bodies	3711	384.1	381.5	394.5	399.5	-	286.6	284.5	290.5	295.6	-
Truck and bus bodies	3713	36.2	35.8	42.0	41.8	-	28.0	27.7	33.2	33.0	-
Motor vehicle parts and accessories	3714	369.1	374.6	394.8	393.7	-	294.1	299.3	315.4	315.4	-
Truck trailers	3715	27.4	28.2	32.5	31.1	-	21.1	21.9	25.3	24.0	-
Aircraft and parts	372	575.9	579.6	615.9	616.0	-	279.0	281.1	294.6	291.5	-
Aircraft	3721	302.5	305.4	327.3	325.1	-	128.5	130.1	138.0	132.6	-
Aircraft engines and engine parts	3724	141.0	141.2	148.1	149.3	-	74.3	74.5	76.5	77.2	-
Aircraft equipment, nec	3728	132.4	133.0	140.5	141.6	-	76.2	76.5	80.1	81.7	-
Ship and boat building and repairing	373	196.1	195.8	204.2	202.5	-	151.1	150.1	153.6	151.3	-
Ship building and repairing	3731	152.2	151.1	155.7	155.2	-	114.9	113.1	113.9	112.7	-
Boat building and repairing	3732	43.9	44.7	48.5	47.3	-	36.2	37.0	39.7	38.6	-
Railroad equipment	374	32.2	31.5	37.7	37.0	-	21.1	20.4	26.4	25.8	-
Guided missiles, space vehicles, and parts	376	144.3	145.7	159.1	160.5	-	47.1	47.8	55.1	56.0	-
Guided missiles and space vehicles	3761	111.8	113.0	122.6	123.8	-	35.3	36.0	41.3	41.8	-
Miscellaneous transportation equipment	379	47.3	47.8	48.9	49.1	-	32.5	33.0	33.1	32.9	-
Travel trailers and campers	3792	20.8	21.2	20.3	20.4	-	16.6	16.9	16.2	16.0	-
Instruments and related products	38	705.7	707.7	729.5	731.8	733.5	399.0	398.8	405.3	407.0	408.5
Engineering and scientific instruments	381	77.0	77.4	81.5	82.4	-	35.7	35.7	36.5	36.9	-
Measuring and controlling devices	382	238.5	240.3	256.2	258.4	-	140.4	141.1	146.7	147.7	-
Environmental controls	3822	44.1	44.5	47.5	47.8	-	28.5	28.9	30.1	30.6	-
Process control instruments	3823	52.2	52.5	54.5	54.9	-	24.6	24.8	26.9	27.1	-
Instruments to measure electricity	3825	100.2	101.0	109.3	110.1	-	59.0	58.9	60.7	60.7	-
Optical instruments and lenses	383	33.3	33.2	32.1	32.1	-	17.3	17.2	16.9	16.7	-
Medical instruments and supplies	384	173.9	174.6	175.1	174.5	-	106.5	106.5	105.3	105.3	-
Surgical and medical instruments	3841	85.9	86.2	83.9	83.0	-	50.3	50.2	47.2	46.5	-
Surgical appliances and supplies	3842	73.5	73.8	76.6	76.8	-	47.8	47.9	49.6	50.2	-
Ophthalmic goods	385	39.8	40.2	41.4	41.4	-	27.3	27.6	27.4	27.8	-
Photographic equipment and supplies	386	127.1	125.9	126.7	126.5	-	60.5	59.4	60.7	60.6	-
Watches, clocks, and watchcases	387	16.1	16.1	16.5	16.5	-	11.3	11.3	11.8	12.0	-
Miscellaneous manufacturing	39	386.0	378.6	401.2	395.8	386.5	282.4	274.4	296.1	291.0	280.8
Jewelry, silverware, and plated ware	391	55.9	54.5	55.3	55.7	-	40.0	38.5	38.9	39.2	-
Jewelry, precious metal	3911	37.9	36.8	37.3	37.7	-	27.2	26.0	26.1	26.5	-
Musical instruments	393	17.7	17.7	17.8	17.4	-	14.0	13.9	14.0	13.7	-
Toys and sporting goods	394	113.5	110.0	125.7	123.1	-	83.5	79.8	96.1	93.7	-
Dolls, games, toys, and children's vehicles	3942.4	59.2	55.0	66.2	63.2	-	42.2	37.9	50.0	46.9	-
Sporting and athletic goods, nec	3949	54.3	55.0	59.5	59.9	-	41.3	41.9	46.1	46.8	-
Pens, pencils, office, and art supplies	395	32.9	32.7	33.6	33.6	-	22.9	22.5	23.0	22.8	-
Costume jewelry and notions	396	40.5	38.9	39.4	39.2	-	31.8	30.1	30.4	30.3	-
Costume jewelry	3961	23.2	22.3	22.0	21.4	-	18.5	17.5	17.2	16.6	-
Miscellaneous manufactures	399	125.5	124.8	129.4	126.8	-	90.2	89.6	93.7	91.3	-
Signs and advertising displays	3993	47.9	48.3	53.0	53.0	-	33.7	34.2	37.7	37.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Nondurable goods		7,892	7,853	8,035	7,984	7,946	5,578	5,537	5,677	5,623	5,587
Food and kindred products	20	1,648.9	1,616.3	1,697.8	1,664.4	1,642.2	1,142.4	1,112.5	1,193.1	1,159.7	1,137.6
Meat products	201	356.6	353.1	366.6	369.1	-	298.4	295.7	308.0	310.3	-
Meat packing plants	2011	148.3	147.4	149.2	150.7	-	121.0	121.1	123.5	125.3	-
Sausages and other prepared meats	2013	73.3	73.6	72.7	73.3	-	54.7	54.8	53.0	53.3	-
Poultry dressing plants	2016	117.4	114.7	125.8	126.3	-	107.1	104.5	114.7	114.9	-
Dairy products	202	164.0	163.1	162.4	161.3	-	94.3	93.6	93.3	92.2	-
Cheese, natural and processed	2022	38.4	38.2	36.8	36.6	-	29.4	29.1	27.5	27.4	-
Fluid milk	2026	89.0	88.7	88.3	88.0	-	41.1	41.1	42.3	41.8	-
Preserved fruits and vegetables	203	232.6	208.6	271.0	238.1	-	190.8	168.4	228.3	196.0	-
Canned specialties	2032	25.8	25.4	27.6	26.8	-	18.9	18.5	20.4	19.5	-
Canned fruits and vegetables	2033	78.4	66.0	99.4	76.7	-	63.6	51.7	84.0	62.0	-
Frozen fruits and vegetables	2037	50.1	42.0	58.7	50.6	-	43.1	36.0	52.3	44.6	-
Grain mill products	204	130.4	129.7	130.4	128.3	-	87.4	87.2	89.2	87.4	-
Flour and other grain mill products	2041	25.5	25.2	24.4	24.3	-	15.1	15.2	14.6	14.8	-
Prepared feeds, nec	2048	47.0	46.8	46.6	45.0	-	29.4	29.3	29.8	28.8	-
Bakery products	205	216.8	216.3	212.3	211.0	-	129.4	128.9	126.4	125.4	-
Bread, cake, and related products	2051	172.4	171.9	169.0	169.4	-	93.7	93.2	92.1	92.3	-
Cookies and crackers	2052	44.4	44.4	43.3	41.6	-	35.7	35.7	34.3	33.1	-
Sugar and confectionery products	206	115.2	112.6	116.6	119.9	-	90.8	88.0	91.9	94.8	-
Cane and beet sugar	2061-3	31.9	30.0	32.1	32.2	-	24.9	23.2	25.7	25.7	-
Confectionery products	2065	63.7	62.8	63.8	66.5	-	52.8	51.5	52.2	54.6	-
Fats and oils	207	40.5	41.0	42.2	44.1	-	30.2	30.9	31.2	33.1	-
Beverages	208	225.4	225.8	224.7	223.5	-	95.9	96.2	96.5	95.0	-
Malt beverages	2082	48.6	49.1	47.1	47.0	-	29.0	29.6	29.1	29.0	-
Bottled and canned soft drinks	2086	130.0	130.2	131.7	131.5	-	41.3	41.6	42.5	41.7	-
Misc. food and kindred products	209	167.4	166.1	171.6	169.1	-	125.2	123.6	128.3	125.5	-
Tobacco manufactures	21	68.3	69.9	74.2	68.6	66.6	52.2	53.7	58.1	52.7	50.6
Cigarettes	211	46.4	46.9	45.0	45.4	-	34.8	35.1	33.9	34.2	-
Textile mill products	22	764.2	763.8	741.8	734.8	732.5	662.0	661.6	640.4	634.2	633.0
Weaving mills, cotton	221	126.9	126.4	118.8	117.7	-	113.4	113.1	106.4	105.4	-
Weaving mills, synthetics	222	93.1	93.3	91.5	90.7	-	83.5	83.4	81.4	80.6	-
Weaving and finishing mills, wool	223	18.3	18.7	18.5	18.5	-	15.3	15.8	15.5	15.5	-
Narrow fabric mills	224	22.9	22.9	22.9	22.5	-	19.8	19.7	19.5	19.1	-
Knitting mills	225	210.7	209.2	203.5	200.6	-	183.4	182.1	176.9	174.1	-
Women's hosiery, except socks	2251	35.1	35.6	33.0	33.3	-	31.6	32.1	29.6	29.9	-
Hosiery, nec	2252	35.3	34.8	34.6	34.3	-	31.9	31.3	31.0	30.7	-
Knit outerwear mills	2253	64.1	62.8	61.6	59.9	-	55.1	54.0	53.1	51.2	-
Knit underwear mills	2254	31.2	31.6	30.3	29.8	-	26.8	27.0	26.0	25.7	-
Circular knit fabric mills	2257	25.6	25.5	24.9	24.6	-	21.7	21.7	21.2	21.0	-
Textile finishing, except wool	226	64.5	64.7	63.2	62.7	-	54.0	54.2	53.1	52.8	-
Finishing plants, cotton	2261	25.3	25.6	24.8	24.4	-	21.0	21.3	20.9	20.6	-
Finishing plants, synthetics	2262	24.1	24.0	23.4	23.5	-	20.2	20.1	19.5	19.6	-
Floor covering mills	227	50.5	50.6	54.2	53.9	-	40.7	40.6	44.0	43.9	-
Yarn and thread mills	228	114.5	115.0	107.8	107.4	-	102.2	102.8	95.2	95.0	-
Yarn mills, except wool	2281	78.8	79.3	73.6	73.6	-	71.1	71.7	65.6	65.9	-
Throwing and winding mills	2282	17.9	18.1	17.1	16.9	-	15.9	16.2	15.2	15.0	-
Miscellaneous textile goods	229	62.8	63.0	61.4	60.8	-	49.7	49.9	48.4	47.8	-
Apparel and other textile products	23	1,206.7	1,192.5	1,198.3	1,189.1	1,178.7	1,021.3	1,007.5	1,013.2	1,004.7	995.0
Men's and boys' suits and coats	231	72.4	72.7	72.1	72.7	-	63.1	63.4	63.1	63.8	-
Men's and boys' furnishings	232	338.0	335.4	340.2	338.1	-	289.0	287.0	293.2	292.0	-
Men's and boys' shirts and nightwear	2321	97.5	96.7	99.7	98.4	-	83.9	83.3	86.4	85.5	-
Men's and boys' separate trousers	2327	65.0	65.5	66.2	66.0	-	56.2	56.7	57.7	57.6	-
Men's and boys' work clothing	2328	102.5	101.0	100.4	99.9	-	86.6	85.3	85.9	85.3	-
Women's and misses' outerwear	233	396.9	390.0	382.6	378.6	-	335.4	328.8	321.0	317.4	-
Women's and misses' blouses and waists	2331	60.0	59.0	59.1	58.7	-	51.2	50.3	50.0	49.6	-
Women's and misses' dresses	2335	126.3	124.3	118.0	115.6	-	107.7	105.6	100.0	98.0	-
Women's and misses' suits and coats	2337	59.9	55.2	56.6	54.6	-	50.2	46.1	46.6	44.7	-
Women's and misses' outerwear, nec	2339	150.7	151.5	148.9	149.7	-	126.3	126.8	124.4	125.1	-

See footnotes at end of table.

ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	88.5	88.1	88.8	87.6	-	74.9	74.1	74.6	73.5	-
Women's and children's underwear	2341	71.7	71.4	73.1	71.7	-	62.3	61.6	63.0	61.7	-
Brassieres and allied garments	2342	16.8	16.7	15.7	15.9	-	12.6	12.5	11.6	11.8	-
Children's outerwear	236	61.5	61.1	62.8	62.1	-	52.5	52.2	53.0	52.5	-
Children's dresses and blouses	2361	25.3	25.3	25.6	25.5	-	22.4	22.4	22.6	22.5	-
Misc. apparel and accessories	238	47.9	46.3	48.8	47.0	-	39.9	38.2	40.7	38.6	-
Misc. fabricated textile products	239	182.0	179.6	182.0	182.0	-	150.3	147.8	150.4	149.9	-
Curtains and draperies	2391	26.9	26.6	26.4	26.9	-	22.2	21.7	21.7	22.0	-
House furnishings, nec	2392	53.6	52.3	54.2	53.9	-	45.4	44.2	46.3	46.2	-
Automotive and apparel trimmings	2396	33.6	33.3	32.3	32.2	-	27.9	27.6	26.6	26.6	-
Paper and allied products	26	672.0	674.5	685.5	684.1	686.4	504.2	505.8	515.1	514.2	516.8
Paper and pulp mills	261,2,6	202.2	203.4	204.2	205.4	-	152.3	153.6	152.6	153.4	-
Paper mills, except building paper	262	175.9	177.2	178.5	179.4	-	131.0	132.4	131.7	132.3	-
Paperboard mills	263	59.4	59.2	58.6	58.6	-	45.6	45.5	45.0	44.7	-
Misc. converted paper products	264	215.3	217.2	224.1	223.0	-	156.2	157.3	164.0	163.7	-
Paper coating and glazing	2641	56.2	56.5	58.7	58.7	-	36.7	36.9	38.2	38.1	-
Envelopes	2642	25.2	25.6	26.0	26.0	-	19.6	19.9	20.1	20.2	-
Bags, except textile bags	2643	48.0	48.5	49.5	49.1	-	37.5	37.9	38.8	38.5	-
Paperboard containers and boxes	265	195.1	194.7	198.6	197.1	-	150.1	149.4	153.5	152.4	-
Folding paperboard boxes	2651	41.5	41.7	41.8	41.6	-	32.4	32.4	33.0	32.8	-
Corrugated and solid fiber boxes	2653	101.0	101.1	103.1	102.9	-	75.7	75.7	77.7	77.7	-
Sanitary food containers	2654	22.8	22.7	22.8	22.1	-	18.8	18.7	18.8	18.2	-
Printing and publishing	27	1,320.9	1,329.2	1,380.4	1,390.7	1,397.2	728.0	733.5	762.2	767.7	771.1
Newspapers	271	436.0	437.8	447.9	452.7	-	165.0	166.0	170.6	172.6	-
Periodicals	272	100.8	100.8	105.7	105.4	-	22.3	22.3	24.7	24.3	-
Books	273	96.4	99.2	100.8	102.6	-	46.6	49.2	48.0	49.7	-
Book publishing	2731	71.8	72.7	75.3	76.5	-	26.8	27.6	27.7	28.8	-
Book printing	2732	24.6	26.5	25.5	26.1	-	19.8	21.6	20.3	20.9	-
Miscellaneous publishing	274	53.5	54.0	56.3	57.5	-	28.9	29.4	29.9	31.1	-
Commercial printing	275	449.5	452.9	476.9	480.2	-	330.5	332.4	348.6	350.1	-
Commercial printing, letterpress	2751	153.8	154.6	164.3	165.1	-	114.3	114.9	122.3	122.7	-
Commercial printing, lithographic	2752	270.7	273.1	287.0	288.8	-	196.2	197.3	205.7	206.3	-
Manifold business forms	276	48.5	48.8	48.7	49.0	-	33.6	33.8	33.7	34.1	-
Blankbooks and bookbinding	278	66.5	66.1	71.1	70.5	-	53.5	53.1	57.7	57.0	-
Printing trade services	279	45.5	45.5	46.8	47.4	-	34.0	34.1	34.5	34.8	-
Chemicals and allied products	28	1,047.2	1,048.5	1,063.6	1,062.7	1,064.0	582.1	583.9	588.1	587.1	588.4
Industrial inorganic chemicals	281	154.7	154.9	158.1	158.5	-	78.3	78.6	79.7	79.9	-
Industrial inorganic chemicals, nec	2819	105.6	105.7	109.0	109.2	-	54.6	54.9	56.5	56.6	-
Plastics materials and synthetics	282	176.2	176.2	174.9	173.5	-	114.9	115.0	115.0	115.0	-
Plastics materials and resins	2821	74.7	74.9	76.7	76.5	-	43.6	43.8	45.0	45.2	-
Organic fibers, noncellulosic	2824	71.4	71.3	68.8	68.2	-	50.3	50.3	48.4	48.8	-
Drugs	283	199.6	199.4	200.0	200.4	-	97.5	97.4	90.0	89.8	-
Pharmaceutical preparations	2834	157.6	157.7	159.4	159.4	-	75.6	75.8	72.2	71.7	-
Soap, cleaners, and toilet goods	284	144.8	145.9	150.0	149.1	-	90.7	91.6	96.7	95.3	-
Soap and other detergents	2841	43.6	43.4	43.7	43.6	-	28.5	28.2	28.8	28.4	-
Toilet preparations	2844	63.5	64.7	68.3	67.1	-	41.7	42.7	46.7	45.7	-
Polishing, sanitation, and finishing preparations	2842,3	37.7	37.8	38.0	38.4	-	20.5	20.7	21.2	21.2	-
Paints and allied products	285	60.2	59.5	61.9	61.7	-	29.4	29.0	30.3	29.8	-
Industrial organic chemicals	286	161.6	161.5	164.0	163.9	-	82.8	82.8	84.2	84.5	-
Cyclic crudes and intermediates	2865	33.1	33.0	32.9	32.9	-	19.8	19.8	20.0	19.9	-
Gum, wood, and industrial organic chemicals, nec	2861,9	128.5	128.5	131.1	131.0	-	63.0	63.0	64.2	64.6	-
Agricultural chemicals	287	59.3	59.6	59.8	60.6	-	36.0	36.3	37.1	37.7	-
Miscellaneous chemical products	289	90.8	91.5	94.9	95.0	-	52.5	53.2	55.1	55.1	-
Petroleum and coal products	29	193.0	189.6	187.6	186.0	183.7	115.3	111.5	112.1	111.4	110.8
Petroleum refining	291	154.7	154.1	148.3	148.0	-	87.9	87.0	83.5	84.2	-
Paving and roofing materials	295	26.9	24.3	27.9	26.8	-	20.4	17.6	21.5	20.4	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Nondurable goods—Continued											
Rubber and misc. plastics products	30	757.5	760.8	809.4	808.6	806.2	590.4	592.3	630.6	629.1	628.1
Tires and inner tubes	301	96.9	97.2	102.6	103.1	-	68.8	68.5	72.5	72.9	-
Rubber and plastics footwear	302	16.7	16.3	16.3	16.0	-	14.1	13.7	14.0	13.6	-
Reclaimed rubber, and rubber and plastics hose and belting	303,4	22.1	22.5	23.7	24.0	-	15.6	16.0	16.1	16.3	-
Fabricated rubber products, nec	306	106.1	106.4	109.9	109.6	-	82.1	82.3	85.1	84.6	-
Miscellaneous plastics products	307	515.7	518.4	556.9	555.9	-	409.8	411.8	442.9	441.7	-
Leather and leather products	31	213.7	208.2	196.8	195.0	188.9	179.6	174.3	163.7	161.9	155.9
Leather tanning and finishing	311	19.2	18.9	17.0	16.9	-	16.0	15.8	14.0	13.9	-
Footwear, except rubber	314	128.5	125.7	115.9	114.8	-	110.2	107.0	98.3	97.3	-
Men's footwear, except athletic	3143	52.3	51.2	48.6	48.4	-	42.7	41.2	39.4	39.3	-
Women's footwear, except athletic	3144	48.5	48.4	43.2	42.8	-	43.2	43.0	37.8	37.4	-
Luggage	316	12.6	12.2	12.1	12.0	-	9.3	8.9	9.1	8.7	-
Handbags and personal leather goods	317	29.7	27.5	28.4	28.1	-	24.5	22.7	23.1	22.8	-
Transportation and public utilities		5,071	5,080	5,272	5,254	5,265	4,175	4,183	4,352	4,333	4,345
Transportation		2,791	2,802	2,998	2,983	2,993	-	-	-	-	-
Railroad transportation	40	370.4	359.4	374.2	363.5	-	-	-	-	-	-
Class I railroads ²	4011	341.0	331.0	345.0	335.2	-	-	-	-	-	-
Local and interurban passenger transit	41	250.4	252.1	273.4	270.9	-	233.4	234.5	252.6	250.7	-
Local and suburban transportation	411	78.8	78.8	81.1	81.1	-	72.5	72.4	74.2	74.4	-
Taxicabs	412	38.8	39.6	38.3	37.9	-	-	-	-	-	-
Intercity highway transportation	413	21.0	23.1	37.9	36.9	-	19.3	21.0	34.7	34.0	-
School buses	415	91.5	91.9	95.4	95.0	-	-	-	-	-	-
Trucking and warehousing	42	1,272.2	1,286.7	1,356.3	1,350.3	-	1,111.0	1,125.5	1,186.2	1,179.5	-
Trucking and trucking terminals	421,3	1,180.9	1,198.3	1,258.0	1,249.5	-	1,033.6	1,051.1	1,102.9	1,093.6	-
Public warehousing	422	91.3	88.4	98.3	100.8	-	77.4	74.4	83.3	85.9	-
Water transportation	44	194.3	196.8	222.1	227.3	-	-	-	-	-	-
Local water transportation	445	28.6	28.9	30.2	29.3	-	-	-	-	-	-
Water transportation services	446	98.3	99.3	121.9	128.5	-	-	-	-	-	-
Transportation by air	45	454.7	457.7	490.9	491.5	-	-	-	-	-	-
Air transportation	451,2	398.9	401.3	428.9	428.5	-	-	-	-	-	-
Air transportation services	458	55.8	56.4	62.0	63.0	-	-	-	-	-	-
Pipe lines, except natural gas	46	20.3	20.4	20.6	20.9	-	14.3	14.4	14.6	14.7	-
Transportation services	47	229.0	228.4	260.2	258.5	-	-	-	-	-	-
Freight forwarding	471	55.0	55.6	65.5	66.6	-	-	-	-	-	-
Communication and public utilities		2,280	2,278	2,274	2,271	2,272	-	-	-	-	-
Communication	48	1,394.9	1,393.7	1,383.5	1,381.8	-	1,058.4	1,056.5	1,046.5	1,044.9	-
Telephone communication	481	1,012.4	1,006.9	975.4	973.0	-	754.1	748.5	722.7	720.6	-
Radio and television broadcasting	483	225.8	226.5	231.2	231.5	-	181.6	182.4	186.7	187.2	-
Radio broadcasting	4832	111.0	111.0	111.1	111.6	-	-	-	-	-	-
Television broadcasting	4833	114.8	115.5	120.1	119.9	-	-	-	-	-	-
Electric, gas, and sanitary services	49	885.1	884.5	890.4	889.0	-	705.2	704.5	708.1	705.3	-
Electric services	491	433.3	432.8	442.8	442.9	-	340.2	339.5	345.7	345.4	-
Gas production and distribution	492	171.7	171.5	170.4	169.7	-	136.6	136.4	133.6	132.8	-
Combination utility services	493	203.1	203.0	197.7	197.1	-	161.4	161.7	160.4	159.2	-
Sanitary services	495	53.9	53.7	56.0	55.8	-	48.2	47.8	49.2	48.8	-
Wholesale trade		5,363	5,379	5,637	5,642	5,660	4,313	4,324	4,556	4,557	4,567
Durable goods	50	3,132	3,147	3,308	3,319	3,338	2,499	2,511	2,654	2,663	-
Motor vehicles and automotive equipment	501	405.3	406.8	422.1	421.3	-	319.6	321.4	338.9	338.5	-
Automobiles and other motor vehicles	5012	96.6	97.3	104.3	104.0	-	-	-	-	-	-
Automotive parts and supplies	5013	274.4	275.4	283.5	282.7	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Wholesale trade—Continued											
Durable goods—Continued											
Furniture and home furnishings	502	116.2	116.9	122.4	123.6	-	96.7	97.4	103.3	104.6	-
Furniture	5021	49.4	49.8	50.9	51.5	-	-	-	-	-	-
Home furnishings	5023	66.8	67.1	71.5	72.1	-	-	-	-	-	-
Lumber and construction materials	503	195.8	196.2	205.5	204.6	-	162.2	162.6	171.2	170.0	-
Lumber, plywood, and millwork	5031	88.3	89.0	95.4	94.7	-	-	-	-	-	-
Construction materials, nec	5039	107.5	107.2	110.1	109.9	-	-	-	-	-	-
Sporting goods, toys, and hobby goods	504	71.8	71.2	73.2	73.6	-	57.5	56.8	61.3	61.8	-
Metals and minerals, except petroleum	505	129.0	129.6	133.4	133.3	-	102.8	103.4	107.5	107.5	-
Electrical goods	506	451.8	454.8	476.1	480.5	-	360.3	362.6	379.2	382.6	-
Electrical apparatus and equipment	5063	242.1	243.8	253.7	255.6	-	-	-	-	-	-
Electrical appliances, TV and radios	5064	72.3	71.7	73.4	73.8	-	-	-	-	-	-
Electronic parts and equipment	5065	137.4	139.3	149.0	151.1	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	238.5	239.8	250.6	250.8	-	194.0	195.0	203.3	203.3	-
Hardware	5072	80.3	81.1	84.0	84.0	-	-	-	-	-	-
Plumbing and hydronic heating supplies	5074	99.4	100.0	104.6	104.8	-	-	-	-	-	-
Machinery, equipment, and supplies	508	1,334.6	1,340.5	1,427.5	1,432.9	-	1,049.0	1,053.3	1,125.8	1,131.2	-
Commercial machines and equipment	5081	456.2	460.5	492.6	496.9	-	-	-	-	-	-
Construction and mining machinery	5082	74.6	74.9	81.3	81.7	-	-	-	-	-	-
Farm machinery and equipment	5083	134.1	132.8	140.2	138.7	-	-	-	-	-	-
Industrial machinery and equipment	5084	295.4	296.9	319.0	319.8	-	-	-	-	-	-
Industrial supplies	5085	126.1	126.8	137.2	137.7	-	-	-	-	-	-
Professional equipment and supplies	5086	151.2	150.5	156.2	156.2	-	-	-	-	-	-
Miscellaneous durable goods	509	189.1	191.2	197.1	197.9	-	157.0	158.6	163.1	163.8	-
Scrap and waste materials	5093	87.7	88.8	93.3	93.3	-	-	-	-	-	-
Nondurable goods	51	2,231	2,232	2,329	2,323	2,322	1,814	1,813	1,902	1,894	-
Paper and paper products	511	166.7	167.2	174.3	174.0	-	135.6	136.3	141.4	141.0	-
Drugs, proprietaries, and sundries	512	155.6	156.9	156.2	158.0	-	129.8	131.2	129.2	131.2	-
Apparel, piece goods, and notions	513	173.9	172.9	179.0	179.3	-	129.8	128.6	134.0	134.4	-
Groceries and related products	514	700.0	702.6	739.5	740.1	-	603.9	605.7	637.7	637.2	-
Groceries, general line	5141	222.9	224.2	234.3	236.3	-	-	-	-	-	-
Meats and meat products	5147	64.3	64.7	65.4	65.9	-	-	-	-	-	-
Fresh fruits and vegetables	5148	90.8	89.9	96.3	94.0	-	-	-	-	-	-
Chemicals and allied products	516	124.2	124.9	127.5	128.8	-	86.9	86.3	89.4	90.7	-
Petroleum and petroleum products	517	207.8	207.7	206.4	206.5	-	153.2	153.1	154.6	155.0	-
Petroleum bulk stations and terminals	5171	81.5	81.4	82.7	82.5	-	-	-	-	-	-
Petroleum products, nec	5172	126.3	126.3	123.7	124.0	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	149.3	151.1	154.8	155.6	-	125.9	127.6	129.3	129.8	-
Beer and ale	5181	92.4	93.0	96.3	96.7	-	-	-	-	-	-
Wines and distilled beverages	5182	56.9	58.1	58.5	58.9	-	-	-	-	-	-
Miscellaneous nondurable goods	519	399.8	398.1	420.2	412.7	-	321.3	320.1	342.7	334.9	-
Farm supplies	5191	145.9	143.8	161.6	153.8	-	-	-	-	-	-
Retail trade		16,022	16,417	16,534	16,872	17,233	14,388	14,778	14,809	15,137	15,472
Building materials and garden supplies	52	630.7	629.8	659.1	656.0	-	532.1	531.6	557.7	554.5	-
Lumber and other building materials	521	334.7	331.1	350.0	346.4	-	284.7	281.2	298.1	294.3	-
Hardware stores	525	151.7	153.6	157.7	158.3	-	128.8	130.9	133.1	134.2	-
General merchandise stores	53	2,313.3	2,491.6	2,341.3	2,519.5	2,701.2	2,174.7	2,352.0	2,191.3	2,367.5	-
Department stores	531	1,964.8	2,122.5	1,992.8	2,155.1	-	1,859.0	2,015.6	1,879.0	2,038.8	-
Variety stores	533	221.2	235.1	220.3	229.9	-	203.9	217.5	201.2	210.9	-
Misc. general merchandise stores	539	127.3	134.0	128.2	134.5	-	111.8	118.9	111.1	117.8	-
Food stores	54	2,620.9	2,647.9	2,684.6	2,723.6	2,753.9	2,440.7	2,467.4	2,498.7	2,533.5	-
Grocery stores	541	2,287.6	2,306.9	2,354.9	2,378.7	-	2,139.4	2,157.7	2,203.2	2,224.5	-
Meat markets and freezer provisioners	542	57.9	57.6	57.3	58.3	-	-	-	-	-	-
Dairy products stores	545	42.0	43.5	39.2	42.3	-	-	-	-	-	-
Retail bakeries	546	146.4	146.1	155.2	159.2	-	133.7	133.5	140.2	143.6	-
Automotive dealers and service stations	55	1,702.0	1,705.0	1,770.4	1,771.0	1,770.7	1,433.7	1,435.5	1,485.2	1,482.8	-
New and used car dealers	551,2	784.2	785.9	828.3	829.8	-	646.6	648.1	682.6	682.9	-
Auto and home supply stores	553	280.2	282.7	288.3	289.9	-	241.9	243.1	241.1	241.3	-
Gasoline service stations	554	563.6	563.5	575.6	575.9	-	485.8	486.2	499.6	499.3	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Retail trade—Continued											
Apparel and accessory stores	56	988.3	1,064.5	978.9	1,021.3	-	840.8	914.8	824.7	867.0	-
Men's and boys' clothing and furnishings	561	119.0	132.5	112.6	117.3	-	100.2	113.4	93.8	98.8	-
Women's ready-to-wear stores	562	358.2	375.4	362.4	372.3	-	306.3	323.9	308.2	318.2	-
Family clothing stores	565	185.1	209.9	181.4	195.9	-	162.4	186.6	157.8	171.6	-
Shoe stores	566	210.1	222.8	207.0	213.2	-	172.3	183.5	167.7	173.8	-
Furniture and home furnishings stores	57	638.6	651.3	675.0	694.6	-	535.2	547.2	563.6	581.1	-
Furniture and home furnishings stores	571	381.1	385.3	386.8	396.6	-	319.4	323.9	322.8	331.6	-
Furniture stores	5712	240.9	243.8	246.9	249.2	-	-	-	-	-	-
Household appliance stores	572	81.8	82.5	81.9	81.8	-	70.0	70.7	69.2	69.3	-
Radio, television, and music stores	573	175.7	183.5	206.3	216.2	-	145.8	152.6	171.6	180.2	-
Radio and television stores	5732	115.9	120.3	142.7	149.1	-	-	-	-	-	-
Music stores	5733	59.8	63.2	63.6	67.1	-	-	-	-	-	-
Eating and drinking places	58	5,049.9	5,057.9	5,306.2	5,274.2	5,289.3	4,624.5	4,631.5	4,857.1	4,829.3	-
Miscellaneous retail	59	2,077.8	2,169.3	2,118.9	2,211.6	-	1,806.5	1,898.1	1,831.0	1,921.5	-
Drug stores and proprietary stores	591	517.6	531.6	550.9	561.6	-	458.8	472.3	484.2	493.7	-
Liquor stores	592	127.2	132.9	122.5	123.1	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	701.8	755.6	692.1	759.9	-	608.4	662.6	595.5	664.4	-
Sporting goods and bicycle shops	5941	123.9	131.9	119.2	129.9	-	-	-	-	-	-
Book stores	5942	67.1	71.8	68.8	71.9	-	-	-	-	-	-
Stationery stores	5943	65.7	67.5	68.7	71.1	-	-	-	-	-	-
Jewelry stores	5944	149.6	162.6	144.2	157.0	-	-	-	-	-	-
Gift, novelty, and souvenir shops	5947	118.8	126.7	116.3	125.0	-	-	-	-	-	-
Sewing, needlework, and piece goods	5949	66.8	68.5	72.1	78.8	-	-	-	-	-	-
Nonstore retailers	596	270.9	274.4	272.2	280.3	-	248.9	252.0	247.2	254.9	-
Mail order houses	5961	137.0	139.2	133.8	141.3	-	-	-	-	-	-
Merchandising machine operators	5962	80.6	81.3	84.7	85.1	-	-	-	-	-	-
Fuel and ice dealers	598	104.5	107.3	107.9	110.8	-	86.4	89.1	90.2	92.9	-
Retail stores, nec	599	287.1	298.3	299.4	301.5	-	238.6	250.3	248.6	250.3	-
Finance, insurance, and real estate³		5,520	5,534	5,702	5,717	5,736	4,105	4,114	4,232	4,235	4,246
Finance		2,783	2,797	2,868	2,882	2,899	-	-	-	-	-
Banking	60	1,667.1	1,672.1	1,687.0	1,693.4	-	1,238.0	1,241.4	1,246.5	1,249.8	-
Commercial and stock savings banks	602	1,510.9	1,516.2	1,533.5	1,538.9	-	1,116.8	1,119.9	1,125.4	1,128.7	-
State banks, Federal Reserve	6022	333.3	334.6	338.1	339.2	-	-	-	-	-	-
State banks, not Federal Reserve	6023,4	378.9	379.7	385.9	387.1	-	-	-	-	-	-
Mutual savings banks	603	75.7	75.9	77.6	77.6	-	-	-	-	-	-
Credit agencies other than banks	61	648.2	654.1	694.5	700.0	-	494.2	499.7	529.5	534.1	-
Savings and loan associations	612	302.2	304.5	319.3	320.8	-	233.2	235.8	245.3	247.0	-
Federal savings and loan associations	6122	175.0	176.4	182.5	183.1	-	-	-	-	-	-
State associations, insured	6123	118.3	119.1	127.1	127.8	-	-	-	-	-	-
Personal credit institutions	614	202.9	204.5	214.0	215.5	-	155.3	156.7	165.3	166.8	-
Business credit institutions	615	36.2	36.6	40.2	40.8	-	-	-	-	-	-
Mortgage bankers and brokers	616	83.8	85.3	97.0	98.6	-	-	-	-	-	-
Security, commodity brokers, and services	62	326.5	329.6	344.2	344.3	-	-	-	-	-	-
Security brokers and dealers	621	267.1	269.3	281.4	281.1	-	-	-	-	-	-
Holding and other investment offices	67	141.0	141.5	142.4	144.4	-	-	-	-	-	-
Insurance		1,725	1,729	1,770	1,775	1,782	-	-	-	-	-
Insurance carriers	63	1,236.4	1,238.4	1,250.7	1,253.1	-	832.1	834.4	848.0	849.6	-
Life insurance	631	540.9	541.5	536.9	537.5	-	322.8	323.4	326.3	326.2	-
Medical service and health insurance	632	147.1	148.3	157.6	158.9	-	117.4	118.7	126.6	127.5	-
Fire, marine, and casualty insurance	633	469.5	469.5	473.6	474.4	-	328.6	329.0	329.9	331.2	-
Title insurance	636	44.1	44.1	45.1	44.7	-	-	-	-	-	-
Insurance agents, brokers, and service	64	488.6	490.5	519.3	522.2	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Finance, insurance, and real estate—Continued											
Real estate, and combined real estate, insurance, etc		1,012	1,008	1,064	1,060	1,055	-	-	-	-	-
Real estate	65	996.4	992.5	1,048.2	1,044.2	-	-	-	-	-	
Real estate operators and lessors	651	482.7	486.2	492.4	489.1	-	-	-	-	-	
Real estate agents and managers	653	368.0	365.3	396.6	400.1	-	-	-	-	-	
Subdividers and developers	655	121.0	116.1	131.9	127.8	-	-	-	-	-	
Combined real estate, insurance, etc	66	15.3	15.5	16.0	15.9	-	-	-	-	-	
Services		20,024	20,046	21,027	21,041	21,052	17,738	17,758	18,613	18,617	18,613
Hotels and other lodging places	70	1,154.8	1,145.7	1,259.5	1,233.0	-	-	-	-	-	
Hotels, motels, and tourist courts	701	1,125.4	1,117.3	1,227.0	1,202.7	-	1,019.0	1,011.9	1,108.4	1,084.0	
Personal services	72	961.6	966.2	1,011.5	1,018.8	-	-	-	-	-	
Laundry, cleaning, and garment services	721	354.1	355.7	365.3	368.7	-	314.8	316.2	325.7	329.2	
Photographic studios, portrait	722	59.0	58.5	63.2	65.3	-	-	-	-	-	
Beauty shops	723	304.8	307.2	325.2	327.9	-	280.4	281.5	294.3	296.8	
Funeral service and crematories	726	72.4	73.0	73.6	73.4	-	-	-	-	-	
Business services	73	3,735.1	3,786.9	4,155.4	4,177.4	4,190.4	3,248.3	3,299.0	3,633.4	3,649.9	
Advertising	731	173.2	172.5	179.3	181.6	-	131.1	130.5	135.7	137.7	
Advertising agencies	7311	131.7	131.8	137.1	139.1	-	-	-	-	-	
Credit reporting and collection	732	76.4	76.5	81.0	81.9	-	-	-	-	-	
Mailing, reproduction, and stenographic	733	155.8	152.9	166.6	168.6	-	-	-	-	-	
Services to buildings	734	575.2	575.3	628.6	633.3	-	523.5	524.0	572.3	575.5	
Personnel supply services	736	707.9	751.1	879.9	869.7	-	-	-	-	-	
Employment agencies	7361	142.6	148.6	176.9	177.8	-	-	-	-	-	
Temporary help supply services	7362	532.8	569.5	666.3	655.3	-	-	-	-	-	
Computer and data processing services	737	438.5	446.5	492.4	498.0	-	368.3	375.8	410.5	414.5	
Computer programming and software	7372	144.8	147.4	163.6	165.7	-	-	-	-	-	
Data processing services	7374	229.1	233.8	258.6	260.9	-	-	-	-	-	
Miscellaneous business services	739	1,600.3	1,604.1	1,719.8	1,736.4	-	-	-	-	-	
Research development laboratories, nec	7391	175.4	176.7	186.9	188.5	-	-	-	-	-	
Management and public relations	7392	418.3	422.7	451.6	460.5	-	-	-	-	-	
Detective and protective services	7393	374.6	377.7	391.9	392.6	-	-	-	-	-	
Equipment rental and leasing	7394	138.5	138.2	151.7	150.7	-	-	-	-	-	
Photofinishing laboratories	7395	83.1	80.4	81.6	84.6	-	-	-	-	-	
Auto repair, services, and garages	75	633.1	635.4	696.3	692.5	-	535.2	536.4	589.3	585.0	
Automotive rentals, without drivers	751	127.5	128.5	135.9	133.7	-	-	-	-	-	
Automotive repair shops	753	391.6	391.6	428.4	426.2	-	327.3	326.6	357.1	354.3	
Miscellaneous repair services	76	291.9	292.4	312.7	313.7	-	242.7	243.7	262.1	262.6	
Electrical repair shops	762	86.7	86.7	85.8	86.7	-	-	-	-	-	
Motion pictures	78	213.5	211.5	219.6	219.7	-	183.4	182.4	188.6	188.5	
Motion picture production and services	781	102.2	100.5	106.8	109.3	-	85.4	84.4	89.4	91.6	
Motion picture theaters	783	100.5	100.4	102.2	99.8	-	-	-	-	-	
Amusement and recreation services	79	762.3	774.8	793.9	764.5	-	685.7	698.0	712.4	682.0	
Health services	80	6,018.6	6,018.7	6,093.1	6,104.4	6,116.6	5,405.2	5,402.6	5,449.5	5,459.6	
Offices of physicians	801	877.8	877.7	918.1	924.2	-	738.1	738.2	767.6	774.0	
Offices of dentists	802	419.1	422.1	437.7	440.5	-	370.6	373.6	387.4	390.4	
Nursing and personal care facilities	805	1,125.1	1,126.9	1,161.4	1,164.3	-	1,018.9	1,020.0	1,050.8	1,054.5	
Skilled nursing care facilities	8051	720.5	722.0	743.1	744.5	-	-	-	-	-	
Nursing and personal care, nec	8059	404.6	404.9	418.3	419.8	-	-	-	-	-	
Hospitals	806	3,031.3	3,021.9	2,966.4	2,960.5	-	2,775.4	2,765.5	2,709.4	2,702.5	
General medical and surgical hospitals	8062	2,866.7	2,857.4	2,798.7	2,792.0	-	-	-	-	-	
Psychiatric hospitals	8063	48.3	48.5	49.9	50.4	-	-	-	-	-	
Specialty hospitals, excluding psychiatric	8069	116.3	116.0	117.8	118.1	-	-	-	-	-	
Medical and dental laboratories	807	110.1	110.3	108.7	108.4	-	-	-	-	-	
Outpatient care facilities	808	184.3	186.3	196.1	197.9	-	-	-	-	-	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers ¹				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Services—Continued											
Legal services	91	617.3	617.2	659.6	666.2	-	520.0	519.4	559.0	566.4	-
Educational services	82	1,317.9	1,285.2	1,315.3	1,332.8	-	-	-	-	-	-
Elementary and secondary schools	821	344.8	344.6	354.1	355.7	-	-	-	-	-	-
Colleges and universities	822	848.5	815.8	833.1	847.2	-	-	-	-	-	-
Correspondence and vocational schools	824	58.0	58.3	60.6	62.0	-	-	-	-	-	-
Social services	83	1,261.0	1,264.4	1,342.8	1,359.4	-	-	-	-	-	-
Individual and family services	832	272.7	275.5	311.0	316.1	-	-	-	-	-	-
Job training and related services	833	198.2	197.1	206.9	209.4	-	-	-	-	-	-
Residential care	836	253.8	255.6	266.2	267.7	-	-	-	-	-	-
Museums, botanical and zoological gardens	84	38.1	37.5	44.1	43.1	-	-	-	-	-	-
Membership organizations	86	1,505.7	1,510.3	1,501.7	1,499.8	-	-	-	-	-	-
Business associations	861	84.6	85.7	86.7	87.1	-	-	-	-	-	-
Labor organizations	863	135.0	138.3	141.4	136.5	-	-	-	-	-	-
Civic and social associations	864	320.8	321.4	323.4	326.8	-	-	-	-	-	-
Miscellaneous services	89	1,076.3	1,078.7	1,155.4	1,162.5	-	882.8	885.9	949.9	956.2	-
Engineering and architectural services	891	582.7	581.9	635.6	639.6	-	485.8	485.6	536.9	540.3	-
Noncommercial research organizations	892	108.5	108.0	109.5	110.9	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	893	364.5	368.1	389.0	390.4	-	289.0	293.1	304.8	306.0	-
Government		16,112	16,085	16,213	16,368	16,341	-	-	-	-	-
Federal Government ⁴		2,741	2,751	2,773	2,776	2,783	-	-	-	-	-
Executive, by agency ⁴		2,685.5	2,695.6	2,717.2	-	-	-	-	-	-	-
Department of Defense		938.8	942.5	961.5	-	-	-	-	-	-	-
Postal Service		673.5	680.1	678.3	-	-	-	-	-	-	-
Other executive agencies		1,073.2	1,073.0	1,077.4	-	-	-	-	-	-	-
Legislative		39.1	39.1	38.9	-	-	-	-	-	-	-
Judicial		16.6	16.6	17.0	-	-	-	-	-	-	-
Federal government, by industry:											
Manufacturing activities		135.6	136.0	137.2	137.5	-	-	-	-	-	-
Shipbuilding and repairing	3731	82.6	82.9	83.0	83.3	-	-	-	-	-	-
Transportation and public utilities, except Postal											
Service		39.8	39.2	37.9	37.7	-	-	-	-	-	-
Services		402.8	402.6	406.3	403.6	-	-	-	-	-	-
Hospitals	806	238.2	238.9	240.3	240.8	-	-	-	-	-	-
State government		3,768	3,743	3,801	3,829	3,813	-	-	-	-	-
Hospitals	806	468.1	469.0	471.2	471.8	-	-	-	-	-	-
Education	82	1,594.9	1,570.6	1,586.0	1,617.4	-	-	-	-	-	-
General administration, including executive,											
legislative, and judicial functions		1,114.7	1,114.7	1,141.0	1,137.8	-	-	-	-	-	-
Local government		9,604	9,591	9,639	9,763	9,745	-	-	-	-	-
Transportation and public utilities		492.8	492.9	502.6	498.7	-	-	-	-	-	-
Hospitals	806	641.5	638.5	620.5	620.4	-	-	-	-	-	-
Education	82	5,384.0	5,378.1	5,403.4	5,504.1	-	-	-	-	-	-
General administration, including executive,											
legislative, and judicial functions		2,803.9	2,799.9	2,835.9	2,866.3	-	-	-	-	-	-

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 Beginning in January 1978, data relate to line haul railroads with operating revenues of \$50,000,000 or more.

³ Data for nonoffice sales agents are excluded from the nonsupervisory count for all series in this division.

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.

- Data not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1983 forward are subject to revision.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	Sept. 1983	Oct. 1983	Aug. 1984	Sept. 1984	Oct. 1984
Total	40,237	40,669	41,407	42,261	42,745
Total private	32,749	32,881	34,260	34,522	34,684
Goods-producing	6,681	6,710	7,022	7,040	7,023
Mining	116	116	124	123	123
Construction	401	400	439	438	439
Manufacturing	6,164	6,194	6,459	6,479	6,461
Durable goods	2,877	2,909	3,106	3,126	3,129
Lumber and wood products	103	103	110	109	108
Furniture and fixtures	137	139	144	145	148
Stone, clay, and glass products	115	116	119	120	120
Primary metal industries	100	101	107	106	106
Fabricated metal products	309	312	328	331	332
Machinery, except electrical	453	455	492	493	495
Electrical and electronic equipment	881	894	976	981	978
Transportation equipment	306	311	337	344	345
Instruments and related products	300	301	313	314	315
Miscellaneous manufacturing	175	179	182	183	183
Nondurable goods	3,287	3,285	3,353	3,353	3,332
Food and kindred products	550	527	553	554	535
Tobacco manufactures	26	26	24	27	27
Textile mill products	363	366	359	359	355
Apparel and other textile products	962	974	968	963	963
Paper and allied products	156	157	164	162	163
Printing and publishing	533	537	568	571	575
Chemicals and allied products	276	275	288	287	286
Petroleum and coal products	30	30	30	29	29
Rubber and misc. plastics products	264	266	281	283	282
Leather and leather products	126	126	120	118	118
Service-producing	33,556	33,959	34,385	35,221	35,722
Transportation and public utilities	1,365	1,368	1,403	1,429	1,434
Wholesale trade	1,474	1,490	1,559	1,586	1,605
Retail trade	8,012	8,028	8,419	8,514	8,573
Finance, insurance, and real estate	3,307	3,309	3,468	3,450	3,462
Services	11,910	11,976	12,389	12,503	12,587
Government	7,488	7,788	7,147	7,739	8,061
Federal	951	950	983	968	967
State	1,549	1,636	1,559	1,641	1,716
Local	4,988	5,202	4,605	5,130	5,378

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1983 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1984												
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Total	92,026	92,391	92,846	93,058	93,449	93,786	94,135	94,350	94,523	94,807	95,154	95,489	95,798
Total private	76,157	76,533	76,971	77,185	77,546	77,864	78,241	78,422	78,566	78,698	79,054	79,368	79,674
Goods-producing	24,198	24,383	24,577	24,595	24,760	24,851	24,974	25,059	25,098	25,010	25,080	25,113	25,248
Mining	969	975	978	978	984	995	1,002	1,007	1,017	1,020	1,012	1,009	1,005
Oil and gas extraction	607	608	607	607	612	619	623	629	636	642	643	648	645
Construction	4,086	4,154	4,226	4,151	4,246	4,286	4,343	4,356	4,356	4,374	4,382	4,393	4,447
General building contractors	1,077	1,100	1,111	1,099	1,110	1,126	1,135	1,133	1,132	1,140	1,140	1,144	1,160
Manufacturing	19,143	19,254	19,373	19,466	19,530	19,570	19,629	19,696	19,725	19,616	19,686	19,711	19,796
Durable goods	11,266	11,343	11,440	11,513	11,551	11,598	11,652	11,702	11,758	11,696	11,752	11,772	11,828
Lumber and wood products	698	702	706	712	714	711	712	708	706	703	710	713	717
Furniture and fixtures	470	475	480	483	482	482	485	485	484	481	487	492	493
Stone, clay, and glass products	592	595	604	606	604	605	605	606	603	603	606	607	613
Primary metal industries	877	871	877	877	879	887	884	880	879	865	866	866	861
Blast furnaces and basic steel products	352	347	348	347	345	347	345	342	334	324	320	320	321
Fabricated metal products	1,431	1,440	1,447	1,456	1,459	1,469	1,479	1,490	1,491	1,485	1,495	1,497	1,505
Machinery, except electrical	2,122	2,137	2,151	2,166	2,189	2,203	2,226	2,242	2,252	2,243	2,255	2,250	2,252
Electrical and electronic equipment	2,132	2,152	2,175	2,202	2,212	2,228	2,237	2,252	2,267	2,263	2,269	2,274	2,281
Transportation equipment	1,855	1,876	1,898	1,905	1,905	1,906	1,917	1,926	1,961	1,939	1,945	1,954	1,983
Motor vehicles and equipment	843	858	865	863	857	848	855	858	894	864	865	877	901
Instruments and related products	707	711	715	718	719	722	723	727	726	726	729	731	733
Miscellaneous manufacturing	382	384	387	388	388	385	384	386	389	388	390	388	390
Nondurable goods	7,877	7,911	7,933	7,953	7,979	7,972	7,977	7,994	7,967	7,920	7,934	7,939	7,968
Food and kindred products	1,631	1,638	1,637	1,638	1,648	1,643	1,644	1,655	1,642	1,630	1,640	1,645	1,657
Tobacco manufactures	67	66	65	66	67	67	67	66	65	69	69	66	63
Textile mill products	762	768	767	769	766	762	759	755	751	744	735	731	730
Apparel and other textile products	1,202	1,207	1,213	1,218	1,226	1,217	1,209	1,206	1,200	1,181	1,178	1,177	1,188
Paper and allied products	675	676	680	680	680	681	685	687	686	680	684	683	686
Printing and publishing	1,321	1,328	1,333	1,339	1,348	1,356	1,362	1,368	1,371	1,375	1,380	1,387	1,389
Chemicals and allied products	1,052	1,053	1,054	1,054	1,057	1,057	1,062	1,064	1,067	1,063	1,065	1,065	1,067
Petroleum and coal products	191	191	190	190	189	188	188	187	187	186	185	185	185
Rubber and misc. plastics products	766	774	784	790	790	795	797	801	800	798	805	809	813
Leather and leather products	210	210	210	209	208	206	204	205	198	194	193	191	190
Service-producing	67,828	68,008	68,269	68,463	68,689	68,935	69,161	69,291	69,425	69,797	70,074	70,376	70,550
Transportation and public utilities	5,055	5,095	5,105	5,112	5,129	5,144	5,163	5,175	5,202	5,213	5,225	5,224	5,238
Transportation	2,776	2,816	2,828	2,839	2,862	2,871	2,883	2,896	2,924	2,937	2,951	2,953	2,966
Communication and public utilities	2,279	2,279	2,276	2,273	2,267	2,273	2,280	2,279	2,278	2,276	2,274	2,271	2,272
Wholesale trade	5,371	5,406	5,438	5,457	5,473	5,492	5,502	5,528	5,544	5,588	5,612	5,623	5,653
Durable goods	3,147	3,168	3,193	3,205	3,215	3,235	3,249	3,268	3,278	3,293	3,301	3,316	3,338
Nondurable goods	2,224	2,238	2,245	2,252	2,258	2,257	2,253	2,260	2,266	2,295	2,311	2,307	2,315
Retail trade	15,857	15,914	15,980	16,030	16,095	16,166	16,245	16,283	16,295	16,342	16,468	16,639	16,650
General merchandise stores	2,189	2,210	2,211	2,230	2,251	2,273	2,295	2,301	2,303	2,318	2,334	2,390	2,374
Food stores	2,600	2,618	2,626	2,626	2,635	2,630	2,641	2,648	2,640	2,648	2,677	2,697	2,705
Automotive dealers and service stations	1,710	1,725	1,740	1,748	1,743	1,751	1,751	1,762	1,758	1,755	1,763	1,771	1,778
Eating and drinking places	5,095	5,111	5,121	5,136	5,154	5,183	5,199	5,211	5,238	5,255	5,280	5,306	5,327
Finance, insurance, and real estate	5,546	5,573	5,593	5,613	5,640	5,662	5,676	5,676	5,679	5,684	5,705	5,728	5,748
Finance	2,789	2,797	2,812	2,831	2,851	2,863	2,858	2,854	2,850	2,856	2,865	2,876	2,890
Insurance	1,730	1,737	1,741	1,742	1,742	1,746	1,752	1,759	1,763	1,766	1,774	1,779	1,784
Real estate	1,027	1,039	1,040	1,041	1,047	1,053	1,066	1,063	1,066	1,062	1,066	1,073	1,074
Services	20,130	20,162	20,278	20,378	20,449	20,549	20,681	20,701	20,748	20,861	20,964	21,041	21,137
Business services	3,758	3,798	3,845	3,875	3,912	3,979	4,014	4,035	4,069	4,085	4,110	4,144	4,161
Health services	6,026	6,030	6,040	6,052	6,062	6,073	6,064	6,079	6,034	6,085	6,087	6,104	6,123
Government	15,869	15,858	15,875	15,873	15,903	15,922	15,894	15,928	15,957	16,109	16,100	16,121	16,124
Federal	2,762	2,760	2,763	2,770	2,771	2,785	2,777	2,779	2,785	2,804	2,790	2,793	2,794
State	3,668	3,670	3,682	3,686	3,693	3,699	3,699	3,697	3,714	3,725	3,719	3,728	3,738
Local	9,439	9,428	9,430	9,417	9,439	9,438	9,418	9,452	9,458	9,580	9,591	9,600	9,592

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are

introduced, all seasonally adjusted data from January 1980 forward are subject to revision.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1983			1984									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Total	40,373	40,531	40,712	40,858	41,074	41,210	41,390	41,584	41,735	41,966	42,094	42,246	42,441
Total private	32,684	32,824	32,997	33,140	33,333	33,463	33,618	33,793	33,948	34,081	34,176	34,290	34,482
Goods-producing	6,626	6,677	6,723	6,773	6,820	6,854	6,886	6,904	6,919	6,943	6,947	6,916	6,935
Mining	117	116	116	117	117	117	117	119	120	121	122	123	124
Construction	397	400	402	404	407	409	413	418	423	424	429	432	436
Manufacturing	6,112	6,161	6,205	6,252	6,296	6,328	6,356	6,367	6,376	6,398	6,396	6,361	6,375
Durable goods	2,887	2,920	2,947	2,973	3,003	3,031	3,043	3,057	3,075	3,089	3,108	3,092	3,105
Lumber and wood products	101	102	103	105	105	106	107	106	107	107	107	106	107
Furniture and fixtures	137	139	140	142	143	144	144	144	146	146	145	145	146
Stone, clay, and glass products	114	114	115	116	117	118	117	117	117	116	117	117	118
Primary metal industries	101	102	103	103	103	104	105	105	105	105	106	105	106
Fabricated metal products	309	312	315	317	320	322	321	325	324	328	328	326	329
Machinery, except electrical	456	463	466	468	473	476	481	485	492	494	496	492	495
Electrical and electronic equipment	888	901	910	921	932	946	952	957	965	970	977	973	972
Transportation equipment	308	310	315	319	324	327	327	330	332	335	341	339	342
Instruments and related products	301	303	304	306	308	310	310	311	311	313	312	312	314
Miscellaneous manufacturing	172	174	176	176	178	178	179	177	176	175	179	177	176
Nondurable goods	3,225	3,241	3,258	3,279	3,293	3,297	3,313	3,310	3,309	3,309	3,288	3,269	3,270
Food and kindred products	496	501	502	505	506	504	508	506	505	514	504	502	504
Tobacco manufactures	23	22	23	23	23	23	24	24	23	24	23	24	24
Textile mill products	361	361	363	366	366	367	365	364	361	360	356	353	350
Apparel and other textile products	959	965	969	974	979	982	989	983	973	968	964	950	946
Paper and allied products	156	156	157	157	158	157	158	159	162	162	162	160	162
Printing and publishing	538	540	543	547	549	552	557	562	566	568	570	573	575
Chemicals and allied products	275	275	276	278	279	279	281	281	282	284	285	285	286
Petroleum and coal products	30	30	30	30	30	30	30	30	30	30	29	29	29
Rubber and misc. plastics products	263	267	271	275	278	280	278	279	278	278	278	278	279
Leather and leather products	124	124	124	124	125	123	123	122	121	121	117	115	115
Service-producing	33,747	33,854	33,989	34,085	34,254	34,356	34,504	34,680	34,816	35,023	35,147	35,330	35,506
Transportation and public utilities	1,355	1,356	1,362	1,373	1,378	1,380	1,385	1,388	1,400	1,409	1,416	1,420	1,420
Wholesale trade	1,474	1,485	1,496	1,508	1,519	1,532	1,534	1,542	1,544	1,556	1,561	1,580	1,588
Retail trade	7,987	8,024	8,048	8,084	8,121	8,154	8,204	8,265	8,323	8,360	8,394	8,446	8,530
Finance, insurance, and real estate	3,318	3,327	3,340	3,358	3,367	3,374	3,387	3,403	3,419	3,429	3,444	3,450	3,472
Services	11,924	11,955	12,028	12,044	12,128	12,169	12,222	12,291	12,343	12,384	12,414	12,478	12,537
Government	7,689	7,707	7,715	7,718	7,741	7,747	7,772	7,791	7,787	7,885	7,918	7,956	7,959
Federal	960	960	962	962	964	967	964	968	962	962	967	976	977
State	1,595	1,603	1,609	1,620	1,629	1,636	1,650	1,660	1,670	1,668	1,676	1,680	1,673
Local	5,134	5,144	5,144	5,136	5,148	5,144	5,158	5,163	5,155	5,255	5,275	5,300	5,309

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1980 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1983			1984									
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Total private	61,665	61,948	62,327	62,443	62,800	63,060	63,363	63,494	63,616	63,708	63,996	64,282	64,489
Goods-producing	16,996	17,155	17,318	17,297	17,446	17,507	17,600	17,654	17,671	17,581	17,630	17,640	17,762
Mining	690	694	696	698	707	714	720	720	729	730	724	722	718
Construction	3,161	3,227	3,296	3,211	3,296	3,328	3,388	3,393	3,384	3,403	3,409	3,416	3,460
Manufacturing	13,145	13,234	13,326	13,388	13,443	13,465	13,492	13,541	13,558	13,448	13,497	13,502	13,584
Durable goods	7,585	7,643	7,718	7,769	7,799	7,826	7,860	7,899	7,945	7,876	7,915	7,921	7,975
Lumber and wood products	587	589	592	599	599	596	597	594	592	589	595	597	600
Furniture and fixtures	376	380	384	387	387	385	387	388	386	383	388	394	395
Stone, clay, and glass products	454	455	462	463	464	465	466	466	464	463	464	466	471
Primary metal industries	665	661	666	666	668	676	674	669	668	655	658	657	654
Fabricated metal products	1,049	1,056	1,062	1,069	1,074	1,083	1,091	1,101	1,103	1,096	1,103	1,107	1,114
Machinery, except electrical	1,273	1,286	1,300	1,314	1,329	1,342	1,356	1,370	1,379	1,368	1,379	1,372	1,379
Electrical and electronic equipment	1,313	1,327	1,346	1,364	1,371	1,377	1,379	1,390	1,401	1,395	1,398	1,398	1,399
Transportation equipment	1,192	1,208	1,221	1,221	1,221	1,217	1,224	1,233	1,265	1,241	1,240	1,240	1,271
Instruments and related products	398	401	403	404	403	404	405	406	403	403	405	407	408
Miscellaneous manufacturing	278	280	282	282	283	281	281	282	284	283	285	283	284
Nondurable goods	5,560	5,591	5,608	5,619	5,644	5,639	5,632	5,642	5,613	5,572	5,582	5,581	5,609
Food and kindred products	1,126	1,134	1,133	1,133	1,143	1,142	1,142	1,152	1,140	1,131	1,137	1,140	1,151
Tobacco manufactures	50	49	49	50	50	50	50	50	49	53	53	50	47
Textile mill products	660	666	665	666	665	661	658	652	649	642	634	630	631
Apparel and other textile products	1,018	1,023	1,028	1,031	1,039	1,033	1,021	1,018	1,013	998	996	995	1,006
Paper and allied products	506	508	511	512	512	512	515	516	516	510	514	513	517
Printing and publishing	727	732	734	737	744	748	752	757	757	758	762	765	764
Chemicals and allied products	586	587	588	588	589	588	590	591	592	590	590	589	590
Petroleum and coal products	113	112	112	111	111	111	110	110	110	110	110	111	112
Rubber and misc. plastics products	598	604	612	616	616	621	623	624	622	619	626	630	634
Leather and leather products	176	176	176	175	175	173	171	172	165	161	160	158	157
Service-producing	44,669	44,793	45,009	45,146	45,354	45,553	45,763	45,840	45,945	46,127	46,366	46,642	46,727
Transportation and public utilities	4,161	4,189	4,198	4,207	4,228	4,236	4,253	4,265	4,293	4,295	4,305	4,307	4,323
Wholesale trade	4,316	4,349	4,375	4,395	4,406	4,425	4,430	4,458	4,466	4,502	4,529	4,534	4,558
Retail trade	14,221	14,264	14,317	14,341	14,434	14,493	14,558	14,586	14,592	14,626	14,735	14,913	14,891
Finance, insurance, and real estate	4,135	4,149	4,161	4,165	4,175	4,195	4,217	4,217	4,233	4,227	4,240	4,252	4,267
Services	17,836	17,842	17,958	18,038	18,111	18,204	18,305	18,314	18,361	18,477	18,557	18,636	18,688

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 1983 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1980 forward are subject to revision.

**ESTABLISHMENT DATA
INDEXES OF DIFFUSION
SEASONALLY ADJUSTED**

B-7. Indexes of diffusion: Percent of industries in which employment¹ increased, seasonally adjusted

Time span	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Over 1-month span	1982.....	27.6	47.6	35.7	30.8	41.6	33.0	34.6	32.4	37.3	28.9	32.4	45.7
	1983.....	54.3	46.5	60.8	68.9	69.5	64.6	74.3	68.6	69.5	75.4	69.7	73.8
	1984.....	71.1	73.2	67.0	63.8	64.1	63.0	62.4	57.6	40.8	65.7	^p 51.9	^p 66.5
Over 3-month span	1982.....	25.1	27.8	28.4	27.3	27.6	28.6	23.5	24.1	26.5	25.9	27.8	41.6
	1983.....	46.8	57.3	64.1	75.1	75.7	77.8	74.1	81.6	80.8	78.9	79.5	77.6
	1984.....	82.4	80.5	76.5	71.1	68.4	68.9	63.5	58.1	58.6	^p 53.8	^p 67.0	
Over 6-month span	1982.....	19.5	22.2	21.9	24.6	20.3	21.4	20.8	18.9	23.2	27.3	29.5	35.4
	1983.....	50.8	63.0	69.2	75.1	80.0	82.4	84.1	82.4	84.6	85.9	86.8	83.8
	1984.....	81.9	82.7	79.7	75.4	69.2	63.2	62.4	^p 62.4	^p 62.4			
Over 12-month span	1982.....	21.6	21.4	17.6	18.1	16.2	18.1	21.1	21.1	25.1	31.6	34.1	40.3
	1983.....	49.5	54.3	61.9	71.1	77.3	79.5	83.8	88.1	86.8	87.3	85.4	87.3
	1984.....	86.5	81.9	78.9	76.8	^p 74.9	^p 74.9						

¹ Based on the number of employees, seasonally adjusted for 1, 3, and 6 month spans, on the payrolls of 185 private nonagricultural industries. Data for the 12-month span are unadjusted.

^p = preliminary.

NOTE: Figures are the percent of industries with employment

rising. (Half of the unchanged components are counted as rising.) Data are centered within the spans. Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1980 forward are subject to revision.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P
Alabama	1,336.6	1,354.1	1,356.0	13.6	13.7	14.2	63.0	65.5	64.7
Birmingham	338.8	343.8	344.3	7.3	7.3	7.4	19.7	20.7	20.5
Huntsville	135.8	142.3	143.2	(¹)	(¹)	(¹)	4.5	4.8	4.8
Mobile	146.1	150.3	151.1	(¹)	(¹)	(¹)	9.6	11.6	11.6
Montgomery	108.9	110.8	110.8	(¹)	(¹)	(¹)	6.4	6.7	6.6
Tuscaloosa	50.6	51.8	52.3	2.1	2.3	2.6	2.0	2.0	2.0
Alaska	211.7	224.1	217.6	7.9	7.9	7.8	20.7	22.2	18.2
Arizona	1,105.0	1,172.0	1,187.8	14.3	12.9	12.9	82.2	93.8	96.6
Phoenix	716.7	767.7	780.5	.7	.7	.7	57.3	65.0	67.4
Tucson	203.5	213.8	216.1	3.5	2.9	2.9	16.2	19.5	20.0
Arkansas	762.5	789.0	782.7	5.2	5.7	5.6	28.9	33.9	32.9
Fayetteville-Springdale	69.8	72.6	72.2	(¹)	(¹)	(¹)	2.5	2.6	2.6
Fort Smith	70.2	71.2	71.0	1.1	1.3	1.3	2.7	2.7	2.7
Little Rock-North Little Rock	186.2	188.6	188.3	(¹)	(¹)	(¹)	8.5	9.5	9.2
Pine Bluff	30.5	30.3	30.2	(¹)	(¹)	(¹)	1.2	1.3	1.2
California	10,130.9	10,490.7	10,530.2	47.6	48.2	48.4	382.4	424.6	418.1
Anaheim-Santa Ana-Garden Grove	876.7	917.9	928.0	3.6	3.8	3.9	34.1	42.1	42.2
Bakersfield	142.7	144.0	145.0	14.5	14.8	15.0	7.0	6.5	6.5
Fresno	178.4	186.9	186.5	1.2	1.3	1.2	9.2	10.5	10.2
Los Angeles-Long Beach	3,599.0	3,717.7	3,737.1	12.6	11.9	11.9	99.8	107.8	107.0
Modesto	85.4	88.2	87.9	.1	.1	.1	4.5	5.4	5.2
Oxnard-Simi Valley-Ventura	164.6	165.9	167.1	3.3	3.3	3.3	6.1	6.4	6.4
Riverside-San Bernardino-Ontario	446.0	460.9	467.0	1.2	1.2	1.2	22.2	26.5	26.4
Sacramento	424.1	434.9	435.7	.8	.7	.7	18.2	21.1	20.2
Salinas-Seaside-Monterey	91.5	94.5	94.3	.4	.4	.4	3.1	3.3	3.3
San Diego	690.7	719.2	727.0	.5	.5	.5	34.8	40.4	40.6
San Francisco-Oakland	1,576.4	1,600.4	1,606.7	4.6	4.7	4.7	61.2	65.8	64.5
San Jose	727.8	756.7	761.0	.1	.1	.1	25.6	28.4	28.2
Santa Barbara-Santa Maria-Lompoc	125.6	128.1	128.6	1.5	1.4	1.4	4.8	5.7	5.7
Santa Rosa	99.8	102.4	103.3	.7	.6	.6	4.7	5.6	5.4
Stockton	120.5	124.7	121.6	.1	.1	.1	6.0	6.4	6.1
Vallejo-Fairfield-Napa	102.9	105.8	105.5	.4	.4	.4	4.7	5.8	5.6
Colorado	1,345.9	1,374.5	1,385.3	36.9	36.8	36.7	86.2	89.4	89.7
Denver-Boulder	870.9	887.4	892.9	25.9	24.8	24.8	50.0	51.8	52.3
Connecticut	1,475.8	1,505.0	1,515.5	1.5	1.5	1.5	57.5	61.4	61.1
Bridgeport	171.1	171.2	171.7	(¹)	(¹)	(¹)	5.2	5.3	5.3
Hartford	408.9	418.2	420.0	.2	.2	.2	12.8	13.8	13.8
New Britain	59.8	61.1	61.1	(¹)	(¹)	(¹)	2.6	2.8	2.9
New Haven-West Haven	194.8	202.8	203.4	.2	.3	.3	6.6	7.1	7.1
Stamford	113.3	115.4	115.8	.7	.6	.6	4.7	5.0	5.0
Waterbury	87.6	89.1	89.6	(¹)	(¹)	(¹)	3.1	3.3	3.3
Delaware	272.4	277.2	278.8	.1	.1	.1	17.3	17.4	17.2
Wilmington	239.3	242.3	243.8	.2	.2	.2	19.5	18.8	18.7
District of Columbia	596.7	599.0	602.3	.1	.1	.1	10.8	10.8	10.8
Washington SMSA	1,666.9	1,718.8	1,733.8	1.1	1.1	1.1	80.3	89.1	88.9
Florida	4,008.8	4,191.4	4,238.7	9.9	10.2	10.1	282.3	318.3	318.5
Daytona Beach	88.3	90.5	90.9	(¹)	(¹)	(¹)	5.0	5.8	5.8
Fort Lauderdale-Hollywood	376.3	385.1	390.1	(¹)	(¹)	(¹)	25.7	31.0	30.2
Fort Myers-Cape Coral	79.4	83.8	84.9	(¹)	(¹)	(¹)	8.7	9.9	9.7
Gainesville	73.0	74.1	74.4	(¹)	(¹)	(¹)	4.6	4.4	4.3
Jacksonville	318.3	327.7	329.8	(¹)	(¹)	(¹)	19.9	21.0	21.2
Lakeland-Winter Haven	117.1	118.4	120.2	4.6	4.6	4.6	6.4	7.0	6.9
Melbourne-Titusville-Cocoa	120.9	127.2	128.3	(¹)	(¹)	(¹)	7.6	8.0	7.9
Miami	743.7	753.6	760.1	(¹)	(¹)	(¹)	38.6	40.4	40.5
Orlando	347.7	360.1	362.1	(¹)	(¹)	(¹)	24.2	24.9	24.8
Pensacola	107.5	110.4	110.5	(¹)	(¹)	(¹)	7.8	8.4	8.3
Sarasota	82.9	82.3	83.0	(¹)	(¹)	(¹)	7.8	7.7	8.1
Tallahassee	79.2	79.8	80.3	(¹)	(¹)	(¹)	4.0	4.3	4.5
Tampa-St. Petersburg	619.9	632.5	635.1	(¹)	(¹)	(¹)	43.7	46.5	46.2
West Palm Beach-Boca Raton	242.3	252.9	259.3	(¹)	(¹)	(¹)	20.2	22.4	22.1

See footnotes at end of table.

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

B-8. Employees on nonagricultural 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. 1983	Oct. 1984	Nov. 1984 ^a	Nov. 1983	Oct. 1984	Nov. 1984 ^a	Nov. 1983	Oct. 1984	Nov. 1984 ^a
Alabama	346.3	347.1	345.3	70.9	72.0	71.8	278.0	285.8	289.2
Birmingham	48.9	50.0	50.0	29.0	29.7	29.8	81.1	81.8	82.3
Huntsville	44.4	47.0	47.3	2.8	2.7	2.7	23.8	26.9	27.1
Mobile	26.0	26.0	25.6	9.6	9.3	9.5	37.2	39.1	39.6
Montgomery	15.5	16.1	15.9	4.3	4.5	4.5	25.0	25.9	26.1
Tuscaloosa	8.0	8.2	8.3	1.6	1.6	1.6	10.4	10.7	10.8
Alaska	8.9	9.6	8.9	18.0	19.6	18.9	44.0	44.7	44.1
Arizona	161.0	173.9	174.8	57.2	60.1	60.6	265.3	280.5	285.9
Phoenix	116.1	125.6	126.5	37.0	39.2	39.7	180.1	192.2	196.4
Tucson	27.3	29.2	29.3	8.6	9.2	9.0	44.0	45.1	45.8
Arkansas	205.8	212.0	207.8	44.6	47.6	47.5	168.6	175.1	175.6
Fayetteville-Springdale	19.5	20.6	20.2	4.6	5.3	5.3	16.7	17.5	17.5
Fort Smith	23.0	23.7	23.6	3.6	3.7	3.7	15.3	15.1	15.0
Little Rock-North Little Rock	26.4	26.3	25.9	13.5	13.7	13.8	44.8	45.1	45.7
Pine Bluff	5.6	5.5	5.4	3.3	3.3	3.2	5.9	6.0	6.0
California	1,957.5	2,029.5	2,028.2	545.0	532.1	530.9	2,401.9	2,524.4	2,554.0
Anaheim-Santa Ana-Garden Grove	213.3	224.1	224.0	30.0	29.8	30.2	222.6	232.0	235.3
Bakersfield	9.6	9.4	9.4	8.1	7.9	7.9	36.5	37.1	37.4
Fresno	21.0	23.3	22.5	10.1	10.0	10.1	46.1	47.5	47.9
Los Angeles-Long Beach	862.0	885.1	891.3	198.2	193.0	192.9	830.0	868.6	875.7
Modesto	18.6	20.4	19.4	3.9	3.8	3.7	22.0	22.1	22.8
Oxnard-Simi Valley-Ventura	24.9	24.5	24.8	6.8	7.1	7.1	41.0	41.5	42.0
Riverside-San Bernardino-Ontario	57.7	58.8	58.9	25.6	25.9	26.0	114.5	118.7	121.9
Sacramento	28.7	30.1	29.6	21.3	20.7	20.3	102.0	104.4	106.3
Salinas-Seaside-Monterey	8.9	9.5	9.2	4.5	4.5	4.5	24.7	25.4	25.5
San Diego	108.7	108.9	111.9	30.0	29.4	29.4	163.5	174.5	177.4
San Francisco-Oakland	182.6	182.3	182.3	126.9	127.7	127.8	374.2	379.3	385.5
San Jose	262.8	278.2	278.7	21.2	20.4	20.5	139.0	143.2	145.6
Santa Barbara-Santa Maria-Lompoc	21.1	21.1	20.9	5.4	5.4	5.4	30.0	30.8	31.0
Santa Rosa	16.3	17.7	17.8	5.0	4.6	4.6	24.6	24.9	25.2
Stockton	19.5	21.2	20.2	8.0	8.0	7.6	28.6	29.9	29.0
Vallejo-Fairfield-Napa	9.9	10.2	9.8	4.0	4.2	4.2	23.3	24.1	24.4
Colorado	183.8	191.6	191.6	84.5	85.5	87.2	330.2	336.5	340.5
Denver-Boulder	126.2	129.7	129.6	62.1	63.3	65.1	211.6	213.7	216.1
Connecticut	408.1	416.4	417.9	63.3	65.6	66.1	320.5	326.2	330.2
Bridgeport	58.8	59.2	59.3	6.8	6.7	6.7	38.6	37.9	38.4
Hartford	87.2	88.8	89.5	14.7	14.7	14.7	86.2	86.5	87.5
New Britain	24.2	24.4	24.3	2.9	3.1	3.1	10.9	11.3	11.4
New Haven-West Haven	38.4	39.7	39.9	16.0	16.1	16.2	44.6	48.5	48.9
Stamford	30.8	31.1	31.2	4.2	4.3	4.4	25.3	25.6	25.7
Waterbury	29.3	30.1	30.3	3.3	3.4	3.4	17.2	17.4	17.7
Delaware	68.8	69.8	69.8	12.4	11.9	11.9	59.9	60.7	61.6
Wilmington	59.9	60.6	60.5	12.0	11.4	11.3	49.7	49.1	50.4
District of Columbia	14.5	14.6	14.7	26.2	25.2	25.3	59.9	60.3	61.2
Washington SMSA	67.3	70.7	71.1	78.9	80.6	81.0	321.1	330.9	339.9
Florida	482.5	507.5	509.5	232.8	231.9	233.5	1,085.6	1,131.8	1,158.0
Daytona Beach	10.4	10.9	10.9	3.2	3.2	3.3	24.5	25.0	25.0
Fort Lauderdale-Hollywood	43.1	45.3	45.2	18.3	17.3	17.7	110.8	110.6	112.8
Fort Myers-Cape Coral	4.3	4.4	4.3	4.5	4.5	4.5	23.3	24.7	25.6
Gainesville	4.6	4.9	5.0	1.7	1.6	1.6	15.2	14.9	15.1
Jacksonville	32.7	34.4	34.4	25.9	26.1	26.4	83.5	85.6	86.6
Lakeland-Winter Haven	20.6	20.6	22.1	5.3	5.3	5.3	30.5	31.0	31.4
Melbourne-Titusville-Cocoa	26.7	28.8	28.7	5.0	5.0	5.0	27.3	29.8	30.7
Miami	91.8	93.5	93.4	68.5	68.4	68.7	192.2	192.4	196.6
Orlando	41.7	43.0	43.1	16.7	16.7	16.7	95.4	99.4	100.1
Pensacola	12.7	12.9	12.7	6.1	6.1	5.8	26.4	27.7	28.2
Sarasota	6.4	6.5	6.5	3.3	3.3	3.3	25.2	24.9	25.3
Tallahassee	3.1	3.2	3.2	2.7	2.6	2.7	18.1	18.5	18.5
Tampa-St. Petersburg	79.9	81.8	81.9	34.2	33.3	33.2	167.5	169.0	171.0
West Palm Beach-Boca Raton	32.3	34.9	35.8	9.9	10.2	10.3	63.0	65.1	67.3

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P
Alabama	59.6	62.0	62.3	218.6	219.1	218.3	286.6	288.9	290.2
Birmingham	23.8	24.3	24.4	73.2	74.0	73.8	55.8	56.0	56.1
Huntsville	3.6	3.7	3.7	20.1	20.5	20.5	36.6	36.7	37.1
Mobile	7.0	7.1	7.1	31.3	31.2	31.2	25.4	26.0	26.5
Montgomery	6.3	6.4	6.4	21.7	21.7	21.7	29.7	29.5	29.6
Tuscaloosa	1.6	1.7	1.7	6.8	6.9	6.9	18.1	18.4	18.4
Alaska	10.8	11.4	11.5	37.9	42.3	41.8	63.5	66.4	66.4
Arizona	66.8	69.7	70.0	245.1	263.5	266.3	213.1	217.6	220.7
Phoenix	52.1	54.6	54.8	165.6	180.1	182.9	107.8	110.3	112.1
Tucson	9.6	9.8	9.8	47.2	49.6	50.1	47.1	48.5	49.2
Arkansas	34.2	35.7	35.6	131.8	134.2	132.5	143.4	144.8	145.2
Fayetteville-Springdale	2.5	2.5	2.5	10.3	10.3	10.3	13.7	13.8	13.8
Fort Smith	2.6	2.7	2.7	12.5	12.4	12.4	9.4	9.6	9.6
Little Rock-North Little Rock	13.6	13.7	13.8	40.4	41.2	40.8	39.0	39.1	39.1
Pine Bluff	1.4	1.5	1.5	5.8	5.5	5.6	7.3	7.2	7.3
California	662.6	682.2	682.5	2,385.7	2,497.9	2,499.7	1,748.2	1,751.8	1,768.4
Anaheim-Santa Ana-Garden Grove	64.6	67.5	67.6	202.6	215.0	217.8	105.9	103.6	107.0
Bakersfield	5.7	5.7	5.7	27.3	28.2	28.2	34.0	34.4	34.9
Fresno	12.1	12.7	12.7	38.6	40.8	40.6	40.1	40.8	41.3
Los Angeles-Long Beach	238.3	246.1	246.6	894.7	935.5	937.9	463.4	469.7	473.8
Modesto	3.7	3.7	3.7	17.4	17.6	17.6	15.2	15.1	15.4
Oxnard-Simi Valley-Ventura	10.7	10.5	10.5	34.5	34.5	34.6	37.3	38.1	38.4
Riverside-San Bernardino-Ontario	19.7	19.9	19.8	101.4	103.7	104.7	103.7	106.2	108.1
Sacramento	23.6	24.1	24.2	83.4	85.5	85.8	146.1	148.3	148.6
Salinas-Seaside-Monterey	4.5	4.5	4.5	21.2	22.2	22.1	24.2	24.7	24.8
San Diego	46.2	47.7	47.8	165.3	175.9	176.1	141.7	141.9	143.3
San Francisco-Oakland	153.1	153.7	154.0	389.9	406.0	404.4	283.9	280.9	283.5
San Jose	29.4	29.8	30.0	171.9	179.4	179.0	77.8	77.2	78.9
Santa Barbara-Santa Maria-Lompoc	6.4	6.4	6.4	31.8	32.9	33.0	24.6	24.4	24.8
Santa Rosa	6.3	6.5	6.5	21.6	22.5	22.5	20.6	20.0	20.7
Stockton	6.1	6.2	5.8	24.7	25.1	24.9	27.5	27.8	27.9
Vallejo-Fairfield-Napa	3.7	3.7	3.7	21.5	22.4	22.2	35.4	35.0	35.2
Colorado	86.2	87.8	87.6	289.3	297.0	300.4	248.7	249.8	251.5
Denver-Boulder	62.1	63.3	63.0	193.7	200.7	200.9	139.3	140.1	141.1
Connecticut	119.5	121.4	122.0	319.1	326.8	326.8	186.3	185.7	189.9
Bridgeport	8.4	8.3	8.2	37.0	37.5	37.4	16.3	16.3	16.4
Hartford	68.9	72.6	72.8	85.2	87.9	87.7	53.7	53.7	53.8
New Britain	1.9	2.0	2.0	11.1	11.4	11.3	6.2	6.1	6.1
New Haven-West Haven	11.8	12.8	12.9	52.8	54.4	53.7	24.4	23.9	24.4
Stamford	8.7	8.9	9.0	28.5	29.5	29.5	10.4	10.4	10.4
Waterbury	3.9	3.9	4.0	19.2	19.4	19.3	11.5	11.6	11.6
Delaware	15.9	16.8	16.9	54.0	56.6	56.8	44.0	43.8	44.5
Wilmington	14.6	15.4	15.5	47.8	50.3	50.6	35.6	36.4	36.7
District of Columbia	34.3	35.0	35.1	192.3	196.1	197.2	258.6	256.9	257.9
Washington SMSA	94.5	97.2	97.3	492.6	511.5	513.0	531.1	537.7	541.5
Florida	295.3	315.5	316.6	979.7	1,018.1	1,030.5	640.7	658.1	662.0
Daytona Beach	5.4	5.8	5.8	23.8	23.7	23.9	16.0	16.1	16.2
Fort Lauderdale-Hollywood	33.6	35.0	35.1	94.2	93.9	96.9	50.6	52.0	52.2
Fort Myers-Cape Coral	6.7	6.9	7.2	19.0	20.1	20.2	12.9	13.3	13.4
Gainesville	3.0	3.0	3.0	14.5	14.5	14.5	29.4	30.8	30.9
Jacksonville	29.0	29.8	29.7	74.1	77.0	77.3	53.2	53.8	54.2
Lakeland-Winter Haven	7.3	7.5	7.5	26.6	26.4	26.6	15.8	16.0	15.8
Melbourne-Titusville-Cocoa	4.4	4.6	4.7	30.4	31.1	31.4	19.5	19.9	19.9
Miami	60.9	62.3	62.4	194.3	197.8	199.5	97.4	98.8	99.0
Orlando	22.1	23.7	23.7	99.8	102.6	103.3	47.8	49.8	50.4
Pensacola	4.4	4.5	4.4	23.4	23.5	23.7	26.7	27.3	27.4
Sarasota	7.2	7.4	7.4	22.3	22.1	22.0	10.7	10.4	10.4
Tallahassee	3.8	3.7	3.7	15.4	15.3	15.3	32.1	32.2	32.4
Tampa-St. Petersburg	46.7	48.6	48.5	162.6	165.3	166.0	85.3	88.0	88.3
West Palm Beach-Boca Raton	20.3	20.9	20.9	63.6	64.9	68.3	33.0	34.5	34.6

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P
Georgia	2,331.2	2,466.5	2,481.9	7.5	8.1	8.2	118.4	141.8	143.4
Albany	44.8	45.8	46.6	(¹)	(¹)	(¹)	2.0	1.7	1.6
Athens	56.6	57.3	57.4	(¹)	(¹)	(¹)	1.9	1.8	1.6
Atlanta	1,088.5	1,156.7	1,164.8	(¹)	(¹)	(¹)	56.2	63.5	64.3
Augusta	127.0	128.1	129.0	(¹)	(¹)	(¹)	7.1	6.5	6.4
Columbus	82.8	86.0	86.7	(¹)	(¹)	(¹)	4.8	5.3	5.3
Macon	103.2	104.0	104.8	(¹)	(¹)	(¹)	4.7	4.8	4.5
Savannah	91.3	93.6	93.9	(¹)	(¹)	(¹)	5.2	5.9	5.7
Hawaii	404.4	400.9	407.0	(¹)	(¹)	(¹)	18.2	13.6	14.2
Honolulu	329.8	326.8	331.9	(¹)	(¹)	(¹)	15.1	11.1	11.9
Idaho	326.5	332.9	329.9	4.3	4.0	3.8	14.4	13.7	12.8
Boise City	80.2	84.1	83.9	(¹)	(¹)	(¹)	5.3	5.5	5.4
Illinois	4,545.3	4,618.6	4,626.0	24.3	24.9	24.6	154.8	156.2	150.2
Bloomington-Normal	50.6	52.4	52.5	(¹)	(¹)	(¹)	1.1	1.2	1.2
Champaign-Urbana-Rantoul	75.9	76.0	76.2	(¹)	(¹)	(¹)	1.6	1.7	1.6
Chicago-Gary	3,256.2	3,274.7	3,284.1	3.1	4.0	3.9	114.5	122.2	117.6
Chicago SMSA	3,041.4	3,066.7	3,076.5	3.0	3.9	3.8	104.6	111.3	107.4
Davenport-Rock Island-Moline	146.5	147.3	145.6	(¹)	(¹)	(¹)	6.0	6.0	5.9
Decatur	52.7	53.2	53.7	(¹)	(¹)	(¹)	2.3	2.3	2.2
Kankakee	31.5	31.6	31.6	(¹)	(¹)	(¹)	1.2	1.2	1.1
Peoria	129.1	133.1	132.9	(¹)	(¹)	(¹)	7.0	7.6	7.6
Rockford	107.7	115.7	115.9	(¹)	(¹)	(¹)	3.2	3.6	3.5
Springfield	88.1	88.2	88.5	(¹)	(¹)	(¹)	3.4	3.2	3.1
Indiana	2,042.0	2,097.7	2,095.2	9.5	10.1	10.0	73.0	78.9	77.6
Anderson	46.3	46.8	46.7	(¹)	(¹)	(¹)	1.0	1.2	1.1
Elkhart	80.8	87.5	86.9	(¹)	(¹)	(¹)	2.1	2.3	2.3
Evansville	124.1	126.2	(¹)	2.7	2.6	(¹)	6.5	6.6	(¹)
Fort Wayne	158.9	166.1	166.4	(¹)	(¹)	(¹)	5.7	6.5	6.3
Gary-Hammond-East Chicago	214.8	208.0	207.6	(¹)	(¹)	(¹)	9.9	10.9	10.2
Indianapolis	515.4	532.3	533.4	(¹)	(¹)	(¹)	20.7	23.0	22.7
Lafayette-West Lafayette	58.3	60.1	60.1	(¹)	(¹)	(¹)	1.4	1.6	1.6
Muncie	46.8	47.1	(¹)	(¹)	(¹)	(¹)	1.3	1.4	(¹)
South Bend	109.6	116.1	116.3	(¹)	(¹)	(¹)	4.1	4.6	4.6
Terre Haute	59.9	62.4	(¹)	1.2	1.3	(¹)	2.7	2.7	(¹)
Iowa	1,043.2	1,049.2	1,047.3	1.9	2.2	2.1	40.2	45.9	43.7
Cedar Rapids	75.7	75.1	75.4	.1	.1	.1	2.7	2.7	2.5
Des Moines	173.2	175.4	175.7	(¹)	(¹)	(¹)	6.6	7.4	7.2
Dubuque	39.2	39.5	39.4	(¹)	(¹)	(¹)	1.1	1.1	1.1
Sioux City	47.3	47.5	47.6	(¹)	(¹)	(¹)	1.9	1.8	1.7
Waterloo-Cedar Falls	57.3	54.8	54.4	(¹)	(¹)	(¹)	2.1	2.5	2.2
Kansas	929.5	951.5	955.1	17.4	17.7	17.8	40.3	43.0	42.2
Lawrence	27.7	27.8	27.8	(¹)	(¹)	(¹)	.8	.9	1.0
Topeka	83.0	85.4	86.0	.2	.3	.2	3.0	2.9	2.9
Wichita	195.9	203.8	204.9	3.2	3.0	3.1	9.0	9.7	9.8
Kentucky	1,177.3	1,209.1	1,213.4	41.4	43.4	43.4	50.5	59.0	58.9
Lexington-Fayette	150.5	152.4	151.9	(¹)	(¹)	(¹)	7.4	8.6	8.5
Louisville	369.1	376.2	374.5	(¹)	(¹)	(¹)	16.1	19.5	18.0
Owensboro	31.8	32.1	32.3	1.0	1.1	1.1	1.6	2.0	2.1
Louisiana	1,580.1	1,579.6	1,582.1	79.0	78.2	78.8	116.6	110.8	108.7
Alexandria	55.1	55.1	55.4	(¹)	(¹)	(¹)	3.6	3.4	3.3
Baton Rouge	210.1	213.7	214.4	.9	.9	1.0	20.6	21.2	21.3
Lafayette	87.2	90.3	90.5	15.6	17.1	17.1	5.2	5.0	5.3
Lake Charles	61.3	57.7	57.5	2.4	2.1	1.9	5.9	4.3	4.3
Monroe	50.5	51.0	51.1	.5	.4	.4	2.9	2.6	2.7
New Orleans	508.0	506.9	506.3	18.4	18.7	18.8	32.2	26.6	25.8
Shreveport	148.7	152.0	151.6	6.1	6.0	6.1	9.5	9.6	9.7
Maine	425.6	441.1	437.0	.2	.2	.1	18.3	19.7	19.2
Lewiston-Auburn	34.1	34.2	34.1	(¹)	(¹)	(¹)	1.4	1.5	1.4
Portland	99.0	104.2	104.4	(¹)	(¹)	(¹)	4.4	4.7	4.5
Maryland	1,730.5	1,762.7	1,774.5	1.6	1.3	1.4	100.8	110.0	110.3
Baltimore SMSA	952.7	961.4	968.4	.1	.1	.2	46.9	52.2	52.2
Baltimore City	436.9	436.2	438.2	(¹)	(¹)	(¹)	15.5	17.9	18.1

See footnotes at end of table.

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

B-8. Employees on nonagricultural 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. 1983	Oct. 1984	Nov. 1984 ^a	Nov. 1983	Oct. 1984	Nov. 1984 ^a	Nov. 1983	Oct. 1984	Nov. 1984 ^a
Georgia	522.1	538.1	536.2	150.7	156.9	157.4	565.4	617.8	628.5
Albany	10.4	11.0	11.0	2.4	2.3	2.3	10.6	11.2	11.5
Athens	14.9	15.0	15.0	1.5	1.6	1.6	11.2	11.1	11.2
Atlanta	149.9	157.8	157.5	94.1	97.3	97.6	308.8	330.3	334.9
Augusta	33.8	33.7	34.0	4.2	4.3	4.3	24.6	25.0	25.4
Columbus	21.1	21.7	21.6	3.0	3.0	3.0	17.3	18.5	19.2
Macon	16.7	16.6	16.3	4.3	4.2	4.2	22.2	22.2	23.5
Savannah	16.9	16.9	16.8	9.5	9.9	10.1	21.4	21.9	22.2
Hawaii	21.3	21.3	21.0	30.5	31.2	31.3	106.6	107.8	109.8
Honolulu	15.5	15.6	15.0	25.4	26.0	26.1	86.8	87.7	89.0
Idaho	53.9	56.9	54.7	19.6	19.5	19.4	81.1	83.7	84.3
Boise City	9.8	10.6	10.5	5.3	5.4	5.5	20.3	21.4	21.4
Illinois	965.4	989.6	984.4	265.3	273.6	273.9	1,102.8	1,128.4	1,140.1
Bloomington-Normal	5.0	5.5	5.4	3.2	3.1	3.2	12.5	13.1	13.2
Champaign-Urbana-Rantoul	6.9	6.9	6.9	2.5	2.4	2.4	18.5	18.6	18.6
Chicago-Gary	715.9	705.4	704.1	192.1	195.4	195.3	793.7	796.4	804.5
Chicago SMSA	646.7	645.9	644.9	179.4	182.1	182.0	748.0	748.8	756.2
Davenport-Rock Island-Moline	34.8	34.4	32.4	7.1	7.0	6.9	38.8	38.7	39.2
Decatur	17.8	18.3	18.4	4.2	4.0	4.0	11.3	11.7	12.1
Kankakee	5.8	6.0	6.0	1.2	1.1	1.1	7.3	7.3	7.4
Peoria	34.2	35.8	35.2	6.8	6.7	6.7	31.4	31.2	31.6
Rockford	39.5	45.1	45.4	4.3	4.3	4.3	24.6	25.0	25.1
Springfield	5.8	5.7	5.7	4.1	4.1	4.1	19.4	19.1	19.3
Indiana	594.0	608.7	605.1	102.2	104.0	104.1	462.6	478.6	481.6
Anderson	18.6	19.3	19.2	1.2	1.2	1.2	9.8	9.8	9.8
Elkhart	43.8	47.9	47.2	2.6	2.7	2.7	15.0	16.3	16.5
Evansville	33.5	33.5	(^a)	6.9	7.1	(^a)	31.2	31.9	(^a)
Fort Wayne	45.5	49.2	49.1	9.8	10.7	10.7	39.7	40.3	40.9
Gary-Hammond-East Chicago	69.2	59.5	59.2	12.7	13.3	13.3	45.7	47.6	48.3
Indianapolis	107.2	109.8	109.2	30.5	31.9	32.1	131.9	135.4	137.1
Lafayette-West Lafayette	10.8	11.5	11.5	1.7	1.8	1.8	12.0	11.9	12.2
Muncie	11.5	11.5	(^a)	1.9	1.9	(^a)	11.2	11.1	(^a)
South Bend	28.5	31.2	31.2	4.7	4.9	4.9	27.9	29.7	30.1
Terre Haute	12.4	12.7	(^a)	3.4	3.4	(^a)	15.7	16.8	(^a)
Iowa	207.3	208.3	207.7	49.7	49.6	49.5	263.2	261.4	262.0
Cedar Rapids	20.6	20.5	20.9	3.8	3.7	3.7	18.2	18.0	18.1
Des Moines	20.9	21.9	21.9	10.3	10.0	9.9	45.1	45.2	45.8
Dubuque	11.7	12.1	11.9	1.7	1.7	1.7	9.0	8.7	8.8
Sioux City	9.2	9.6	9.7	3.3	3.3	3.3	12.4	12.3	12.4
Waterloo-Cedar Falls	16.3	14.7	14.4	1.9	1.7	1.8	12.8	12.6	12.7
Kansas	170.3	179.7	178.9	62.6	64.2	64.0	227.6	229.2	232.5
Lawrence	4.1	4.0	4.0	1.3	1.3	1.3	6.0	6.2	6.1
Topeka	9.2	9.1	9.5	7.5	7.9	7.8	18.3	19.1	19.4
Wichita	51.8	56.2	56.2	10.0	10.4	10.4	46.8	48.3	49.8
Kentucky	243.4	255.5	254.4	64.6	64.7	65.2	275.8	281.0	286.4
Lexington-Fayette	28.0	29.1	29.2	7.4	7.3	7.3	34.2	34.6	34.7
Louisville	84.2	87.1	84.9	21.1	21.1	21.0	88.9	89.2	90.5
Owensboro	6.3	6.6	6.5	2.4	2.3	2.3	7.9	7.7	7.8
Louisiana	180.8	182.4	182.9	117.5	116.1	115.8	376.6	374.3	376.3
Alexandria	5.8	5.8	5.8	2.5	2.6	2.5	12.6	12.6	12.9
Baton Rouge	22.4	22.0	22.2	10.2	9.7	9.6	50.6	52.7	52.6
Lafayette	3.7	3.9	3.9	6.6	6.8	6.8	23.7	24.8	24.9
Lake Charles	9.6	9.1	9.2	4.5	4.6	4.7	14.7	13.6	13.6
Monroe	7.0	7.0	6.9	2.8	2.8	2.7	14.5	14.6	14.7
New Orleans	40.1	39.9	39.8	47.2	46.5	46.7	130.8	132.4	133.6
Shreveport	23.8	25.7	26.1	9.4	9.3	9.1	33.9	33.8	33.6
Maine	110.3	108.9	107.5	18.4	18.5	18.4	94.4	101.6	100.4
Lewiston-Auburn	11.5	10.9	10.7	1.2	1.2	1.2	8.1	8.2	8.4
Portland	16.5	17.1	16.8	5.6	5.7	5.6	27.6	29.2	29.9
Maryland	214.5	214.7	214.3	88.9	90.7	91.3	429.4	438.5	443.5
Baltimore SMSA	142.4	139.8	140.0	58.1	58.8	58.7	227.2	231.2	233.4
Baltimore City	55.9	53.2	52.7	34.8	34.9	35.2	95.2	95.5	96.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Nov. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^p
Georgia	122.4	129.6	130.5	403.8	435.9	437.5	440.8	438.3	440.3
Albany	2.0	2.1	2.1	6.2	6.2	6.3	11.1	11.4	11.4
Athens	1.7	1.8	1.8	7.3	8.0	8.1	18.2	18.1	18.1
Atlanta	76.0	78.2	78.8	236.8	259.0	260.1	166.6	170.5	171.7
Augusta	4.6	4.8	4.9	20.0	20.3	20.4	32.7	33.5	33.7
Columbus	5.4	5.8	5.8	11.7	12.0	11.9	19.5	19.7	20.0
Macon	6.3	6.4	6.4	18.3	18.7	18.7	30.7	31.2	31.3
Savannah	4.2	4.3	4.4	17.8	18.0	18.1	16.5	16.8	16.7
Hawaii	31.3	30.8	31.0	104.4	105.7	106.6	92.1	90.5	93.1
Honolulu	26.9	26.7	26.8	81.8	83.1	83.9	78.3	76.6	79.2
Idaho	23.2	23.5	23.5	60.3	61.7	61.5	69.7	69.9	69.9
Boise City	7.8	8.1	8.1	16.1	16.8	16.8	15.6	16.3	16.2
Illinois	317.8	320.0	319.6	1,014.7	1,030.6	1,032.0	700.2	695.3	701.2
Bloomington-Normal	8.6	8.8	8.7	8.8	9.3	9.3	11.4	11.4	11.5
Champaign-Urbana-Rantoul	2.4	2.5	2.5	12.3	12.5	12.5	31.7	31.4	31.7
Chicago-Gary	245.5	248.9	248.9	780.4	791.9	790.4	411.1	410.6	419.5
Chicago SMSA	237.0	240.9	240.9	742.4	753.0	751.7	380.3	380.8	389.6
Davenport-Rock Island-Moline	7.1	7.3	7.3	26.2	26.8	26.7	26.5	27.1	27.2
Decatur	2.7	2.8	2.8	9.1	9.0	9.0	5.3	5.1	5.2
Kankakee	1.5	1.5	1.5	7.2	7.1	7.1	7.3	7.4	7.4
Peoria	6.5	6.5	6.4	26.9	28.6	28.7	16.3	16.7	16.7
Rockford	4.1	4.2	4.2	19.9	21.1	21.1	12.1	12.4	12.3
Springfield	7.4	7.4	7.4	18.8	18.5	18.5	29.2	30.2	30.4
Indiana	100.9	101.9	101.8	363.0	374.1	372.9	336.7	341.4	342.0
Anderson	1.6	1.5	1.5	8.3	8.1	8.2	5.8	5.7	5.7
Elkhart	2.1	2.2	2.2	10.2	10.9	10.9	5.0	5.2	5.1
Evansville	4.5	4.6	(^q)	26.7	27.4	(^q)	12.1	12.5	(^q)
Fort Wayne	10.4	10.6	10.6	30.2	31.1	31.2	17.5	17.6	17.5
Gary-Hammond-East Chicago	8.5	8.0	8.0	38.0	38.9	38.7	30.8	29.8	29.9
Indianapolis	39.1	40.2	40.1	102.8	108.3	108.3	82.4	82.9	83.1
Lafayette-West Lafayette	2.5	2.6	2.6	9.6	9.8	9.8	20.2	20.8	20.5
Muncie	1.5	1.5	(^q)	8.5	8.7	(^q)	10.9	11.0	(^q)
South Bend	5.2	5.3	5.3	27.0	27.9	27.9	12.2	12.5	12.3
Terre Haute	2.1	2.1	(^q)	10.4	11.0	(^q)	12.0	12.4	(^q)
Iowa	59.9	61.4	61.4	210.8	210.0	208.9	210.1	210.3	212.1
Cedar Rapids	4.3	4.4	4.4	15.8	15.7	15.7	10.2	10.1	10.2
Des Moines	22.1	22.9	22.9	40.9	40.8	40.7	27.2	27.3	27.2
Dubuque	1.3	1.3	1.3	10.6	10.9	10.8	3.7	3.6	3.7
Sioux City	2.5	2.5	2.6	12.1	11.8	11.8	5.9	6.1	6.1
Waterloo-Cedar Falls	2.2	2.2	2.2	10.9	10.4	10.4	11.0	10.6	10.7
Kansas	48.9	49.8	49.8	173.9	175.9	175.6	188.5	192.0	194.3
Lawrence .....	.8	.9	.9	4.1	4.2	4.1	10.6	10.3	10.4
Topeka	5.8	5.9	5.9	17.6	18.1	18.2	21.4	22.1	22.1
Wichita	9.9	9.9	9.8	39.8	40.2	39.7	25.4	26.1	26.1
Kentucky	53.0	54.2	54.2	224.3	232.5	231.2	224.3	218.8	219.7
Lexington-Fayette	7.4	7.3	7.3	34.8	35.2	34.4	31.3	30.3	30.5
Louisville	24.5	25.4	25.4	81.0	80.5	80.8	53.2	53.6	54.0
Owensboro	1.3	1.2	1.2	6.5	6.5	6.5	4.8	4.7	4.8
Louisiana	83.2	83.4	83.5	305.8	312.7	312.1	320.6	321.7	324.0
Alexandria	2.9	2.9	2.9	11.8	11.9	12.0	15.9	15.9	16.0
Baton Rouge	12.2	12.8	12.8	38.6	40.1	40.2	54.6	54.3	54.7
Lafayette	3.8	3.8	3.8	18.0	18.6	18.4	10.6	10.3	10.3
Lake Charles	2.9	3.0	3.0	10.9	10.4	10.4	10.4	10.6	10.4
Monroe	4.1	4.1	4.1	10.0	10.5	10.4	8.7	9.0	9.2
New Orleans	31.7	31.1	30.7	122.7	126.2	125.4	84.9	85.5	85.5
Shreveport	8.2	8.1	8.0	31.3	33.0	32.5	26.5	26.5	26.5
Maine	18.0	19.1	19.2	81.5	87.7	85.6	84.5	85.4	86.6
Lewiston-Auburn	1.6	1.7	1.7	7.1	7.6	7.6	3.2	3.1	3.1
Portland	8.5	9.0	9.1	22.4	23.9	23.9	14.0	14.6	14.6
Maryland	96.5	98.1	98.3	403.8	416.7	418.4	395.0	392.7	397.0
Baltimore SMSA	59.2	59.7	60.0	215.0	218.7	220.9	203.8	200.9	203.0
Baltimore City	39.3	39.5	39.6	115.3	117.2	118.0	80.9	78.0	78.2

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P
Massachusetts	2,728.6	2,763.9	2,778.1	1.1	1.1	1.1	84.4	92.3	89.5
Boston	1,534.2	1,557.3	1,570.1	.4	.5	.5	45.9	46.0	45.1
Brockton	58.8	59.6	60.4	(¹)	(¹)	(¹)	2.3	2.8	2.9
Fall River	55.7	56.9	56.8	(¹)	(¹)	(¹)	1.6	1.9	1.7
Fitchburg-Leominster	41.4	42.9	43.2	(¹)	(¹)	(¹)	1.3	1.5	1.5
Lawrence-Haverhill	115.6	116.5	117.0	(¹)	(¹)	(¹)	3.2	3.7	3.5
Lowell	88.2	90.6	90.4	(¹)	(¹)	(¹)	2.3	2.1	2.0
New Bedford	65.9	69.0	69.4	(¹)	(¹)	(¹)	2.3	2.9	2.7
Pittsfield	52.4	53.2	53.3	.1	(¹)	(¹)	1.7	2.0	1.9
Springfield-Chicopee-Holyoke	238.0	234.9	237.7	.1	.2	.1	6.3	6.5	6.4
Worcester	159.1	159.8	160.3	.5	.6	.5	4.2	4.0	3.8
Michigan	3,263.0	3,354.9	3,347.0	8.9	8.9	8.9	93.3	105.2	103.1
Ann Arbor	141.7	142.8	143.3	(¹)	(¹)	(¹)	3.8	3.3	3.2
Battle Creek	59.6	61.5	61.4	(¹)	(¹)	(¹)	1.4	2.1	1.8
Bay City	32.2	32.8	32.7	(¹)	(¹)	(¹)	1.1	1.2	1.1
Benton Harbor	56.6	58.7	58.7	(¹)	(¹)	(¹)	2.3	2.4	2.3
Detroit	1,572.5	1,628.8	1,630.2	.8	.7	.7	41.3	50.5	50.9
Flint	183.6	188.4	189.7	(¹)	(¹)	(¹)	3.5	4.4	4.2
Grand Rapids	269.6	275.7	274.8	(¹)	(¹)	(¹)	9.9	10.8	10.4
Jackson	46.9	47.9	48.2	(¹)	(¹)	(¹)	1.2	1.3	1.2
Kalamazoo-Portage	107.4	110.0	110.0	(¹)	(¹)	(¹)	3.9	4.0	3.9
Lansing-East Lansing	196.5	199.9	201.6	(¹)	(¹)	(¹)	4.4	5.8	5.5
Muskegon-Norton Shores-Muskegon Heights	55.7	58.1	58.1	(¹)	(¹)	(¹)	2.0	2.2	2.1
Saginaw	80.3	84.9	85.1	(¹)	(¹)	(¹)	2.0	2.7	2.6
Minnesota	1,760.3	1,878.6	1,876.2	7.3	10.4	8.5	68.0	85.4	81.9
Duluth-Superior	52.8	53.7	53.2	(¹)	(¹)	(¹)	1.4	2.0	1.7
Minneapolis-St. Paul	1,102.9	1,166.4	1,169.8	(¹)	(¹)	(¹)	40.1	49.2	47.9
Rochester	52.2	51.9	53.0	(¹)	(¹)	(¹)	1.9	1.9	1.9
St. Cloud	57.3	59.8	60.0	(¹)	(¹)	(¹)	3.1	3.2	3.2
Mississippi	803.3	816.3	816.0	8.9	9.1	9.1	33.9	32.9	32.5
Jackson	147.6	150.0	150.7	1.6	1.7	1.7	6.2	7.0	7.1
Missouri	1,944.3	1,980.0	1,977.5	6.6	6.0	6.0	77.7	80.9	78.8
Kansas City	620.7	634.3	634.6	.5	.6	.6	23.9	27.7	26.8
St. Joseph	36.7	36.6	36.8	(¹)	(¹)	(¹)	1.5	1.8	1.8
St. Louis	1,002.7	1,027.1	1,030.3	3.5	3.7	3.8	46.4	53.8	52.7
Springfield	92.4	94.1	93.8	.1	.1	.1	3.3	3.7	3.6
Montana	273.3	276.7	275.4	6.4	6.5	6.5	13.5	12.3	11.3
Nebraska	620.5	639.9	640.3	1.7	1.8	1.8	22.9	23.6	23.1
Lincoln	97.7	100.2	100.6	(¹)	(¹)	(¹)	3.0	3.6	3.5
Omaha	268.5	276.2	275.8	.1	.2	.2	9.9	10.6	10.4
Nevada	417.9	424.3	425.5	6.3	6.6	6.6	21.1	20.9	20.9
Las Vegas	235.9	237.7	239.0	.3	.3	.3	12.7	12.6	12.7
Reno	115.7	118.0	118.1	.7	.8	.7	5.7	5.5	5.3
New Hampshire	418.5	441.2	440.8	.4	.4	.4	25.2	23.5	23.7
Manchester	80.2	83.9	84.5	(¹)	(¹)	(¹)	3.8	4.4	4.5
Nashua	74.0	78.2	78.6	.1	.1	.1	3.1	3.3	3.2
New Jersey	3,211.1	3,309.6	3,313.9	2.0	2.0	1.9	122.9	139.5	138.5
Atlantic City	106.3	114.8	113.7	(¹)	(¹)	(¹)	4.6	5.0	5.0
Camden	363.6	367.7	370.0	.1	.1	.1	14.1	14.9	14.6
Hackensack	414.9	424.5	424.8	(¹)	(¹)	(¹)	15.1	15.3	15.3
Jersey City	223.5	223.7	223.9	(¹)	(¹)	(¹)	5.1	5.5	5.6
Long Branch-Asbury Park	174.2	186.5	186.6	(¹)	(¹)	(¹)	7.8	9.4	9.4
New Brunswick-Perth Amboy-Sayreville	300.5	305.8	307.1	(¹)	(¹)	(¹)	10.3	11.0	11.0
Newark	974.1	998.3	1,004.0	.7	.6	.6	31.6	35.3	35.4
Paterson-Clifton-Passaic	191.9	196.9	196.1	(¹)	(¹)	(¹)	7.2	8.7	8.7
Trenton	168.2	171.5	172.5	(¹)	(¹)	(¹)	2.9	3.9	3.9
Vineland-Millville-Bridgeton	53.6	51.7	51.8	(¹)	(¹)	(¹)	1.7	1.7	1.8
New Mexico	484.9	504.9	504.2	20.9	21.6	21.9	33.4	36.9	36.1
Albuquerque	202.5	212.0	212.5	(¹)	(¹)	(¹)	13.9	16.0	15.8
Las Cruces	34.2	37.6	37.5	(¹)	(¹)	(¹)	2.2	2.9	2.9

See footnotes at end of table.

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

B-8. Employees on nonagricultural 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. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^p
Massachusetts	636.4	648.6	646.8	121.8	123.7	123.8	627.0	632.7	648.0
Boston	289.5	293.9	295.6	73.0	73.7	73.7	344.0	342.2	350.0
Brockton	11.1	10.7	10.6	4.0	4.3	4.3	16.6	17.2	17.6
Fall River	20.1	19.9	19.9	1.8	2.2	2.2	12.8	13.0	13.2
Fitchburg-Leominster	16.1	16.2	16.1	1.6	1.6	1.5	8.9	9.9	10.3
Lawrence-Haverhill	42.7	44.0	43.8	4.9	4.8	4.9	23.7	23.0	23.5
Lowell	35.6	37.3	37.2	3.1	3.3	3.2	18.1	18.2	18.5
New Bedford	24.9	26.2	26.4	2.2	2.4	2.4	13.4	14.1	14.4
Pittsfield	15.6	15.9	16.0	1.3	1.2	1.2	12.5	12.9	13.2
Springfield-Chicopee-Holyoke	56.1	55.0	55.2	9.5	9.9	9.9	51.2	50.7	51.5
Worcester	39.9	39.5	39.1	7.2	6.5	6.7	38.1	38.7	39.5
Michigan	924.6	961.4	954.5	138.3	138.3	137.6	703.1	727.4	733.0
Ann Arbor	36.0	36.1	36.3	3.1	3.2	3.3	20.9	20.5	20.7
Battle Creek	17.2	18.0	17.9	1.9	2.0	2.0	10.7	10.6	10.9
Bay City	8.3	8.0	8.0	1.5	1.5	1.5	8.5	8.6	8.6
Benton Harbor	19.1	19.3	19.4	2.3	2.4	2.4	10.7	11.4	11.3
Detroit	432.1	453.7	448.8	72.8	70.9	70.7	359.9	374.9	381.8
Flint	69.4	71.6	71.2	5.1	4.8	4.7	42.1	43.5	45.0
Grand Rapids	89.3	93.0	92.6	10.5	10.7	10.7	66.2	66.9	67.0
Jackson	11.6	12.3	12.3	5.0	4.6	4.6	9.8	9.8	10.1
Kalamazoo-Portage	31.4	32.1	32.2	3.6	3.6	3.6	22.3	23.8	23.9
Lansing-East Lansing	41.2	40.0	40.7	5.5	5.2	5.0	36.2	38.2	39.5
Muskegon-Norton Shores-Muskegon Heights	18.2	20.2	20.3	2.9	2.8	2.9	11.2	11.5	11.6
Saginaw	26.5	27.5	27.3	4.7	4.3	4.4	17.4	18.4	19.1
Minnesota	350.9	377.2	375.7	95.1	99.1	98.7	439.2	473.6	475.9
Duluth-Superior	4.6	4.6	4.7	5.6	5.3	5.6	14.5	15.0	14.9
Minneapolis-St. Paul	237.3	253.5	253.5	62.5	67.4	67.3	267.2	282.7	285.1
Rochester	10.3	10.0	11.0	2.0	2.0	2.0	10.7	10.7	10.8
St. Cloud	9.5	10.2	10.2	3.5	3.5	3.5	16.4	17.4	17.6
Mississippi	210.1	211.5	209.7	39.4	39.6	39.6	167.4	172.8	174.9
Jackson	16.3	16.5	16.6	9.7	9.8	9.8	36.3	36.5	37.1
Missouri	410.8	421.1	418.8	132.9	137.4	137.0	460.9	465.3	468.4
Kansas City	112.4	117.2	116.7	49.9	50.7	50.7	161.2	160.7	162.8
St. Joseph	8.8	8.4	8.5	2.0	1.9	1.9	8.8	8.4	8.7
St. Louis	217.3	222.6	221.9	71.2	72.6	72.6	233.5	239.3	243.9
Springfield	19.1	19.8	19.4	6.0	6.0	5.9	26.0	26.3	26.5
Montana	21.1	20.9	20.6	20.2	20.1	20.0	71.5	71.8	72.3
Nebraska	87.5	91.4	90.5	43.7	42.3	42.1	159.0	162.1	162.5
Lincoln	11.9	12.5	12.4	6.3	6.3	6.3	21.5	21.3	21.5
Omaha	35.4	36.8	36.4	22.7	22.2	22.1	68.0	68.4	68.8
Nevada	19.7	20.1	20.1	24.9	24.4	24.7	83.8	84.6	85.5
Las Vegas	7.5	7.7	7.6	14.2	13.8	14.0	48.0	47.8	48.4
Reno	7.8	7.8	7.9	8.0	7.9	8.0	25.5	26.1	26.4
New Hampshire	116.8	124.4	123.7	15.7	16.0	15.9	96.7	103.6	103.9
Manchester	16.7	17.7	17.6	5.1	5.2	5.2	21.2	22.2	22.5
Nashua	34.4	36.8	36.8	2.1	2.1	2.1	14.4	14.9	15.1
New Jersey	726.2	745.2	741.6	207.1	212.0	211.7	746.9	776.4	783.8
Atlantic City	7.8	7.9	7.8	4.7	4.6	4.6	19.5	21.0	20.5
Camden	71.0	72.3	72.8	16.1	16.4	16.5	96.9	98.7	100.1
Hackensack	102.2	103.4	102.5	21.6	21.7	21.6	127.1	131.6	133.2
Jersey City	60.8	60.0	59.6	26.3	27.0	27.3	48.6	48.4	49.0
Long Branch-Asbury Park	23.0	23.7	23.7	7.0	7.5	7.6	45.2	47.9	48.5
New Brunswick-Perth Amboy-Sayreville	81.2	82.4	82.0	24.0	24.3	24.0	72.6	74.5	75.7
Newark	224.5	227.3	228.4	79.9	82.3	82.2	199.7	205.0	206.9
Paterson-Clifton-Passaic	64.4	64.6	63.8	6.7	6.9	6.9	42.4	43.5	43.5
Trenton	31.1	32.0	31.9	5.5	5.1	5.2	27.2	28.5	29.1
Vineland-Millville-Bridgeton	17.1	15.0	14.8	2.7	2.7	2.7	9.4	9.3	9.4
New Mexico	35.3	36.2	35.9	29.4	28.9	28.8	113.9	118.9	119.8
Albuquerque	19.0	19.7	19.6	12.1	11.7	11.8	51.3	53.3	53.9
Las Cruces	3.3	4.1	3.8	1.4	1.3	1.3	6.6	7.6	7.8

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P
Massachusetts	170.3	172.8	173.5	720.2	731.4	730.0	367.4	361.3	365.4
Boston	120.2	121.8	123.0	477.5	493.5	495.7	183.7	185.7	186.5
Brockton	2.1	2.0	2.0	11.4	11.4	11.6	11.3	11.2	11.4
Fall River	2.8	2.9	2.9	10.1	10.7	10.3	6.5	6.3	6.6
Fitchburg-Leominster	1.2	1.2	1.2	6.6	6.6	6.6	5.7	5.9	6.0
Lawrence-Haverhill	4.3	4.4	4.4	20.6	20.7	20.8	16.2	15.9	16.1
Lowell	2.4	2.4	2.5	14.3	15.1	15.2	12.4	12.2	11.8
New Bedford	2.2	2.2	2.2	11.2	11.4	11.5	9.7	9.8	9.8
Pittsfield	2.3	2.3	2.3	12.0	12.1	12.0	6.9	6.7	6.6
Springfield-Chicopee-Holyoke	13.9	13.9	13.9	51.7	52.1	52.9	49.2	46.6	47.8
Worcester	9.4	9.5	9.4	36.7	37.7	37.9	23.1	23.3	23.4
Michigan	151.5	156.6	156.5	660.8	674.5	670.4	582.5	582.6	583.0
Ann Arbor	4.3	4.5	4.5	25.2	26.8	27.0	48.4	48.2	48.4
Battle Creek	4.0	4.1	4.0	12.0	12.1	12.2	12.3	12.6	12.6
Bay City	1.4	1.5	1.5	6.3	6.8	6.7	5.2	5.3	5.3
Benton Harbor	1.9	2.0	2.0	12.1	12.8	12.9	8.1	8.4	8.4
Detroit	87.6	89.8	89.8	360.4	369.0	369.0	217.6	219.1	218.5
Flint	5.9	6.0	6.1	29.2	29.9	29.3	28.4	28.2	29.0
Grand Rapids	10.9	11.0	11.0	54.2	54.9	54.6	28.7	28.4	28.5
Jackson	1.6	1.6	1.6	9.5	9.7	9.8	8.2	8.6	8.6
Kalamazoo-Portage	4.1	4.1	4.1	21.8	22.2	22.1	20.4	20.2	20.1
Lansing-East Lansing	9.7	9.8	9.8	31.1	32.7	32.4	68.4	68.3	68.7
Muskegon-Norton Shores-Muskegon Heights	1.4	1.4	1.4	10.1	10.3	10.2	9.9	9.7	9.6
Saginaw	3.7	3.5	3.5	14.6	15.8	15.7	11.4	12.6	12.5
Minnesota	102.0	106.3	106.2	400.5	427.4	426.6	297.2	299.2	302.7
Duluth-Superior	2.1	2.2	2.2	13.2	13.2	12.9	11.4	11.5	11.2
Minneapolis-St. Paul	76.3	78.7	78.5	264.4	279.1	279.5	155.1	155.9	158.0
Rochester	1.6	1.5	1.5	20.4	20.6	20.5	5.4	5.2	5.3
St. Cloud	2.0	2.1	2.1	11.3	11.9	11.8	11.5	11.5	11.6
Mississippi	34.0	34.5	34.5	126.2	128.8	128.8	183.4	187.1	187.0
Jackson	11.6	11.8	11.8	31.1	31.8	31.7	34.8	34.9	34.9
Missouri	108.7	109.4	109.2	409.8	416.8	413.2	336.9	343.1	346.1
Kansas City	47.4	48.8	49.1	136.3	139.2	138.2	89.1	89.4	89.7
St. Joseph	2.0	2.2	2.2	7.7	7.8	7.6	5.9	6.1	6.1
St. Louis	59.0	59.7	59.6	233.3	235.4	235.1	138.5	140.0	140.7
Springfield	3.8	3.9	3.9	22.3	22.3	22.2	11.8	12.0	12.2
Montana	12.9	12.9	12.8	57.1	60.1	59.4	70.6	72.1	72.5
Nebraska	41.7	43.3	43.3	126.7	132.6	132.2	137.2	142.8	144.8
Lincoln	7.0	7.4	7.4	19.3	20.0	20.2	28.7	29.1	29.3
Omaha	24.2	25.2	25.3	64.5	67.6	67.1	43.8	45.1	45.4
Nevada	19.3	19.0	19.2	183.8	188.2	188.0	59.0	60.5	60.5
Las Vegas	11.0	11.1	11.3	114.3	115.4	115.8	27.9	29.0	28.9
Reno	6.3	5.9	5.9	44.8	47.0	46.7	16.9	17.0	17.2
New Hampshire	21.9	23.5	23.6	85.6	94.2	92.2	56.2	55.6	57.4
Manchester	6.3	6.5	6.5	18.4	19.3	19.3	8.7	8.5	8.8
Nashua	2.3	2.6	2.7	12.1	12.8	12.8	5.5	5.6	5.8
New Jersey	173.6	178.1	178.9	696.6	721.2	716.3	535.9	535.2	541.2
Atlantic City	4.9	5.2	5.1	47.9	54.3	53.8	16.8	16.8	16.9
Camden	18.3	18.8	18.8	77.1	76.5	76.8	70.0	70.0	70.3
Hackensack	20.0	20.7	21.0	85.1	87.6	87.3	43.8	44.2	43.9
Jersey City	8.3	8.7	8.9	34.4	33.3	32.8	39.9	40.8	40.7
Long Branch-Asbury Park	8.2	8.4	8.4	46.0	50.9	50.5	36.9	38.7	38.5
New Brunswick-Perth Amboy-Sayreville	14.0	14.5	14.5	49.2	50.5	50.5	49.2	48.5	49.4
Newark	68.9	71.1	71.4	223.1	230.8	231.5	145.8	145.9	147.6
Paterson-Cifton-Passaic	9.3	9.0	8.9	36.2	37.7	37.6	25.7	26.5	26.7
Trenton	8.0	7.9	7.9	45.9	47.6	47.6	47.7	46.5	46.9
Vineland-Millville-Bridgeton	2.7	2.7	2.7	9.4	9.0	9.0	10.7	11.0	11.1
New Mexico	23.5	24.6	24.4	99.8	105.0	104.2	128.7	132.8	133.1
Albuquerque	12.0	12.6	12.6	50.6	53.3	53.3	43.6	45.4	45.5
Las Cruces	1.3	1.4	1.4	4.6	5.0	5.0	14.8	15.3	15.3

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P
New York	7,421.1	7,552.5	7,570.5	7.4	7.8	7.7	241.9	260.1	254.5
Albany-Schenectady-Troy	345.6	353.6	355.3	(¹)	(¹)	(¹)	12.2	13.6	13.1
Binghamton	119.2	122.1	122.4	(¹)	(¹)	(¹)	4.6	5.1	4.9
Buffalo	471.9	471.7	472.7	(¹)	(¹)	(¹)	16.0	16.4	15.8
Elmira	34.4	34.9	34.8	(¹)	(¹)	(¹)	1.1	1.3	1.2
Glens Falls	38.2	39.6	38.9	(¹)	(¹)	(¹)	1.1	1.2	1.2
Monroe County	346.6	349.2	349.0	(¹)	(¹)	(¹)	10.3	11.5	11.0
Nassau-Suffolk	996.2	1,028.9	1,031.3	(¹)	(¹)	(¹)	43.0	45.8	45.6
Newburgh-Middletown	83.8	85.0	85.1	(¹)	(¹)	(¹)	2.6	2.9	2.9
New York-Northeastern New Jersey	6,961.3	7,110.8	7,136.1	2.4	2.4	2.4	223.4	240.2	239.1
New York and Nassau-Suffolk	4,856.5	4,961.5	4,980.3	2.2	2.3	2.3	154.1	164.3	163.1
New York SMSA	3,860.3	3,932.7	3,948.9	2.0	2.1	2.1	111.1	118.5	117.5
New York City	3,391.8	3,460.9	3,473.8	1.7	1.8	1.8	88.4	95.3	94.4
Poughkeepsie	107.3	109.6	110.5	(¹)	(¹)	(¹)	3.9	4.0	4.0
Rochester	426.2	432.4	432.3	(¹)	(¹)	(¹)	12.5	14.6	14.0
Rockland County	87.5	88.4	89.2	(¹)	(¹)	(¹)	3.2	3.6	3.6
Syracuse	270.0	275.1	276.4	(¹)	(¹)	(¹)	14.3	15.2	14.9
Utica-Rome	113.5	117.0	116.9	(¹)	(¹)	(¹)	3.0	3.8	3.5
Westchester County	367.7	369.8	372.2	(¹)	(¹)	(¹)	18.8	19.0	18.8
North Carolina	2,471.1	2,523.4	2,526.1	4.4	4.5	4.6	119.5	127.5	126.7
Asheville	71.5	72.5	72.1	(¹)	(¹)	(¹)	2.9	3.0	3.0
Charlotte-Gastonia	351.1	357.6	356.9	(¹)	(¹)	(¹)	18.2	19.3	19.1
Greensboro-Winston-Salem-High Point	400.5	406.8	407.4	(¹)	(¹)	(¹)	18.2	20.1	20.1
Raleigh-Durham	301.5	313.1	316.3	(¹)	(¹)	(¹)	16.6	18.9	18.9
North Dakota	254.4	256.3	254.4	6.9	7.6	7.6	19.0	16.8	15.3
Fargo-Moorhead	64.4	65.4	65.3	(²)	(²)	(²)	3.1	3.2	3.0
Ohio	4,177.5	4,242.1	4,244.5	27.4	27.7	27.5	140.9	145.2	140.4
Akron	251.4	254.4	255.1	(³)	(³)	(³)	7.7	8.1	7.7
Canton	146.7	149.2	149.2	(³)	(³)	(³)	4.8	5.4	5.4
Cincinnati	585.5	593.5	596.2	(³)	(³)	(³)	22.1	21.7	21.2
Cleveland	835.7	836.2	837.0	(³)	(³)	(³)	26.8	25.8	25.1
Columbus	514.7	526.8	528.8	(³)	(³)	(³)	16.8	17.4	17.0
Dayton	343.9	352.5	353.3	(³)	(³)	(³)	10.1	10.4	10.2
Toledo	291.1	298.8	298.5	(³)	(³)	(³)	10.3	10.8	10.4
Youngstown-Warren	182.0	182.4	182.7	(³)	(³)	(³)	5.3	5.4	5.2
Oklahoma	1,173.8	1,186.7	1,186.8	73.5	73.6	73.8	50.2	45.2	44.4
Enid	27.2	25.9	26.0	2.1	2.0	2.0	1.4	1.1	1.1
Lawton	32.4	32.6	32.8	(¹)	(¹)	(¹)	1.4	1.1	1.0
Oklahoma City	428.8	439.2	440.4	23.0	23.6	23.6	18.4	17.9	17.6
Tulsa	303.4	309.0	309.6	22.7	22.8	22.7	14.7	14.6	14.4
Oregon	982.4	1,017.8	1,008.3	1.5	2.2	1.7	27.9	30.1	27.9
Eugene-Springfield	93.9	97.1	96.1	.2	.2	.2	2.4	3.3	2.9
Medford	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Portland	524.3	539.7	538.2	.6	.7	.7	16.1	19.4	18.8
Salem	83.7	89.0	85.9	.1	.1	.1	2.3	2.5	2.5
Pennsylvania	4,606.1	4,668.1	4,670.5	40.3	37.6	37.2	173.0	193.2	186.8
Allentown-Bethlehem-Easton	251.8	255.5	256.4	.7	.5	.5	8.3	7.8	8.0
Altoona	45.8	47.2	46.9	.1	.1	.1	1.7	1.8	1.6
Delaware Valley	1,597.7	1,621.1	1,628.1	1.0	1.1	1.1	65.2	66.8	66.8
Erie	105.0	107.7	107.4	.2	.3	.3	3.1	3.1	2.8
Harrisburg	227.2	232.2	231.8	.1	.1	.1	7.6	8.5	8.1
Johnstown	74.9	75.8	75.7	6.3	6.0	6.0	2.2	2.7	2.6
Lancaster	157.0	158.4	157.7	.4	.4	.4	6.5	6.8	6.8
Northeast Pennsylvania	234.2	238.1	237.1	.8	.8	.8	8.2	8.7	8.3
Philadelphia SMSA	1,962.1	1,989.0	1,998.0	1.1	1.2	1.2	79.2	81.7	81.4
Philadelphia City	758.6	766.4	768.5	(⁵)	(⁵)	(⁵)	19.2	20.0	19.6
Pittsburgh	864.0	857.5	861.1	6.7	5.6	5.6	40.1	44.6	44.6
Reading	141.9	144.4	145.3	.2	.2	.2	4.7	5.6	5.4
Sharon	39.6	40.7	40.1	.4	.5	.5	.9	1.0	.9
State College	48.9	50.4	50.1	.4	.3	.3	1.3	1.7	1.5
Williamsport	44.4	45.9	46.3	.2	.2	.2	1.1	1.2	1.1
York	152.4	156.0	154.6	.4	.4	.4	5.7	6.0	5.9

See footnotes at end of table.

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

B-8. Employees on nonagricultural 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. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P
New York	1,320.7	1,330.7	1,325.6	417.5	411.7	410.3	1,538.7	1,560.3	1,577.0
Albany-Schenectady-Troy	52.2	51.0	51.0	15.2	15.8	15.8	71.9	75.5	76.6
Binghamton	41.5	42.4	42.3	4.4	4.4	4.4	21.9	22.6	22.9
Buffalo	103.9	102.2	102.5	25.0	25.3	25.2	112.9	111.8	113.1
Elmira	8.1	8.1	8.0	1.4	1.4	1.4	8.8	9.2	9.2
Glens Falls	9.8	9.7	9.7	1.2	1.3	1.3	8.0	8.6	8.3
Monroe County	127.1	126.9	126.5	10.2	10.0	9.9	66.9	66.8	67.5
Nassau-Suffolk	170.3	173.1	174.5	44.8	44.3	44.5	264.9	275.7	278.5
Newburgh-Middletown	14.5	14.8	14.7	5.4	5.3	5.3	20.3	20.5	20.8
New York-Northeastern New Jersey	1,226.4	1,234.4	1,230.1	467.4	467.8	466.5	1,492.2	1,525.9	1,542.8
New York and Nassau-Suffolk	693.5	696.7	693.7	308.9	305.6	304.5	1,001.7	1,022.8	1,034.4
New York SMSA	523.2	523.6	519.2	264.1	261.3	260.0	736.8	747.1	755.9
New York City	438.4	440.3	435.8	239.5	237.5	236.4	624.3	633.5	640.6
Poughkeepsie	33.7	34.5	34.8	3.3	3.3	3.3	17.7	18.2	18.6
Rochester	147.5	148.9	148.3	12.8	12.6	12.6	85.0	85.3	86.1
Rockland County	15.7	15.7	15.8	3.6	3.6	3.6	19.6	19.8	20.2
Syracuse	56.8	58.2	58.5	14.8	15.0	15.3	59.5	60.4	60.7
Utica-Rome	26.9	28.7	28.6	4.2	4.3	4.3	23.2	23.7	23.6
Westchester County	67.8	66.3	66.3	20.4	19.6	19.4	89.6	90.2	91.7
North Carolina	808.8	809.8	807.0	121.6	123.8	123.3	522.3	540.5	543.6
Asheville	21.0	20.4	20.2	3.5	3.5	3.5	16.0	16.4	16.6
Charlotte-Gastonia	90.9	93.3	92.7	32.1	32.5	32.5	86.3	86.5	87.2
Greensboro-Winston-Salem-High Point	146.2	147.1	146.7	21.8	21.9	21.9	82.9	84.7	85.6
Raleigh-Durham	49.8	52.6	52.9	14.7	14.8	14.9	58.9	61.3	62.5
North Dakota	15.3	16.4	16.2	16.5	16.6	16.5	66.3	66.4	66.8
Fargo-Moorhead	4.7	5.1	4.9	3.8	3.7	3.7	18.8	18.9	19.1
Ohio	1,104.4	1,120.1	1,119.3	199.6	201.3	200.6	939.0	948.0	957.0
Akron	66.4	67.2	67.5	12.7	12.6	12.5	57.9	58.2	58.7
Canton	44.8	45.6	45.6	6.0	5.8	5.7	33.6	34.0	34.2
Cincinnati	144.8	145.9	146.6	31.4	31.2	31.0	141.8	142.7	144.4
Cleveland	211.6	210.4	210.5	41.4	42.1	42.2	195.0	193.0	194.5
Columbus	86.8	89.2	89.6	22.9	23.9	23.6	125.5	127.8	130.1
Dayton	89.8	92.4	92.4	12.9	13.1	13.0	73.1	73.9	75.1
Toledo	73.9	76.4	75.4	17.7	17.8	17.8	64.9	65.1	66.3
Youngstown-Warren	55.2	54.2	54.2	7.6	7.6	7.5	42.0	41.9	42.3
Oklahoma	168.4	177.9	175.8	67.1	65.7	65.0	288.2	291.7	293.9
Enid	2.5	2.0	2.0	2.8	2.6	2.6	7.6	7.5	7.6
Lawton	3.3	3.5	3.5	1.5	1.5	1.5	8.4	8.4	8.4
Oklahoma City	51.8	53.9	53.6	23.3	23.0	23.0	109.6	112.8	113.8
Tulsa	52.7	55.9	55.6	22.0	22.8	22.8	71.4	72.9	73.4
Oregon	189.4	203.6	194.8	55.7	55.1	54.6	250.8	255.4	257.2
Eugene-Springfield	18.3	19.3	18.6	4.4	4.1	4.1	23.8	24.5	24.7
Medford	8.0	8.8	8.6	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Portland	95.3	102.0	100.5	34.6	34.5	33.6	140.9	143.5	144.5
Salem	12.6	15.9	12.8	2.7	2.6	2.6	19.1	19.3	19.5
Pennsylvania	1,115.2	1,110.7	1,106.1	248.4	249.8	251.1	1,022.8	1,026.7	1,037.5
Allentown-Bethlehem-Easton	88.0	89.1	88.8	13.2	13.8	13.6	52.0	53.3	54.3
Altoona	10.9	11.2	11.3	5.1	5.1	5.1	10.7	11.4	11.4
Delaware Valley	322.2	321.7	322.7	79.2	80.8	81.4	354.2	358.8	362.9
Erie	34.4	36.7	36.6	4.3	4.2	4.2	21.8	22.5	22.6
Harrisburg	41.3	41.9	42.1	16.8	16.4	16.4	48.0	49.3	49.1
Johnstown	12.8	12.4	12.2	4.8	4.9	4.9	15.5	15.7	15.9
Lancaster	56.7	57.2	55.9	6.1	6.3	6.2	37.1	37.4	37.9
Northeast Pennsylvania	62.5	64.1	64.2	12.8	12.9	12.8	52.4	52.3	52.6
Philadelphia SMSA	393.0	394.2	395.6	95.1	97.2	97.9	453.3	457.5	463.1
Philadelphia City	111.0	108.7	109.1	48.3	48.4	48.5	147.9	148.7	150.1
Pittsburgh	165.5	151.3	152.0	53.0	53.1	53.5	208.4	207.9	210.5
Reading	52.7	53.0	53.0	5.7	5.9	5.9	29.5	30.8	31.3
Sharon	10.4	11.2	10.6	2.1	2.1	2.1	9.3	9.5	9.6
State College	7.5	7.7	7.8	1.3	1.4	1.4	9.3	9.4	9.4
Williamsport	14.6	15.6	15.7	2.1	2.0	2.0	9.5	9.7	9.9
York	57.9	59.3	58.2	7.1	7.6	7.3	35.4	36.9	37.1

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Nov. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^p
New York	691.5	706.9	707.2	1,899.7	1,966.9	1,969.2	1,303.9	1,308.0	1,319.0
Albany-Schenectady-Troy	16.9	17.2	17.2	80.7	82.7	83.4	96.4	97.8	98.3
Binghamton	3.9	3.9	4.0	21.1	21.7	21.6	21.9	22.0	22.3
Buffalo	22.7	23.5	23.4	108.4	110.5	110.1	83.0	82.0	82.6
Elmira	1.1	1.1	1.1	7.5	7.5	7.5	6.3	6.3	6.5
Glens Falls	1.9	1.9	1.9	7.6	8.4	7.9	8.5	8.4	8.6
Monroe County	15.2	15.3	15.3	77.6	79.3	79.2	39.4	39.4	39.7
Nassau-Suffolk	57.8	59.5	59.9	241.7	255.3	251.5	173.7	175.1	176.9
Newburgh-Middletown	3.2	3.2	3.3	16.9	17.5	17.3	21.0	20.7	20.8
New York-Northeastern New Jersey	701.6	717.3	718.6	1,773.0	1,831.9	1,837.2	1,074.9	1,090.9	1,099.4
New York and Nassau-Suffolk	581.1	593.5	593.9	1,344.5	1,391.3	1,397.4	770.5	785.0	791.1
New York SMSA	523.3	534.0	534.1	1,103.0	1,136.2	1,146.0	596.8	609.9	614.2
New York City	497.7	508.0	508.1	981.7	1,010.2	1,019.5	520.1	534.3	537.1
Poughkeepsie	3.1	3.4	3.3	21.8	22.2	22.3	23.8	24.1	24.2
Rochester	16.9	17.0	17.0	90.5	93.0	92.9	61.0	61.0	61.5
Rockland County	3.4	3.4	3.4	21.7	21.8	21.9	20.3	20.4	20.8
Syracuse	17.4	17.7	17.7	59.6	61.6	62.0	47.5	46.9	47.3
Utica-Rome	6.1	6.1	6.1	22.1	22.0	21.9	28.0	28.3	28.9
Westchester County	21.7	22.0	22.0	96.5	100.9	101.4	53.1	51.9	52.8
North Carolina	101.6	104.3	104.3	367.4	380.8	379.2	425.5	432.2	437.4
Asheville	2.3	2.5	2.5	14.4	15.1	14.6	11.4	11.6	11.7
Charlotte-Gastonia	23.4	23.7	23.6	62.1	62.9	62.1	38.1	39.4	39.7
Greensboro-Winston-Salem-High Point	19.0	19.1	18.9	62.8	64.0	63.9	49.6	49.9	50.3
Raleigh-Durham	16.6	17.4	17.5	64.4	67.4	67.8	80.5	80.7	81.8
North Dakota	11.9	12.1	12.1	56.1	57.3	56.6	62.4	63.1	63.3
Fargo-Moorhead	3.9	4.1	4.1	16.3	16.6	16.7	13.8	13.8	13.8
Ohio	211.5	214.8	215.0	884.2	909.6	904.6	670.6	675.5	680.2
Akron	9.5	9.6	9.6	53.7	55.5	55.1	42.9	42.5	43.3
Canton	6.5	6.8	6.8	31.0	32.2	32.1	18.7	18.0	18.1
Cincinnati	33.0	33.9	34.0	131.3	135.5	135.8	80.7	82.1	82.7
Cleveland	48.8	47.8	47.9	197.1	203.2	202.5	113.7	112.6	112.9
Columbus	44.1	45.4	45.4	114.7	118.3	118.2	103.4	104.1	104.3
Dayton	13.9	14.3	14.2	76.9	79.5	79.3	67.0	68.7	68.8
Toledo	10.7	11.1	11.0	64.7	66.9	66.6	48.5	50.3	50.5
Youngstown-Warren	7.2	7.4	7.4	39.3	40.4	40.2	24.7	25.0	25.4
Oklahoma	62.3	63.6	63.2	217.1	221.7	222.0	247.0	247.3	248.7
Enid	1.3	1.3	1.3	5.5	5.5	5.5	4.0	3.9	3.9
Lawton	1.4	1.3	1.3	5.7	5.6	5.6	10.7	11.2	11.5
Oklahoma City	27.5	27.9	27.9	80.8	85.0	85.1	94.4	95.1	95.8
Tulsa	16.6	17.0	17.0	67.5	67.5	68.2	35.8	35.5	35.5
Oregon	65.5	67.2	66.7	193.6	204.1	203.8	198.0	199.9	201.6
Eugene-Springfield	4.5	4.3	4.3	18.6	19.2	19.0	21.7	22.2	22.3
Medford	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Portland	43.5	43.5	43.6	112.3	116.0	116.0	81.0	80.1	80.5
Salem	5.2	5.3	5.2	15.2	16.1	15.9	26.5	27.2	27.3
Pennsylvania	243.7	253.8	254.7	1,081.1	1,116.6	1,113.4	681.6	679.7	683.7
Allentown-Bethlehem-Easton	9.9	10.0	10.0	51.5	53.4	53.2	28.2	27.6	28.0
Altoona	1.5	1.5	1.5	9.0	9.2	9.1	6.8	6.9	6.8
Delaware Valley	111.3	116.5	116.9	443.1	456.9	456.6	221.5	218.5	219.7
Erie	4.7	4.8	4.8	23.8	23.5	23.5	12.7	12.6	12.6
Harrisburg	13.1	14.1	14.2	44.3	45.3	44.9	56.0	56.6	56.9
Johnstown	3.9	4.1	4.1	16.8	17.3	17.4	12.6	12.7	12.6
Lancaster	5.7	5.8	5.8	29.3	29.3	29.3	15.2	15.2	15.4
Northeast Pennsylvania	9.8	10.3	10.2	51.2	53.0	52.6	36.5	36.0	35.6
Philadelphia SMSA	129.5	135.3	135.7	519.2	533.4	533.1	291.7	288.5	290.0
Philadelphia City	63.0	65.1	65.4	232.6	239.3	239.1	136.6	136.2	136.7
Pittsburgh	48.2	49.9	50.3	234.2	236.1	235.0	107.9	109.0	109.6
Reading	6.3	6.5	6.5	26.1	25.9	26.2	16.7	16.5	16.8
Sharon	1.3	1.3	1.3	10.0	10.1	10.1	5.2	5.0	5.0
State College	1.4	1.4	1.4	6.9	7.5	7.4	20.8	21.0	20.9
Williamsport	2.1	2.2	2.2	8.8	8.9	9.0	6.0	6.1	6.2
York	4.1	4.3	4.3	24.0	24.1	24.0	17.8	17.4	17.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1983	Oct. 1984	Nov. 1984 ^a	Nov. 1983	Oct. 1984	Nov. 1984 ^a	Nov. 1983	Oct. 1984	Nov. 1984 ^a
Rhode Island	401.7	408.6	409.6	0.1	0.1	0.1	12.3	13.5	13.2
Providence-Warwick-Pawtucket	403.1	410.3	411.1	.2	.2	.2	11.9	13.1	12.9
South Carolina	1,208.7	1,241.9	1,240.7	1.7	1.8	1.8	72.4	70.7	70.2
Charleston-North Charleston	156.6	161.6	162.2	(^b)	(^b)	(^b)	10.9	10.7	10.7
Columbia	192.2	197.5	198.2	(^b)	(^b)	(^b)	13.2	11.8	11.6
Greenville-Spartanburg	266.3	268.7	269.5	(^b)	(^b)	(^b)	16.6	15.7	15.8
South Dakota	237.0	241.5	241.6	2.7	2.7	2.6	9.2	9.7	9.1
Sioux Falls	58.1	60.9	60.5	(^b)	(^b)	(^b)	2.5	2.8	2.6
Tennessee	1,764.3	1,826.6	1,822.9	8.3	8.1	7.7	78.1	78.8	78.7
Chattanooga	167.7	171.8	173.0	1.2	1.2	1.2	6.4	7.1	6.9
Johnson City-Kingsport-Bristol	149.0	152.7	154.2	.3	.3	.3	7.6	8.9	9.1
Knoxville	205.4	203.5	203.9	1.4	1.3	1.3	9.6	9.3	9.3
Memphis	356.9	364.6	364.0	.1	.1	.1	14.2	14.8	14.9
Nashville-Davidson	386.0	400.2	402.0	(^b)	(^b)	(^b)	19.7	22.7	22.5
Texas	6,248.5	6,398.7	6,413.4	262.0	271.3	272.6	420.4	401.1	402.2
Abilene	58.1	58.0	57.9	4.2	4.0	3.9	3.1	3.1	3.0
Amarillo	78.6	79.6	79.7	(^b)	(^b)	(^b)	4.0	3.7	3.7
Austin	288.5	306.6	308.3	(^b)	(^b)	(^b)	17.7	21.1	21.3
Beaumont-Port Arthur-Orange	140.9	141.2	140.9	(^b)	(^b)	(^b)	10.0	9.3	9.1
Brownsville-Harlingen-San Benito	63.3	62.8	62.9	(^b)	(^b)	(^b)	3.6	3.3	3.4
Bryan-College Station	46.6	49.0	48.7	1.1	1.1	1.1	3.0	3.4	3.3
Corpus Christi	127.3	130.7	130.2	7.1	7.5	7.4	9.6	9.7	9.7
Dallas-Fort Worth	1,613.2	1,678.7	1,679.1	28.3	28.0	28.1	99.6	103.3	103.5
El Paso	164.6	169.8	169.8	(^b)	(^b)	(^b)	8.7	9.2	9.2
Galveston-Texas City	69.2	71.4	71.4	(^b)	(^b)	(^b)	4.4	4.4	4.3
Houston	1,508.6	1,530.8	1,534.8	98.1	100.8	101.4	136.8	123.4	124.9
Killeen-Temple	61.0	63.7	63.7	(^b)	(^b)	(^b)	3.6	3.8	3.8
Laredo	29.7	31.0	31.2	(^b)	(^b)	(^b)	1.3	1.1	1.1
Longview-Marshall	67.6	67.3	67.4	(^b)	(^b)	(^b)	4.7	4.8	4.7
Lubbock	91.9	93.1	93.8	(^b)	(^b)	(^b)	4.4	4.4	4.4
McAllen-Pharr-Edinburg	79.7	78.5	79.6	1.4	1.5	1.5	5.2	4.9	4.9
Midland	51.5	58.8	59.4	11.0	13.2	13.3	3.5	3.7	3.6
Odessa	56.2	60.4	60.8	9.0	8.6	8.6	4.6	4.5	4.5
San Angelo	37.5	38.4	38.5	.9	.8	.8	2.4	2.4	2.4
San Antonio	443.4	462.1	464.5	3.4	3.7	3.7	31.3	32.6	32.3
Sherman-Denison	34.8	35.0	35.0	.2	.2	.2	1.3	1.3	1.3
Texarkana	46.1	48.0	48.2	.1	.1	.1	1.9	1.8	1.8
Tyler	57.8	58.3	58.4	3.1	2.9	2.9	2.5	2.3	2.4
Waco	75.9	78.6	78.4	(^b)	(^b)	(^b)	4.0	4.2	4.1
Wichita Falls	53.5	53.9	54.0	3.3	3.2	3.2	2.2	2.0	2.1
Utah	584.7	611.6	614.7	14.4	11.9	12.5	32.3	37.0	36.3
Salt Lake City-Ogden	415.1	434.7	436.8	6.3	4.4	4.4	21.6	25.3	24.8
Vermont	207.8	214.7	212.2	.6	.6	.5	12.3	14.2	13.7
Burlington	64.1	66.8	66.8	(^b)	(^b)	(^b)	3.8	4.7	4.5
Springfield	13.0	13.7	13.5	(^b)	(^b)	(^b)	1.4	1.4	1.4
Virginia	2,242.0	2,319.7	2,324.9	18.3	17.4	16.3	120.6	134.3	132.3
Bristol	27.5	28.3	28.3	.1	.1	.1	1.1	1.4	1.4
Charlottesville	58.6	60.1	60.8	.1	.1	.1	3.0	3.1	3.0
Danville	40.7	41.2	40.9	.1	.1	.1	1.5	1.7	1.7
Lynchburg	70.3	71.7	72.2	.1	.1	.1	2.7	2.7	2.8
Newport News-Hampton	160.9	169.6	169.7	.1	.1	.1	7.6	8.7	8.8
Norfolk-Virginia Beach-Portsmouth	308.8	321.0	321.6	.1	.1	.1	20.2	22.2	21.8
Northern Virginia	516.2	547.6	552.5	.5	.6	.6	29.7	35.2	34.9
Petersburg-Colonial Heights-Hopewell	40.9	41.8	41.9	.1	.1	.1	1.9	1.9	1.8
Richmond	337.2	347.7	347.0	.3	.4	.4	16.1	18.0	17.7
Roanoke	103.7	108.1	108.7	.1	.1	.1	5.7	6.0	5.9
Washington	1,604.3	1,672.2	1,665.8	2.9	2.6	2.6	70.9	81.2	78.0
Seattle-Everett	782.8	812.9	815.1	.4	.4	.4	34.5	38.2	37.1

See footnotes at end of table.

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

B-8. Employees on nonagricultural 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. 1983	Oct. 1984	Nov. 1984 ^a	Nov. 1983	Oct. 1984	Nov. 1984 ^a	Nov. 1983	Oct. 1984	Nov. 1984 ^a
Rhode Island	119.2	120.9	121.9	13.4	13.6	13.6	84.4	85.1	85.4
Providence-Warwick-Pawtucket	128.4	130.8	131.8	13.5	13.9	13.6	84.1	84.5	84.9
South Carolina	370.3	372.8	371.8	55.2	56.7	56.5	241.7	251.4	251.5
Charleston-North Charleston	19.1	19.8	20.0	8.3	8.8	8.8	36.5	38.5	38.7
Columbia	26.2	27.2	27.2	9.3	8.7	8.8	40.0	41.5	41.7
Greenville-Spartanburg	98.6	99.4	98.9	9.8	9.6	9.7	55.0	56.3	56.9
South Dakota	27.0	28.2	28.0	12.5	12.4	12.4	61.7	63.8	63.6
Sioux Falls	8.6	9.0	9.1	4.4	4.7	4.6	15.7	16.3	16.0
Tennessee	487.8	492.5	491.4	86.0	92.8	93.9	404.1	418.5	422.1
Chattanooga	44.2	44.4	44.4	7.4	7.3	7.3	38.0	38.8	38.6
Johnson City-Kingsport-Bristol	53.4	54.3	54.2	5.8	5.6	5.5	30.5	28.7	30.1
Knoxville	49.3	50.4	50.5	7.5	7.0	7.0	47.4	48.0	48.1
Memphis	51.5	52.2	51.3	27.2	30.3	30.2	95.5	100.7	101.5
Nashville-Davidson	83.3	86.8	87.6	20.3	19.5	19.7	90.1	90.4	91.1
Texas	967.2	995.0	989.0	376.1	382.9	383.0	1,578.6	1,603.6	1,614.0
Abilene	6.4	5.9	6.0	3.2	3.1	3.1	15.1	15.2	15.2
Amarillo	9.6	9.2	9.1	6.5	6.5	6.5	23.3	24.3	24.4
Austin	34.0	36.4	36.4	8.1	8.1	8.2	65.1	69.3	70.1
Beaumont-Port Arthur-Orange	31.9	31.1	30.8	11.5	11.7	11.7	33.3	34.0	34.4
Brownsville-Harlingen-San Benito	10.9	10.3	10.2	3.2	3.3	3.2	17.4	17.3	17.6
Bryan-College Station	3.0	3.2	3.2	1.8	1.8	1.8	10.2	10.7	10.6
Corpus Christi	14.2	14.8	14.7	7.5	7.4	7.4	32.0	33.2	33.1
Dallas-Fort Worth	311.0	321.6	316.9	97.5	100.6	101.0	437.4	450.8	455.6
El Paso	36.1	39.5	39.3	9.8	9.7	9.4	39.9	41.1	41.7
Galveston-Texas City	10.5	9.9	10.0	6.1	5.7	5.9	12.6	12.4	12.4
Houston	197.2	198.3	198.0	104.7	106.3	106.4	366.1	373.6	375.0
Killeen-Temple	8.6	8.9	8.7	3.0	3.1	3.2	14.5	15.3	15.5
Laredo	1.9	1.9	1.9	3.2	3.4	3.4	8.9	9.5	9.4
Longview-Marshall	14.7	14.9	15.0	3.7	3.6	3.6	17.3	17.1	17.2
Lubbock	9.6	9.3	9.5	5.0	4.9	5.1	26.6	27.5	27.8
McAllen-Pharr-Edinburg	10.4	10.6	10.6	2.6	2.6	2.6	25.8	24.0	24.9
Midland	3.6	4.0	4.1	2.9	3.0	2.9	12.6	14.3	14.5
Odessa	6.1	5.9	5.9	2.8	2.9	3.0	16.1	19.1	19.3
San Angelo	5.6	5.5	5.6	3.7	3.7	3.7	9.0	9.8	9.9
San Antonio	49.7	51.4	51.5	18.5	19.0	18.6	113.9	121.2	123.4
Sherman-Denison	11.5	11.8	11.7	2.2	2.1	2.1	7.1	7.3	7.3
Texarkana	8.6	9.2	9.2	2.0	1.7	1.7	10.7	11.1	11.3
Tyler	11.9	12.4	12.3	2.8	2.8	2.8	14.6	14.7	14.7
Waco	15.6	16.0	15.7	3.2	3.4	3.4	19.2	20.4	20.4
Wichita Falls	9.1	9.7	9.6	2.8	2.9	2.9	13.4	13.5	13.6
Utah	89.3	96.4	96.4	36.8	36.4	36.4	137.2	145.7	147.6
Salt Lake City-Ogden	61.3	65.1	65.3	29.0	28.0	27.9	102.6	108.0	110.0
Vermont	48.1	48.6	48.6	8.9	9.2	9.2	43.8	45.2	44.8
Burlington	15.6	16.1	16.2	2.6	2.6	2.5	13.4	13.9	13.8
Springfield	3.9	4.0	4.1	.6	.7	.6	2.3	2.4	2.4
Virginia	410.9	414.6	412.0	121.5	126.9	126.8	491.2	517.3	525.4
Bristol	9.0	9.7	9.6	1.1	1.1	1.2	6.8	6.5	6.5
Charlottesville	10.2	10.2	10.3	1.8	1.8	1.9	10.0	10.0	10.3
Danville	19.5	19.0	18.4	1.0	1.1	1.0	7.4	7.6	7.8
Lynchburg	26.7	27.6	27.6	3.0	3.1	3.1	12.5	12.6	12.9
Newport News-Hampton	38.9	40.1	40.3	4.6	4.9	5.0	33.8	35.8	36.5
Norfolk-Virginia Beach-Portsmouth	26.8	27.9	28.0	19.9	20.1	19.9	77.4	80.8	81.8
Northern Virginia	25.9	28.5	29.0	36.5	37.6	37.4	118.3	124.9	127.8
Petersburg-Colonial Heights-Hopewell	7.3	7.1	7.1	1.1	1.2	1.3	8.4	8.4	8.5
Richmond	55.7	57.0	56.9	19.5	20.6	20.7	82.4	84.8	86.0
Roanoke	19.9	20.4	20.5	8.1	8.3	8.3	26.9	28.8	29.4
Washington	277.3	292.2	289.2	89.1	92.5	91.8	406.4	413.5	414.9
Seattle-Everett	148.0	155.2	156.0	53.5	54.5	54.3	198.3	201.9	204.6

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Nov. 1983	Oct. 1984	Nov. 1984 ^a	Nov. 1983	Oct. 1984	Nov. 1984 ^a	Nov. 1983	Oct. 1984	Nov. 1984 ^a
Rhode Island	21.3	21.8	21.8	93.6	96.1	96.0	57.4	57.5	57.6
Providence-Warwick-Pawtucket	20.7	21.1	21.0	90.0	92.5	92.2	54.3	54.2	54.5
South Carolina	51.6	52.7	52.8	177.8	191.3	189.3	238.0	244.5	246.8
Charleston-North Charleston	7.2	7.6	7.6	26.8	27.4	27.4	47.7	48.7	48.9
Columbia	15.0	15.0	15.2	32.2	33.3	33.0	56.0	59.7	60.4
Greenville-Spartanburg	10.8	10.9	11.0	39.0	41.0	41.1	36.3	35.5	35.8
South Dakota	12.7	12.8	13.0	53.3	54.9	54.1	58.0	57.0	58.7
Sioux Falls	4.8	5.4	5.6	15.3	15.8	15.7	6.7	6.9	6.9
Tennessee	81.0	83.1	82.1	318.4	344.6	337.1	300.7	308.2	309.9
Chattanooga	10.0	10.3	10.3	29.6	29.8	30.4	30.9	32.9	33.9
Johnson City-Kingsport-Bristol	4.7	4.8	4.8	22.2	25.1	25.1	24.5	25.0	25.1
Knoxville	8.4	8.3	8.2	37.4	36.5	36.7	44.4	42.7	42.8
Memphis	20.8	21.3	21.3	81.6	82.3	81.7	62.0	62.9	63.0
Nashville-Davidson	26.7	28.8	28.9	84.3	89.5	89.4	61.6	62.5	62.8
Texas	396.8	406.1	406.7	1,195.3	1,245.5	1,245.3	1,052.1	1,093.2	1,100.6
Abilene	3.2	3.3	3.3	13.4	13.6	13.6	9.5	9.8	9.8
Amarillo	4.3	4.6	4.6	16.5	16.7	16.8	14.4	14.6	14.6
Austin	18.3	19.5	19.5	59.2	63.7	63.9	86.1	88.5	88.9
Beaumont-Port Arthur-Orange	5.5	5.6	5.6	28.5	29.5	29.1	20.2	20.0	20.2
Brownsville-Harlingen-San Benito	3.1	3.1	3.1	11.1	11.4	11.3	14.0	14.1	14.1
Bryan-College Station	1.9	2.0	2.0	6.6	6.9	6.9	19.0	19.9	19.8
Corpus Christi	6.5	6.4	6.4	23.8	24.5	24.4	26.6	27.2	27.1
Dallas-Fort Worth	129.7	140.1	140.5	320.4	342.8	340.7	189.3	191.5	192.8
El Paso	7.8	8.0	7.9	27.7	27.9	28.0	34.6	34.4	34.3
Galveston-Texas City	4.5	4.5	4.5	11.2	12.2	12.1	19.9	22.3	22.2
Houston	104.8	110.9	111.2	318.4	332.7	332.7	182.5	184.8	185.2
Killeen-Temple	2.3	2.6	2.6	11.1	11.4	11.4	17.9	18.6	18.5
Laredo	1.4	1.5	1.6	5.8	6.4	6.5	7.2	7.2	7.3
Longview-Marshall	2.9	2.8	2.8	16.0	15.6	15.6	8.3	8.5	8.5
Lubbock	5.3	5.4	5.4	19.6	20.0	19.8	21.4	21.6	21.8
McAllen-Pharr-Edinburg	3.2	3.3	3.3	11.1	11.6	11.7	20.0	20.0	20.1
Midland	3.7	4.1	4.1	8.8	10.4	10.7	5.4	6.1	6.2
Odessa	2.2	2.3	2.4	8.3	9.6	9.5	7.1	7.5	7.6
San Angelo	1.6	1.7	1.7	7.5	7.7	7.6	6.8	6.8	6.8
San Antonio	31.8	33.4	33.4	95.1	100.1	100.2	99.7	100.7	101.4
Sherman-Denison	1.3	1.3	1.4	6.3	6.1	6.1	4.9	4.9	4.9
Texarkana	1.7	1.7	1.7	8.3	9.2	9.2	12.8	13.2	13.2
Tyler	3.2	3.2	3.2	11.6	11.9	11.9	8.1	8.1	8.2
Waco	4.6	4.7	4.7	17.5	18.1	18.2	11.8	11.8	11.9
Wichita Falls	2.5	2.5	2.5	9.3	9.4	9.4	10.9	10.7	10.7
Utah	28.9	30.3	30.5	115.0	121.8	121.6	130.6	132.1	133.5
Salt Lake City-Ogden	23.7	25.0	25.2	78.2	83.0	83.1	92.4	95.9	96.1
Vermont	9.0	9.3	9.3	47.7	50.3	48.3	37.4	37.3	37.8
Burlington	2.6	2.5	2.6	14.9	15.9	15.7	11.2	11.1	11.5
Springfield	4	4	4	2.7	3.1	2.9	1.7	1.7	1.7
Virginia	111.0	114.7	114.6	459.3	477.4	475.7	509.2	517.1	521.8
Bristol	9	9	9	3.5	3.7	3.7	5.1	4.9	5.0
Charlottesville	2.6	3.2	3.2	9.3	9.3	9.4	21.6	22.5	22.6
Danville	1.1	1.3	1.3	5.0	5.2	5.3	5.2	5.3	5.3
Lynchburg	3.2	3.2	3.2	12.6	12.7	12.7	9.6	9.7	9.9
Newport News-Hampton	4.7	5.1	5.2	32.3	35.1	33.9	38.9	39.8	40.0
Norfolk-Virginia Beach-Portsmouth	15.9	16.4	16.6	66.3	71.2	70.5	82.1	82.3	82.9
Northern Virginia	30.9	32.4	32.5	150.7	159.0	159.8	123.8	129.3	130.5
Petersburg-Colonial Heights-Hopewell	1.2	1.2	1.2	6.9	7.1	7.1	14.0	14.7	14.7
Richmond	27.5	27.9	28.0	63.3	67.5	65.3	72.3	71.4	72.2
Roanoke	6.2	6.5	6.5	21.9	23.1	23.2	14.7	14.8	14.9
Washington	93.0	94.2	94.1	328.2	348.3	347.0	336.5	347.7	348.2
Seattle-Everett	58.2	59.3	59.4	166.5	176.2	175.8	123.4	127.2	127.5

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P
West Virginia	592.3	590.9	593.9	49.6	42.6	43.0	22.9	25.2	24.4
Charleston	106.7	106.9	107.3	4.0	2.6	2.6	4.9	5.2	5.1
Huntington-Ashland	93.4	94.1	94.0	.6	.7	.7	4.4	5.6	5.5
Parkersburg-Marietta	56.7	57.5	57.6	1.2	1.2	1.2	2.5	2.8	2.8
Wheeling	58.8	57.0	56.8	3.4	2.6	2.4	2.1	2.2	2.1
Wisconsin	1,895.0	1,954.9	1,954.3	2.7	2.8	2.6	63.6	64.5	62.0
Appleton-Oshkosh	129.4	133.2	133.0	(¹)	(¹)	(¹)	5.6	6.2	6.0
Eau Claire	49.8	51.0	51.2	(¹)	(¹)	(¹)	1.4	1.4	1.3
Green Bay	81.6	84.4	83.9	(¹)	(¹)	(¹)	3.5	3.0	3.0
Janesville-Beloit	52.4	49.5	52.7	(¹)	(¹)	(¹)	1.5	1.4	1.4
Kenosha	43.5	42.8	42.6	(¹)	(¹)	(¹)	1.1	.9	1.0
La Crosse	47.0	48.4	49.0	(¹)	(¹)	(¹)	1.5	1.3	1.4
Madison	178.9	183.0	183.7	(¹)	(¹)	(¹)	6.8	6.6	6.1
Milwaukee	630.2	643.2	645.7	(¹)	(¹)	(¹)	17.1	17.8	17.8
Racine	64.1	65.5	65.3	(¹)	(¹)	(¹)	1.2	1.2	1.2
Sheboygan	41.8	44.3	43.9	(¹)	(¹)	(¹)	1.8	2.5	2.5
Wausau	42.1	42.5	42.6	(¹)	(¹)	(¹)	1.4	1.5	1.4
Wyoming	203.0	205.9	202.4	28.8	26.4	26.3	16.5	21.9	19.2
Puerto Rico	651.7	669.9	672.4	.7	.7	.7	26.6	27.2	26.0
Caguas	25.5	25.6	25.9	(²)	(²)	(²)	(²)	(²)	(²)
Mayaguez	37.3	37.3	37.6	(²)	(²)	(²)	(²)	(²)	(²)
Ponce	43.7	44.0	44.2	(²)	(²)	(²)	1.6	1.9	1.8
San Juan	335.9	345.5	347.4	(²)	(²)	(²)	18.6	20.7	20.4
Virgin Islands	35.7	33.6	34.1	(²)	(²)	(²)	2.5	2.0	2.0

See footnotes at end of table.

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

B-8. Employees on nonagricultural 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. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P
West Virginia	91.9	90.7	90.3	39.5	38.8	38.7	129.2	129.6	131.8
Charleston	13.9	13.6	13.6	9.0	9.0	8.9	27.4	27.5	27.9
Huntington-Ashland	19.5	19.6	19.4	8.1	8.1	8.1	23.4	23.1	23.5
Parkersburg-Marietta	14.8	15.2	15.1	2.1	2.1	2.1	13.4	13.5	13.6
Wheeling	8.5	8.2	8.1	3.5	3.4	3.4	14.9	14.5	14.6
Wisconsin	499.3	509.2	504.6	88.1	88.6	88.7	437.3	457.9	461.7
Appleton-Oshkosh	46.8	47.7	47.5	4.8	4.9	4.9	27.6	29.3	29.6
Eau Claire	9.0	9.1	9.1	2.7	2.7	2.7	13.8	14.7	14.7
Green Bay	21.1	22.5	21.8	5.9	6.1	6.1	22.0	23.2	23.0
Janesville-Beloit	19.2	15.8	19.0	2.2	2.1	2.1	11.9	12.6	12.7
Kenosha	18.0	17.5	17.2	1.1	1.1	1.1	7.9	8.0	8.0
La Crosse	10.2	10.7	10.6	2.1	2.2	2.2	12.7	13.0	13.3
Madison	19.1	19.9	19.9	6.0	6.1	6.0	41.3	41.6	43.3
Milwaukee	167.5	169.6	169.2	33.4	32.3	32.3	140.7	144.4	145.9
Racine	24.7	25.0	24.8	2.3	2.3	2.3	13.8	14.4	14.5
Sheboygan	17.5	19.1	18.7	1.4	1.3	1.4	7.4	7.7	7.6
Wausau	11.4	11.7	11.5	2.1	2.1	2.1	10.0	10.2	10.4
Wyoming	8.5	9.4	9.1	16.4	16.2	16.4	43.8	44.2	44.7
Puerto Rico	147.0	148.5	149.7	15.2	15.7	15.5	105.7	103.9	105.9
Caguas	8.3	8.0	8.1	(¹)	(¹)	(¹)	5.2	5.3	5.6
Mayaguez	14.2	14.0	14.1	(¹)	(¹)	(¹)	5.4	5.5	5.8
Ponce	9.5	9.3	9.5	(¹)	(¹)	(¹)	7.2	7.0	7.1
San Juan	32.5	32.4	32.9	11.8	12.0	11.9	67.7	65.8	66.9
Virgin Islands	2.5	2.4	2.4	2.2	2.2	2.2	7.2	6.6	6.8

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Nov. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^p
West Virginia	22.0	22.3	22.3	106.5	108.0	107.6	130.7	133.8	135.7
Charleston	5.2	5.6	5.6	21.5	22.0	22.0	20.7	21.4	21.7
Huntington-Ashland	3.5	3.4	3.4	15.0	15.3	15.0	18.8	18.3	18.4
Parkersburg-Marietta	2.1	2.1	2.1	10.9	10.9	11.0	9.7	9.7	9.7
Wheeling	2.7	2.6	2.6	14.5	14.4	14.4	9.3	9.2	9.3
Wisconsin	97.5	100.3	100.4	386.4	405.5	403.5	320.2	326.1	330.8
Appleton-Oshkosh	6.1	6.4	6.5	22.4	22.7	22.5	16.1	16.0	16.2
Eau Claire	1.7	1.8	1.8	10.3	10.7	10.8	10.8	10.7	10.8
Green Bay	2.6	2.7	2.6	16.6	16.5	16.6	9.9	10.3	10.7
Janesville-Beloit	1.4	1.4	1.4	9.7	9.8	9.7	6.5	6.4	6.4
Kenosha	1.0	1.0	1.0	7.9	7.8	7.6	6.4	6.5	6.7
La Crosse	1.4	1.3	1.3	12.2	12.7	12.6	6.9	7.2	7.5
Madison	13.0	13.5	13.7	35.2	37.0	36.8	57.5	58.2	57.9
Milwaukee	41.9	42.5	42.7	150.7	158.0	158.0	78.9	78.6	79.8
Racine	2.1	2.2	2.3	12.0	12.4	12.2	8.0	8.0	8.0
Sheboygan	1.8	1.8	1.8	6.5	6.7	6.6	5.3	5.2	5.2
Wausau	3.8	3.8	3.9	6.8	6.8	6.8	6.5	6.3	6.5
Wyoming	7.6	7.6	7.6	29.8	30.2	28.9	51.6	50.0	50.2
Puerto Rico	28.3	28.8	28.6	86.6	88.9	89.8	241.6	256.3	256.3
Caguas	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	8.6	8.8	8.8
Mayaguez	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	12.6	12.7	12.7
Ponce	(¹)	(¹)	(¹)	6.9	6.8	6.9	15.6	15.9	15.9
San Juan	21.7	21.8	21.7	58.8	60.5	61.0	124.7	132.1	132.4
Virgin Islands	1.4	1.3	1.4	5.9	5.5	5.6	14.0	13.6	13.7

- ¹ Combined with services.
- ² Not available.
- ³ Combined with construction.
- ^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 1983 benchmarks except Wisconsin and Idaho. Idaho data have been adjusted to March 1984 benchmarks.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

C-1. Average hours and earnings of production or nonsupervisory workers¹ on private nonagricultural 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	11.27	478.98	37.2	11.92	443.42
1984 ^p	35.3	8.33	294.05	43.3	11.58	501.41	37.8	12.03	454.73
Monthly data, not seasonally adjusted									
1983:									
December	35.5	\$8.16	\$289.68	43.4	\$11.41	\$495.19	36.8	\$12.02	\$442.34
1984:									
January	35.0	8.26	289.10	43.3	11.54	499.68	36.3	12.08	438.50
February	35.0	8.24	288.40	42.9	11.49	492.92	37.0	11.99	443.63
March	35.0	8.24	288.40	42.8	11.60	496.48	36.7	11.97	439.30
April	35.3	8.29	292.64	43.0	11.62	499.66	37.5	11.95	448.13
May	35.2	8.28	291.46	43.2	11.56	499.39	38.2	11.99	458.02
June	35.5	8.29	294.30	43.7	11.57	505.61	38.6	11.94	460.88
July	35.6	8.32	296.19	43.0	11.57	497.51	38.6	11.97	462.04
August	35.5	8.30	294.65	43.5	11.57	503.30	38.5	12.01	462.39
September	35.5	8.43	299.27	44.0	11.66	513.04	38.5	12.15	467.78
October	35.2	8.40	295.68	43.2	11.52	497.66	38.0	12.14	461.32
November ^p	35.1	8.43	295.89	43.4	11.57	502.14	37.4	12.00	448.80
December ^p	35.5	8.47	300.69	43.6	11.68	509.25	37.6	12.16	457.22

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 nonagricultural 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	(¹)	(¹)	(¹)	40.7	\$2.52	\$102.56
1965	41.2	2.61	2.50	107.53	41.3	\$3.03	\$125.14	40.8	2.61	106.49
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	2.88	116.06
1968	40.7	3.01	2.88	122.51	40.6	3.42	138.85	40.1	3.05	122.31
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	3.44	137.26
1971	39.9	3.57	3.45	142.44	40.1	4.21	168.82	39.5	3.65	144.18
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	39.3	4.08	160.34
1974	40.0	4.42	4.25	176.80	40.2	5.41	217.48	38.8	4.39	170.33
1975	39.5	4.83	4.67	190.79	39.7	5.88	233.44	38.7	4.73	183.05
1976	40.1	5.22	5.02	209.32	39.8	6.45	256.71	38.7	5.03	194.66
1977	40.3	5.68	5.44	228.90	39.9	6.99	278.90	38.8	5.39	209.13
1978	40.4	6.17	5.91	249.27	40.0	7.57	302.80	38.8	5.88	228.14
1979	40.2	6.70	6.43	269.34	39.9	8.16	325.58	38.8	6.39	247.93
1980	39.7	7.27	7.02	288.62	39.6	8.87	351.25	38.5	6.96	267.96
1981	39.8	7.99	7.72	318.00	39.4	9.70	382.18	38.5	7.56	291.06
1982	38.9	8.49	8.25	330.26	39.0	10.32	402.48	38.3	8.09	309.85
1983	40.1	8.83	8.51	354.08	39.0	10.80	421.20	38.5	8.54	328.79
1984 ^p	40.7	9.17	8.80	373.22	39.5	11.15	440.43	38.6	8.94	345.08
Monthly data, not seasonally adjusted										
1983:										
December	41.2	\$9.04	\$8.67	\$372.45	39.7	\$11.00	\$436.70	38.9	\$8.74	\$339.99
1984:										
January	40.6	9.08	8.72	368.65	39.2	11.08	434.34	38.4	8.82	338.69
February	40.7	9.06	8.70	368.74	39.0	11.01	429.39	38.2	8.79	335.78
March	40.7	9.09	8.73	369.96	39.0	11.02	429.78	38.3	8.79	336.66
April	40.9	9.11	8.75	372.60	39.3	11.07	435.05	38.5	8.89	342.27
May	40.6	9.11	8.76	369.87	39.2	11.03	432.38	38.6	8.86	342.00
June	40.8	9.14	8.77	372.91	39.8	11.07	440.59	38.7	8.90	344.43
July	40.3	9.18	8.82	369.95	40.0	11.18	447.20	38.8	8.97	348.04
August	40.4	9.14	8.77	369.26	39.7	11.17	443.45	38.8	8.95	347.26
September	40.7	9.23	8.84	375.66	39.9	11.27	449.67	38.8	9.05	351.14
October	40.5	9.22	8.85	373.41	39.2	11.22	439.82	38.7	8.99	347.91
November ^p	40.7	9.30	8.92	378.51	39.5	11.30	446.35	38.7	9.06	350.62
December ^p	41.3	9.39	9.00	387.81	39.9	11.32	451.67	39.0	9.16	357.24

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 nonagricultural 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	(²)	(²)	(²)
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	7.30	238.71
1984 ^o	30.0	5.88	176.40	36.5	7.63	278.50	32.7	7.61	248.85
Monthly data, not seasonally adjusted									
1983:									
December	30.8	\$5.78	\$178.02	36.2	\$7.43	\$268.97	32.6	\$7.47	\$243.52
1984:									
January	29.4	5.89	173.17	36.5	7.55	275.58	32.6	7.57	246.78
February	29.4	5.89	173.17	36.4	7.54	274.46	32.6	7.55	246.13
March	29.6	5.89	174.34	36.3	7.54	273.70	32.6	7.54	245.80
April	29.8	5.90	175.82	36.5	7.62	278.13	32.7	7.60	248.52
May	30.0	5.88	176.40	36.3	7.55	274.07	32.6	7.55	246.13
June	30.4	5.88	178.75	36.3	7.58	275.15	32.9	7.53	247.74
July	30.7	5.87	180.21	36.7	7.60	278.92	33.1	7.56	250.24
August	30.6	5.84	178.70	36.4	7.57	275.55	33.0	7.53	248.49
September	30.1	5.89	177.29	36.6	7.76	284.02	32.8	7.69	252.23
October	29.7	5.88	174.64	36.5	7.67	279.96	32.6	7.69	250.69
November ^p	29.7	5.93	176.12	36.4	7.73	281.37	32.6	7.74	252.32
December ^p	30.3	5.89	178.47	36.8	7.82	287.78	32.7	7.81	255.39

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.

^o = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1983 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 nonagricultural payrolls by detailed industry

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Total private		35.1	35.5	35.2	35.1	35.5	-	-	-	-	-
Mining		42.9	43.4	43.2	43.4	43.6	-	-	-	-	-
Metal mining	10	40.1	40.8	40.7	40.8	-	-	-	-	-	-
Iron ores	101	40.7	40.6	38.5	39.0	-	-	-	-	-	-
Copper ores	102	40.4	41.1	42.0	41.3	-	-	-	-	-	-
Coal mining	11,12	40.3	41.4	38.9	38.6	-	-	-	-	-	-
Bituminous coal and lignite mining	12	40.4	41.4	38.9	38.5	-	-	-	-	-	-
Oil and gas extraction	13	44.0	44.5	44.5	45.0	-	-	-	-	-	-
Crude petroleum, natural gas, and natural gas liquids	131,2	42.1	42.6	42.3	42.7	-	-	-	-	-	-
Oil and gas field services	138	44.8	45.3	45.3	45.8	-	-	-	-	-	-
Nonmetallic minerals, except fuels	14	43.9	43.8	45.3	45.2	-	-	-	-	-	-
Crushed and broken stone	142	44.1	44.2	46.7	46.2	-	-	-	-	-	-
Construction		36.3	36.8	38.0	37.4	37.6	-	-	-	-	-
General building contractors	15	35.8	36.2	37.5	36.9	-	-	-	-	-	-
Residential building construction	152	35.2	35.2	36.9	36.2	-	-	-	-	-	-
Operative builders	153	37.9	37.6	38.8	38.3	-	-	-	-	-	-
Nonresidential building construction	154	36.2	37.0	37.9	37.5	-	-	-	-	-	-
Heavy construction contractors	16	39.3	39.6	41.4	41.1	-	-	-	-	-	-
Highway and street construction	161	39.2	38.6	42.8	41.6	-	-	-	-	-	-
Heavy construction, except highway	162	39.3	40.0	40.7	40.9	-	-	-	-	-	-
Special trade contractors	17	35.4	36.1	37.0	36.4	-	-	-	-	-	-
Plumbing, heating, and air conditioning	171	37.2	38.2	38.0	37.6	-	-	-	-	-	-
Painting, paper hanging, and decorating	172	33.8	34.9	35.1	34.2	-	-	-	-	-	-
Electrical work	173	37.7	38.7	39.1	38.3	-	-	-	-	-	-
Masonry, stonework, and plastering	174	33.4	33.8	35.3	34.5	-	-	-	-	-	-
Carpentering and flooring	175	33.9	35.2	35.4	34.9	-	-	-	-	-	-
Roofing and sheet metal work	176	31.6	30.8	33.8	33.5	-	-	-	-	-	-
Manufacturing		40.8	41.2	40.5	40.7	41.3	3.4	3.6	3.4	3.5	3.6
Durable goods		41.5	42.0	41.3	41.4	42.2	3.6	3.8	3.6	3.7	3.9
Lumber and wood products	24	39.7	39.9	39.8	39.3	40.2	3.0	3.1	3.1	2.9	-
Logging camps and logging contractors	241	36.8	36.8	39.0	37.3	-	2.5	2.5	3.5	3.3	-
Sawmills and planing mills	242	40.8	41.0	40.1	39.9	-	3.7	3.9	3.5	3.4	-
Sawmills and planing mills, general	2421	40.9	41.1	40.2	40.0	-	3.8	3.9	3.7	3.5	-
Hardwood dimension and flooring	2426	40.7	40.7	40.1	39.9	-	3.6	3.6	2.5	2.7	-
Millwork, plywood, and structural members	243	40.1	40.5	40.3	40.2	-	3.0	3.3	3.1	2.9	-
Millwork	2431	40.0	40.2	40.0	39.4	-	2.3	2.5	2.4	2.0	-
Wood kitchen cabinets	2434	39.8	40.4	40.1	41.1	-	3.0	3.8	3.2	3.4	-
Hardwood veneer and plywood	2435	41.2	41.1	39.8	39.8	-	3.6	3.9	2.9	2.6	-
Softwood veneer and plywood	2436	40.1	41.3	41.3	41.1	-	3.8	3.9	4.0	3.9	-
Wood containers	244	39.1	39.2	38.4	38.0	-	2.0	2.3	2.2	1.9	-
Wood buildings and mobile homes	245	37.7	37.4	38.4	36.9	-	1.8	1.7	2.3	1.7	-
Mobile homes	2451	37.1	37.0	38.3	36.7	-	1.6	1.8	2.2	1.5	-
Miscellaneous wood products	249	40.6	40.8	40.4	39.9	-	3.0	2.7	3.0	2.9	-
Furniture and fixtures	25	40.1	41.0	40.2	40.1	40.6	2.6	3.1	2.8	2.7	-
Household furniture	251	39.3	40.4	39.7	39.5	-	2.3	2.7	2.5	2.3	-
Wood household furniture	2511	39.6	40.6	40.0	40.1	-	2.4	2.8	2.8	2.6	-
Upholstered household furniture	2512	38.6	40.0	39.7	39.1	-	1.8	2.3	2.3	2.0	-
Metal household furniture	2514	41.6	42.3	39.8	40.9	-	3.1	3.7	2.3	2.8	-
Mattresses and bedsprings	2515	37.3	38.9	38.7	36.5	-	1.6	2.3	1.8	1.1	-
Office furniture	252	42.6	43.0	42.0	42.5	-	3.4	3.9	3.9	4.0	-
Public building and related furniture	253	41.5	41.6	40.0	40.2	-	3.7	4.5	2.5	3.1	-
Partitions and fixtures	254	40.3	40.7	40.6	40.0	-	3.1	3.1	3.4	3.1	-
Miscellaneous furniture and fixtures	259	41.1	42.9	40.5	40.8	-	2.1	3.4	2.5	2.4	-
Stone, clay, and glass products	32	42.0	41.9	42.1	42.0	41.7	4.5	4.3	4.9	4.8	-
Flat glass	321	45.6	43.6	45.2	44.0	-	6.4	5.3	5.9	5.6	-
Glass and glassware, pressed or blown	322	41.1	41.4	41.1	41.0	-	4.3	4.2	4.3	4.2	-

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^P	Dec. 1984 ^P	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^P	Dec. 1984 ^P
Total private		\$8.16	\$8.16	\$8.40	\$8.43	\$8.47	\$286.42	\$289.68	\$295.68	\$295.89	\$300.69
Mining		11.40	11.41	11.52	11.57	11.68	489.06	495.19	497.66	502.14	509.25
Metal mining	10	12.64	12.75	13.23	13.22	-	506.86	520.20	538.46	539.38	-
Iron ores	101	12.04	12.34	13.00	13.13	-	490.03	501.00	500.50	512.07	-
Copper ores	102	13.19	13.27	13.72	13.71	-	532.88	545.40	576.24	566.22	-
Coal mining	11,12	14.20	14.30	14.85	15.07	-	572.26	592.02	577.67	581.70	-
Bituminous coal and lignite mining	12	14.25	14.34	14.90	15.14	-	575.70	593.68	579.61	582.89	-
Oil and gas extraction	13	10.66	10.59	10.66	10.70	-	469.04	471.26	474.37	481.50	-
Crude petroleum, natural gas, and natural gas liquids	131,2	12.46	12.52	12.72	12.84	-	524.57	533.35	538.06	548.27	-
Oil and gas field services	138	9.96	9.85	9.94	9.97	-	446.21	446.21	450.28	456.63	-
Nonmetallic minerals, except fuels	14	9.50	9.56	9.96	10.00	-	417.05	418.73	451.19	452.00	-
Crushed and broken stone	142	8.86	8.85	9.42	9.31	-	390.73	391.17	439.91	430.12	-
Construction		11.91	12.02	12.14	12.00	12.16	432.33	442.34	461.32	448.80	457.22
General building contractors	15	10.68	10.72	10.98	10.87	-	382.34	388.06	411.75	401.10	-
Residential building construction	152	9.89	9.92	10.20	10.08	-	348.13	349.18	376.38	364.90	-
Operative builders	153	9.01	9.01	9.15	9.15	-	341.48	338.78	355.02	350.45	-
Nonresidential building construction	154	11.57	11.59	11.82	11.71	-	418.83	428.83	447.98	439.13	-
Heavy construction contractors	16	11.77	11.76	11.85	11.60	-	462.56	465.70	490.59	476.76	-
Highway and street construction	161	10.44	10.10	11.11	10.64	-	409.25	389.86	475.51	442.62	-
Heavy construction, except highway	162	12.41	12.39	12.28	12.09	-	487.71	495.60	499.80	494.48	-
Special trade contractors	17	12.55	12.73	12.77	12.66	-	444.27	459.55	472.49	460.82	-
Plumbing, heating, and air conditioning	171	12.47	12.65	12.85	12.79	-	463.88	483.23	488.30	480.90	-
Painting, paper hanging, and decorating	172	11.62	11.66	11.55	11.46	-	392.76	406.93	405.41	391.93	-
Electrical work	173	13.99	14.19	14.29	14.24	-	527.42	549.15	558.74	545.39	-
Masonry, stonework, and plastering	174	12.20	12.39	12.72	12.64	-	407.48	418.78	449.02	436.08	-
Carpentering and flooring	175	11.49	11.56	11.86	11.79	-	389.51	406.91	419.84	411.47	-
Roofing and sheet metal work	176	10.95	10.96	11.23	11.05	-	346.02	337.57	379.57	370.18	-
Manufacturing		8.97	9.04	9.22	9.30	9.39	365.98	372.45	373.41	378.51	387.81
Durable goods		9.53	9.60	9.76	9.83	9.94	395.50	403.20	403.09	406.96	419.47
Lumber and wood products	24	7.79	7.80	8.06	8.01	8.04	309.26	311.22	320.79	314.79	323.21
Logging camps and logging contractors	241	10.28	10.12	11.06	10.82	-	378.30	372.42	431.34	403.59	-
Sawmills and planing mills	242	8.19	8.26	8.38	8.36	-	334.15	338.66	336.04	353.56	-
Sawmills and planing mills, general	2421	8.65	8.72	8.81	8.80	-	353.79	358.39	354.16	352.00	-
Hardwood dimension and flooring	2426	5.60	5.64	5.90	5.91	-	227.92	229.55	236.59	235.81	-
Millwork, plywood, and structural members	243	7.64	7.67	7.84	7.87	-	306.36	310.64	315.95	316.37	-
Millwork	2431	7.86	7.85	7.98	8.08	-	314.40	315.57	319.20	318.35	-
Wood kitchen cabinets	2434	6.94	7.02	7.15	7.11	-	276.21	283.61	286.72	292.22	-
Hardwood veneer and plywood	2435	6.14	6.24	6.32	6.30	-	252.97	256.46	251.54	250.74	-
Softwood veneer and plywood	2436	9.49	9.40	9.82	9.81	-	380.55	388.22	405.57	403.19	-
Wood containers	244	5.46	5.50	5.75	5.72	-	213.49	215.60	220.80	217.36	-
Wood buildings and mobile homes	245	6.80	6.87	7.12	7.08	-	256.36	256.94	273.41	261.25	-
Mobile homes	2451	6.85	6.92	7.18	7.14	-	254.14	256.04	274.99	262.04	-
Miscellaneous wood products	249	6.64	6.70	6.80	6.81	-	269.58	273.36	274.72	271.72	-
Furniture and fixtures	25	6.73	6.78	6.95	6.96	7.00	269.87	277.98	279.39	279.10	284.20
Household furniture	251	6.18	6.23	6.39	6.39	-	242.87	251.69	253.68	252.41	-
Wood household furniture	2511	5.65	5.69	5.84	5.86	-	223.74	231.01	233.60	234.99	-
Upholstered household furniture	2512	6.67	6.72	6.93	6.93	-	257.46	268.80	275.12	270.96	-
Metal household furniture	2514	6.34	6.34	6.71	6.62	-	263.74	268.18	267.06	270.76	-
Mattresses and bedsprings	2515	6.96	7.13	7.00	7.06	-	259.61	277.36	270.90	257.69	-
Office furniture	252	7.29	7.49	7.73	7.75	-	310.55	322.07	324.66	329.38	-
Public building and related furniture	253	7.36	7.42	7.50	7.44	-	305.44	308.67	300.00	299.09	-
Partitions and fixtures	254	8.28	8.25	8.22	8.29	-	333.68	335.78	333.73	331.60	-
Miscellaneous furniture and fixtures	259	7.36	7.36	7.39	7.42	-	302.50	315.74	299.30	302.74	-
Stone, clay, and glass products	32	9.41	9.41	9.63	9.66	9.68	395.22	394.28	405.42	405.72	403.66
Flat glass	321	12.93	12.98	13.04	13.30	-	589.61	565.93	589.41	585.20	-
Glass and glassware, pressed or blown	322	10.14	10.16	10.53	10.61	-	416.75	420.62	432.78	435.01	-

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Durable goods—Continued											
Stone, clay, and glass products—Continued											
Glass containers	3221	40.9	41.7	40.6	40.7	-	4.8	4.6	5.0	4.9	-
Pressed and blown glass, nec	3229	41.4	41.0	41.6	41.4	-	3.7	3.6	3.5	3.4	-
Products of purchased glass	323	41.9	42.5	41.4	41.3	-	4.6	4.4	4.0	3.7	-
Cement, hydraulic	324	43.2	42.5	40.3	40.6	-	2.9	3.0	2.6	2.8	-
Structural clay products	325	42.0	41.8	42.0	42.0	-	3.9	3.7	3.9	4.0	-
Pottery and related products	326	39.7	39.9	39.9	39.4	-	2.7	2.4	2.8	3.0	-
Concrete, gypsum, and plaster products	327	42.1	41.7	43.7	43.2	-	5.6	5.2	6.7	6.4	-
Concrete block and brick	3271	43.1	42.9	44.6	43.9	-	5.9	5.8	6.8	6.0	-
Concrete products, nec	3272	41.8	42.6	43.4	43.3	-	4.7	4.8	6.3	6.0	-
Ready-mixed concrete	3273	41.0	39.4	43.3	42.5	-	5.5	4.5	6.9	6.6	-
Misc. nonmetallic mineral products	329	42.9	43.3	41.7	42.4	-	4.0	4.1	4.2	4.1	-
Abrasive products	3291	42.4	43.6	40.4	42.1	-	3.1	3.6	2.7	3.3	-
Asbestos products	3292	44.4	43.6	42.9	43.1	-	4.3	4.4	4.4	3.6	-
Primary metal industries											
Blast furnaces and basic steel products	331	40.4	41.4	39.4	40.6	41.0	2.8	2.9	2.4	2.4	-
Blast furnaces and steel mills	3312	39.9	40.9	38.8	40.3	-	2.7	2.7	2.2	2.2	-
Steel pipe and tubes	3317	41.8	42.6	40.7	41.5	-	3.1	3.5	3.0	2.7	-
Iron and steel foundries	332	41.7	42.1	40.9	40.7	-	3.7	4.0	3.7	3.6	-
Gray iron foundries	3321	42.2	42.3	41.2	40.7	-	4.2	4.3	4.2	4.0	-
Malleable iron foundries	3322	41.5	41.3	40.3	40.0	-	3.8	3.3	2.7	2.9	-
Steel foundries, nec	3325	39.6	41.1	39.0	39.3	-	2.2	2.8	2.2	2.1	-
Primary nonferrous metals	333	42.2	42.3	42.1	42.5	-	3.4	3.2	3.3	3.6	-
Primary aluminum	3334	41.5	41.8	43.1	42.7	-	3.6	3.5	3.4	3.6	-
Nonferrous rolling and drawing	335	43.4	43.5	42.6	42.9	-	5.2	5.4	5.3	5.4	-
Copper rolling and drawing	3351	44.3	44.7	43.0	42.1	-	5.0	5.4	5.0	4.4	-
Aluminum sheet, plate, and foil	3353	44.0	43.2	41.7	42.9	-	7.0	6.2	5.3	6.4	-
Nonferrous wire drawing and insulating	3357	42.9	43.4	42.9	42.7	-	5.0	5.4	5.8	5.6	-
Nonferrous foundries	336	41.8	42.7	41.9	41.9	-	3.8	4.3	3.8	3.8	-
Aluminum foundries	3361	41.9	42.7	42.2	42.4	-	3.9	4.6	4.0	4.0	-
Fabricated metal products											
Metal cans and shipping containers	341	42.6	43.5	42.5	42.6	-	4.9	4.7	5.1	4.9	-
Metal cans	3411	42.8	43.7	42.5	42.6	-	5.1	4.7	5.2	5.0	-
Cutlery, hand tools, and hardware	342	41.5	41.9	40.4	40.4	-	3.1	3.6	3.1	2.8	-
Hand and edge tools, and hand saws and blades	3423,5	40.3	41.0	39.8	40.0	-	2.2	2.5	2.4	2.5	-
Hardware, nec	3429	41.7	42.1	40.5	40.5	-	3.7	4.3	3.3	3.0	-
Plumbing and heating, except electric	343	40.5	41.6	39.3	39.2	-	2.7	2.9	1.9	2.1	-
Plumbing fittings and brass goods	3432	40.8	42.5	38.8	38.6	-	2.8	3.7	1.4	1.8	-
Heating equipment, except electric	3433	39.7	40.8	40.2	40.3	-	2.2	2.0	2.5	2.5	-
Fabricated structural metal products											
Fabricated structural metal	344	40.9	41.4	41.2	41.1	-	3.0	3.4	3.4	3.4	-
Fabricated structural metal	3441	40.8	41.5	41.8	41.4	-	2.8	3.0	4.0	3.7	-
Metal doors, sash, and trim	3442	40.3	40.7	40.8	40.7	-	2.9	3.0	2.7	2.8	-
Fabricated plate work (boiler shops)	3443	40.3	43.0	41.6	42.6	-	3.2	4.2	3.5	3.9	-
Sheet metal work	3444	40.3	40.5	40.3	39.9	-	3.1	3.3	3.3	3.0	-
Architectural metal work	3446	41.8	41.2	40.2	40.2	-	2.3	2.5	2.5	2.6	-
Screw machine products, bolts, etc											
Screw machine products	345	42.7	43.1	42.7	42.6	-	4.3	4.6	4.8	4.8	-
Screw machine products	3451	41.1	41.7	41.9	42.2	-	3.5	4.0	4.3	4.4	-
Bolts, nuts, rivets, and washers	3452	44.2	44.6	43.6	43.1	-	5.1	5.2	5.4	5.2	-
Metal forgings and stampings											
Metal forgings and stampings	346	43.1	44.1	42.4	42.3	-	4.9	5.4	4.5	4.6	-
Iron and steel forgings	3462	41.3	42.4	42.3	41.7	-	3.7	4.7	4.2	4.1	-
Automotive stampings	3465	45.6	46.8	43.9	44.2	-	6.8	7.3	5.7	5.9	-
Metal stampings, nec	3469	41.1	41.7	41.0	40.6	-	3.3	3.8	3.6	3.4	-
Metal services, nec											
Plating and polishing	347	41.1	41.7	41.0	41.0	-	3.7	4.0	3.8	3.6	-
Plating and polishing	3471	40.8	41.5	40.4	40.7	-	3.3	3.7	3.4	3.2	-
Metal coating and allied services	3479	41.9	42.1	42.3	41.8	-	4.5	4.8	4.8	4.6	-
Ordnance and accessories, nec											
Ammunition, except for small arms, nec	348	41.4	42.1	41.3	41.2	-	2.8	3.2	3.1	3.0	-
Ammunition, except for small arms, nec	3483	41.1	41.6	39.6	39.9	-	1.9	2.0	2.0	2.2	-
Misc. fabricated metal products											
Misc. fabricated metal products	349	41.0	41.6	40.6	40.7	-	2.7	3.2	2.7	2.8	-
Valves and pipe fittings	3494	40.8	41.9	40.9	41.1	-	2.7	3.4	3.0	2.8	-
Misc. fabricated wire products	3496	40.9	41.7	40.0	40.1	-	2.6	3.3	2.5	2.6	-
Machinery, except electrical											
Engines and turbines	35	41.6	42.5	41.7	42.0	42.8	3.4	4.1	3.6	3.8	-
Engines and turbines	351	41.0	43.4	41.2	42.2	-	3.9	6.2	3.7	4.2	-
Turbines and turbine generator sets	3511	40.9	40.6	41.3	42.7	-	3.7	3.7	5.3	5.8	-
Internal combustion engines, nec	3519	41.0	44.4	41.2	42.0	-	4.0	7.0	3.2	3.7	-
Farm and garden machinery	352	40.3	40.6	39.4	39.5	-	2.1	2.4	1.8	2.0	-
Farm machinery and equipment	3523	40.4	40.7	39.7	39.2	-	2.3	2.5	1.9	1.7	-

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^P	Dec. 1984 ^P	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^P	Dec. 1984 ^P
Durable goods—Continued											
Stone, clay, and glass products—Continued											
Glass containers	3221	\$10.58	\$10.61	\$11.04	\$11.10	-	\$432.72	\$442.44	\$448.22	\$451.77	-
Pressed and blown glass, nec	3229	9.60	9.62	9.95	10.06	-	397.44	394.42	413.92	416.48	-
Products of purchased glass	323	8.54	8.40	8.17	8.14	-	357.83	357.00	338.24	336.18	-
Cement, hydraulic	324	13.59	13.33	13.52	13.77	-	587.09	566.53	544.86	559.06	-
Structural clay products	325	7.45	7.49	7.73	7.79	-	312.90	313.08	324.66	327.18	-
Pottery and related products	326	7.97	7.98	8.12	8.27	-	316.41	318.40	323.99	325.84	-
Concrete, gypsum, and plaster products	327	9.14	9.16	9.54	9.44	-	384.79	381.97	416.90	407.81	-
Concrete block and brick	3271	7.77	7.82	8.07	7.97	-	334.89	335.48	359.92	349.88	-
Concrete products, nec	3272	8.18	8.19	8.46	8.39	-	341.92	348.89	367.16	363.29	-
Ready-mixed concrete	3273	10.01	10.13	10.52	10.39	-	410.41	399.12	455.52	441.58	-
Misc. nonmetallic mineral products	329	9.26	9.30	9.62	9.71	-	397.25	402.69	401.15	411.70	-
Abrasive products	3291	8.78	8.82	9.07	9.19	-	372.27	384.55	366.43	386.90	-
Asbestos products	3292	9.27	9.56	9.72	9.75	-	411.59	416.82	416.99	420.23	-
Primary metal industries	33	11.32	11.35	11.31	11.46	\$11.54	470.91	478.97	462.58	475.59	\$485.83
Blast furnaces and basic steel products	331	12.71	12.71	12.86	13.02	13.12	513.48	526.19	506.68	528.61	537.92
Blast furnaces and steel mills	3312	13.20	13.17	13.42	13.59	-	526.68	538.65	520.70	547.68	-
Steel pipe and tubes	3317	10.40	10.54	10.50	10.51	-	434.72	449.00	427.35	436.17	-
Iron and steel foundries	332	10.01	9.97	10.19	10.32	-	417.42	419.74	416.77	420.02	-
Gray iron foundries	3321	10.26	10.22	10.51	10.68	-	432.97	432.31	433.01	434.68	-
Malleable iron foundries	3322	10.97	10.81	10.97	11.00	-	455.26	446.45	442.09	440.00	-
Steel foundries, nec	3325	9.35	9.38	9.50	9.60	-	370.26	385.52	370.50	372.28	-
Primary nonferrous metals	333	13.56	13.33	13.53	13.75	-	572.23	563.86	569.61	584.38	-
Primary aluminum	3334	14.13	13.91	13.94	14.30	-	586.40	581.44	600.81	610.61	-
Nonferrous rolling and drawing	335	10.86	11.03	10.88	11.07	-	471.32	479.81	463.49	474.90	-
Copper rolling and drawing	3351	9.77	9.88	9.92	9.91	-	432.81	441.64	426.56	417.21	-
Aluminum sheet, plate, and foil	3353	14.19	14.42	13.61	14.20	-	624.36	622.94	567.54	609.18	-
Nonferrous wire drawing and insulating	3357	10.20	10.38	10.54	10.61	-	437.58	450.49	452.17	453.05	-
Nonferrous foundries	336	8.93	9.05	9.06	9.03	-	373.27	386.44	379.61	378.36	-
Aluminum foundries	3361	9.18	9.40	9.26	9.19	-	384.64	401.38	390.77	389.66	-
Fabricated metal products	34	9.24	9.35	9.38	9.42	9.54	384.38	395.51	387.39	389.05	405.45
Metal cans and shipping containers	341	12.29	12.22	12.51	12.56	-	523.55	531.57	531.68	535.06	-
Metal cans	3411	12.90	12.86	13.25	13.29	-	552.12	561.98	563.13	566.15	-
Cutlery, hand tools, and hardware	342	9.09	9.10	9.21	9.23	-	377.24	381.29	372.08	372.89	-
Hand and edge tools, and hand saws and blades	3423,5	8.38	8.35	8.52	8.57	-	337.71	342.35	339.10	342.80	-
Hardware, nec	3429	9.45	9.47	9.54	9.51	-	394.07	398.69	386.37	385.16	-
Plumbing and heating, except electric	343	8.26	8.35	8.49	8.46	-	334.53	347.36	333.66	331.63	-
Plumbing fittings and brass goods	3432	8.04	8.15	8.13	8.14	-	328.03	346.38	315.44	314.20	-
Heating equipment, except electric	3433	8.16	8.29	8.44	8.46	-	323.95	338.23	339.29	340.94	-
Fabricated structural metal products	344	8.78	8.89	8.90	8.93	-	359.10	368.05	366.68	367.02	-
Fabricated structural metal	3441	9.22	9.29	9.48	9.30	-	376.18	385.54	396.26	385.02	-
Metal doors, sash, and trim	3442	7.01	7.10	7.20	7.30	-	282.50	288.97	293.76	297.11	-
Fabricated plate work (boiler shops)	3443	10.05	10.12	9.91	10.01	-	419.09	435.16	412.26	426.43	-
Sheet metal work	3444	8.96	9.12	9.17	9.16	-	361.09	369.36	369.55	365.48	-
Architectural metal work	3446	8.89	8.83	8.90	8.99	-	371.60	363.80	357.78	361.40	-
Screw machine products, bolts, etc	345	8.68	8.78	8.89	8.87	-	370.64	378.42	379.60	377.86	-
Screw machine products	3451	7.91	8.05	8.18	8.18	-	325.10	335.69	342.74	345.20	-
Bolts, nuts, rivets, and washers	3452	9.38	9.46	9.61	9.57	-	414.60	421.92	419.00	412.47	-
Metal forgings and stampings	346	10.67	10.89	10.86	10.99	-	459.88	480.25	460.46	464.88	-
Iron and steel forgings	3462	11.68	11.88	11.99	12.14	-	482.38	503.71	507.18	506.24	-
Automotive stampings	3465	12.50	12.78	12.74	12.90	-	570.00	598.10	559.29	570.18	-
Metal stampings, nec	3469	8.27	8.39	8.50	8.50	-	339.90	349.86	348.50	345.10	-
Metal services, nec	347	7.43	7.51	7.54	7.55	-	305.37	313.17	309.14	309.55	-
Plating and polishing	3471	7.28	7.39	7.44	7.46	-	297.02	306.69	300.58	303.62	-
Metal coating and allied services	3479	7.77	7.80	7.75	7.77	-	325.56	328.38	327.83	324.79	-
Ordnance and accessories, nec	348	9.80	9.91	10.06	10.12	-	405.72	417.21	415.48	416.94	-
Ammunition, except for small arms, nec	3483	9.27	9.32	9.64	9.68	-	381.00	387.71	381.74	386.23	-
Misc. fabricated metal products	349	8.60	8.72	8.73	8.76	-	352.60	362.75	354.44	356.53	-
Valves and pipe fittings	3494	9.22	9.30	9.40	9.43	-	376.18	389.67	384.46	387.57	-
Misc. fabricated wire products	3496	7.66	7.87	7.87	7.96	-	313.29	328.18	314.80	319.20	-
Machinery, except electrical	35	9.74	9.85	10.01	10.06	10.18	405.18	418.63	417.42	422.52	435.70
Engines and turbines	351	12.34	12.68	12.91	13.13	-	505.94	550.31	531.89	554.09	-
Turbines and turbine generator sets	3511	11.77	11.77	12.69	12.86	-	481.39	477.86	524.10	549.12	-
Internal combustion engines, nec	3519	12.54	12.96	12.99	13.22	-	514.14	575.42	535.19	555.24	-
Farm and garden machinery	352	9.63	9.63	9.87	9.70	-	388.09	390.98	388.88	383.15	-
Farm machinery and equipment	3523	10.08	10.07	10.34	10.29	-	407.23	409.85	410.50	403.37	-

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Durable goods—Continued											
Machinery, except electrical—Continued											
Construction and related machinery	353	40.5	41.9	41.7	42.1	-	2.6	3.5	3.0	3.1	-
Construction machinery	3531	40.4	41.6	41.5	41.6	-	1.8	2.8	2.5	2.6	-
Mining machinery	3532	39.5	41.1	40.5	41.1	-	1.6	2.5	2.4	2.6	-
Oil field machinery	3533	41.0	42.0	42.6	42.8	-	3.4	4.3	3.4	3.2	-
Conveyors and conveying equipment	3535	40.0	41.9	40.8	41.7	-	3.0	3.6	3.7	3.9	-
Industrial trucks and tractors	3537	39.6	42.4	41.1	42.2	-	2.8	4.1	2.9	3.5	-
Metalworking machinery	354	42.2	43.1	42.9	42.8	-	4.2	4.9	5.0	5.1	-
Machine tools, metal cutting types	3541	41.1	42.3	42.6	42.8	-	2.5	3.4	4.3	4.6	-
Machine tools, metal forming types	3542	40.2	41.2	42.6	42.8	-	4.1	4.9	4.4	4.5	-
Special dies, tools, jigs, and fixtures	3544	43.0	43.8	43.9	43.5	-	5.1	5.6	6.0	6.0	-
Machine tool accessories	3545	42.0	43.2	41.7	41.8	-	4.0	5.1	4.1	4.2	-
Power driven hand tools	3546	41.2	41.3	42.1	42.0	-	3.3	3.1	4.6	5.1	-
Special industry machinery	355	41.6	42.7	41.6	42.1	-	3.3	3.9	3.7	4.0	-
Food products machinery	3551	41.1	42.5	41.5	42.5	-	2.5	3.3	3.1	3.5	-
Textile machinery	3552	41.3	42.9	41.2	41.2	-	2.7	3.7	2.9	2.9	-
Printing trades machinery	3555	42.0	43.2	41.9	42.5	-	3.5	4.0	3.8	4.3	-
General industrial machinery	356	42.0	42.8	41.5	41.8	-	3.5	4.1	3.6	3.6	-
Pumps and pumping equipment	3561	42.0	42.4	41.1	40.9	-	3.2	3.7	3.0	3.0	-
Ball and roller bearings	3562	43.6	44.0	43.5	43.2	-	4.7	5.1	4.5	4.3	-
Air and gas compressors	3563	41.5	42.3	41.0	42.1	-	3.4	3.1	3.2	3.9	-
Blowers and fans	3564	41.1	42.1	40.3	41.4	-	2.9	3.3	3.4	3.0	-
Speed changers, drives, and gears	3566	41.0	42.1	41.3	40.7	-	3.6	5.0	4.0	3.3	-
Power transmission equipment, nec	3568	41.9	42.1	40.6	40.9	-	3.4	3.8	3.4	3.5	-
Office and computing machines	357	42.8	43.2	41.8	42.7	-	3.6	3.8	3.1	3.5	-
Electronic computing equipment	3573	43.1	43.4	41.7	42.8	-	3.8	4.0	3.1	3.6	-
Refrigeration and service machinery	358	41.1	42.3	41.3	41.0	-	3.2	3.8	3.5	3.5	-
Refrigeration and heating equipment	3585	41.1	42.3	41.5	41.0	-	3.4	4.0	3.5	3.5	-
Misc. machinery, except electrical	359	41.2	42.1	41.4	41.8	-	3.5	4.0	3.9	4.0	-
Carburetors, pistons, rings, and valves	3592	41.5	43.1	41.9	40.9	-	3.4	4.3	3.2	3.0	-
Machinery, except electrical, nec	3599	41.1	42.0	41.3	42.0	-	3.5	4.0	4.0	4.1	-
Electrical and electronic equipment	36	41.4	41.8	40.9	41.2	41.8	3.3	3.5	3.0	3.2	-
Electric distributing equipment	361	41.4	41.8	41.4	41.8	-	2.8	3.3	3.1	3.5	-
Transformers	3612	42.8	43.2	42.3	42.9	-	3.3	3.8	3.9	4.5	-
Switchgear and switchboard apparatus	3613	40.4	40.6	40.6	40.8	-	2.4	3.0	2.5	2.7	-
Electrical industrial apparatus	362	41.2	41.7	40.8	40.8	-	3.2	3.8	3.0	2.9	-
Motors and generators	3621	41.8	42.1	41.0	41.0	-	3.7	4.3	3.2	3.2	-
Industrial controls	3622	41.0	41.4	39.9	40.3	-	2.8	3.1	2.4	2.5	-
Household appliances	363	41.6	41.3	40.1	39.9	-	3.2	2.9	2.3	2.7	-
Household refrigerators and freezers	3632	43.3	42.6	40.2	38.3	-	3.8	2.5	2.1	2.3	-
Household laundry equipment	3633	41.2	40.7	39.5	39.0	-	2.3	1.6	1.4	1.0	-
Electric housewares and fans	3634	41.3	40.1	40.2	40.6	-	3.1	3.0	2.8	2.8	-
Electric lighting and wiring equipment	364	41.0	41.8	40.5	40.5	-	3.3	3.8	2.6	2.9	-
Electric lamps	3641	41.9	42.9	42.3	41.8	-	3.2	3.7	3.4	3.4	-
Current-carrying wiring devices	3643	41.0	41.9	40.3	40.1	-	3.7	4.3	2.4	2.5	-
Noncurrent-carrying wiring devices	3644	40.7	40.9	41.8	41.6	-	2.3	2.4	2.6	3.1	-
Residential lighting fixtures	3645	40.5	41.2	39.0	38.8	-	2.7	3.1	1.8	2.5	-
Radio and TV receiving equipment	365	41.3	41.5	39.7	40.1	-	3.3	3.1	2.7	3.0	-
Radio and TV receiving sets	3651	41.3	42.2	39.8	40.3	-	3.4	3.5	2.7	2.8	-
Communication equipment	366	41.2	42.0	41.5	41.9	-	2.9	3.1	3.0	3.2	-
Telephone and telegraph apparatus	3661	41.5	42.4	41.8	42.5	-	3.3	3.6	3.4	3.5	-
Radio and TV communication equipment	3662	41.1	41.8	41.3	41.6	-	2.6	2.8	2.8	3.0	-
Electronic components and accessories	367	41.4	41.6	40.8	41.2	-	3.5	3.6	3.2	3.4	-
Electronic tubes	3671-3	42.1	42.0	41.6	42.8	-	2.8	2.5	2.1	2.8	-
Semiconductors and related devices	3674	42.1	41.7	41.1	41.8	-	4.1	3.8	3.8	4.4	-
Electronic components, nec	3679	41.2	41.8	40.9	41.2	-	3.5	3.8	3.3	3.4	-
Misc. electrical equipment and supplies	369	42.4	42.5	41.7	41.7	-	4.2	4.2	3.4	3.4	-
Storage batteries	3691	44.4	42.6	43.4	43.0	-	4.8	4.2	4.2	4.1	-
Engine electrical equipment	3694	42.3	42.9	41.5	41.4	-	4.4	4.6	3.5	3.6	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Durable goods—Continued											
Machinery, except electrical—Continued											
Construction and related machinery	353	\$10.45	\$10.57	\$10.63	\$10.63	-	\$423.23	\$442.88	\$443.27	\$447.52	-
Construction machinery	3531	11.17	11.35	11.50	11.48	-	451.27	472.16	477.25	477.57	-
Mining machinery	3532	10.99	11.14	11.28	11.19	-	434.11	457.85	456.84	459.91	-
Oil field machinery	3533	10.77	10.83	10.69	10.69	-	441.57	454.86	455.39	457.53	-
Conveyors and conveying equipment	3535	8.95	9.13	9.66	9.75	-	358.00	382.55	394.13	406.58	-
Industrial trucks and tractors	3537	9.09	9.27	9.08	9.16	-	359.96	393.05	373.19	386.55	-
Metalworking machinery	354	9.94	10.02	10.19	10.25	-	419.47	431.86	437.15	438.70	-
Machine tools, metal cutting types	3541	9.94	10.01	10.35	10.41	-	408.53	423.42	440.91	445.55	-
Machine tools, metal forming types	3542	10.64	10.67	10.57	10.65	-	427.73	439.60	450.28	455.82	-
Special dies, tools, jigs, and fixtures	3544	10.58	10.65	10.86	10.89	-	454.94	466.47	476.75	473.72	-
Machine tool accessories	3545	9.09	9.17	9.23	9.25	-	381.78	396.14	384.89	386.65	-
Power driven hand tools	3546	7.81	7.91	8.07	8.28	-	321.77	326.68	339.75	347.76	-
Special industry machinery	355	9.52	9.55	9.79	9.92	-	396.03	407.79	407.26	417.63	-
Food products machinery	3551	9.95	10.04	10.20	10.35	-	408.95	426.70	423.30	439.88	-
Textile machinery	3552	7.48	7.51	7.72	7.78	-	308.92	322.18	318.06	320.54	-
Printing trades machinery	3555	9.78	9.63	9.96	10.18	-	410.76	416.02	417.32	432.65	-
General industrial machinery	356	9.58	9.65	9.82	9.90	-	402.36	413.02	407.53	413.82	-
Pumps and pumping equipment	3561	10.05	10.10	10.34	10.43	-	422.10	428.24	424.97	426.59	-
Ball and roller bearings	3562	9.63	9.71	9.99	10.05	-	419.87	427.24	434.57	434.16	-
Air and gas compressors	3563	9.77	9.91	10.01	10.20	-	405.46	419.19	410.41	429.42	-
Blowers and fans	3564	8.74	8.78	9.00	8.84	-	359.21	369.64	362.70	365.98	-
Speed changers, drives, and gears	3566	10.15	10.26	10.51	10.62	-	416.15	431.95	434.06	432.23	-
Power transmission equipment, nec	3568	9.66	9.60	9.98	10.16	-	404.75	404.16	405.19	415.54	-
Office and computing machines	357	8.74	8.80	9.09	9.05	-	374.07	380.16	379.96	386.44	-
Electronic computing equipment	3573	8.71	8.75	9.02	8.98	-	375.40	379.75	376.13	384.34	-
Refrigeration and service machinery	358	9.47	9.57	9.74	9.87	-	389.22	404.81	402.26	404.67	-
Refrigeration and heating equipment	3585	9.81	9.87	10.03	10.22	-	403.19	417.50	416.25	419.02	-
Misc. machinery, except electrical	359	9.60	9.73	9.70	9.72	-	395.52	409.63	401.58	406.30	-
Carburetors, pistons, rings, and valves	3592	11.21	11.55	11.57	11.45	-	465.22	497.81	484.78	468.31	-
Machinery, except electrical, nec	3599	9.32	9.40	9.36	9.42	-	383.05	394.80	386.57	395.64	-
Electrical and electronic equipment	36	8.77	8.84	9.09	9.16	\$9.25	363.08	369.51	371.78	377.39	\$386.65
Electric distributing equipment	361	8.49	8.51	8.83	8.82	-	351.49	355.72	365.56	368.68	-
Transformers	3612	8.52	8.54	8.87	8.83	-	364.66	368.93	375.20	378.81	-
Switchgear and switchboard apparatus	3613	8.46	8.49	8.78	8.81	-	341.78	344.69	356.47	359.45	-
Electrical industrial apparatus	362	8.94	9.07	9.27	9.27	-	368.33	378.22	378.22	378.22	-
Motors and generators	3621	8.97	9.07	9.22	9.22	-	374.95	381.85	378.02	378.02	-
Industrial controls	3622	8.69	8.94	9.09	9.10	-	356.29	370.12	362.69	366.73	-
Household appliances	363	8.75	8.74	8.86	8.82	-	364.00	360.96	355.29	351.92	-
Household refrigerators and freezers	3632	10.34	10.13	10.37	10.40	-	447.72	431.54	416.87	398.32	-
Household laundry equipment	3633	10.21	10.13	10.63	10.68	-	420.65	412.29	419.89	416.52	-
Electric housewares and fans	3634	6.78	6.79	6.79	6.86	-	280.01	272.28	272.96	278.52	-
Electric lighting and wiring equipment	364	8.23	8.28	8.44	8.54	-	337.43	346.10	341.82	345.87	-
Electric lamps	3641	9.41	9.39	9.77	9.83	-	394.28	402.83	413.27	410.89	-
Current-carrying wiring devices	3643	7.71	7.78	7.77	7.82	-	316.11	325.98	313.13	313.58	-
Noncurrent-carrying wiring devices	3644	8.53	8.51	8.84	8.98	-	347.17	348.06	369.51	373.57	-
Residential lighting fixtures	3645	6.35	6.43	6.57	6.60	-	257.18	264.92	256.23	256.08	-
Radio and TV receiving equipment	365	8.48	8.71	8.78	8.98	-	350.22	361.47	348.57	360.10	-
Radio and TV receiving sets	3651	8.82	9.00	9.11	9.27	-	364.27	379.80	362.58	373.58	-
Communication equipment	366	10.38	10.48	11.00	11.05	-	427.66	440.16	456.50	463.00	-
Telephone and telegraph apparatus	3661	10.27	10.53	10.88	10.87	-	426.21	446.47	454.78	461.98	-
Radio and TV communication equipment	3662	10.44	10.46	11.06	11.14	-	429.08	437.23	456.78	463.42	-
Electronic components and accessories	367	7.58	7.66	7.88	7.96	-	313.81	318.66	321.50	327.95	-
Electronic tubes	3671-3	9.79	9.91	10.04	10.10	-	412.16	416.22	417.66	432.28	-
Semiconductors and related devices	3674	8.79	8.91	9.30	9.37	-	370.06	371.55	382.23	391.67	-
Electronic components, nec	3679	7.00	7.09	7.22	7.27	-	288.40	296.36	295.30	299.52	-
Misc. electrical equipment and supplies	369	9.64	9.67	9.90	10.04	-	408.74	410.98	412.83	418.67	-
Storage batteries	3691	10.40	10.18	10.68	10.82	-	461.76	433.67	463.51	465.26	-
Engine electrical equipment	3694	10.08	10.21	10.34	10.56	-	426.38	438.01	429.11	437.18	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Durable goods—Continued											
Transportation equipment	37	42.9	43.3	42.4	42.7	43.7	4.8	4.8	4.7	5.1	-
Motor vehicles and equipment	371	44.1	44.6	43.3	43.3	44.6	6.0	5.7	5.5	5.8	-
Motor vehicles and car bodies	3711	44.3	44.6	43.7	43.9	-	6.7	5.9	6.2	7.0	-
Truck and bus bodies	3713	40.3	40.2	40.1	41.5	-	2.6	2.5	2.7	3.7	-
Motor vehicle parts and accessories	3714	44.6	45.3	43.6	43.2	-	6.0	6.0	5.5	5.3	-
Truck trailers	3715	41.4	42.7	40.5	40.1	-	3.4	4.4	2.8	2.4	-
Aircraft and parts	372	41.8	42.5	42.3	43.0	-	3.6	4.2	4.7	5.3	-
Aircraft	3721	-	-	-	-	-	-	-	-	-	-
Aircraft engines and engine parts	3724	42.3	42.8	42.2	43.1	-	4.8	5.6	5.6	6.5	-
Aircraft equipment, nec	3728	42.6	43.4	43.4	44.6	-	4.0	4.8	5.4	6.6	-
Ship and boat building and repairing	373	41.4	40.9	39.7	39.8	-	3.7	3.0	3.0	2.7	-
Ship building and repairing	3731	41.8	41.1	39.8	40.0	-	4.3	3.3	3.2	2.8	-
Boat building and repairing	3732	39.9	40.1	39.4	39.1	-	1.9	2.1	2.2	2.4	-
Railroad equipment	374	40.4	39.3	40.8	41.6	-	1.5	1.3	3.4	3.9	-
Guided missiles, space vehicles, and parts	376	41.7	42.7	41.7	42.6	-	3.3	4.0	3.0	3.8	-
Guided missiles and space vehicles	3761	41.8	43.4	41.8	43.0	-	3.4	4.2	2.9	4.0	-
Miscellaneous transportation equipment	379	39.8	40.1	40.7	40.3	-	2.4	3.0	2.8	2.8	-
Travel trailers and campers	3792	38.4	37.8	37.9	37.5	-	1.7	2.0	1.3	1.5	-
Instruments and related products	38	41.0	41.3	41.1	41.6	42.7	2.3	2.6	2.5	2.7	-
Engineering and scientific instruments	381	41.6	42.0	41.3	41.9	-	2.5	3.0	2.7	3.2	-
Measuring and controlling devices	382	40.7	41.3	41.3	41.7	-	1.9	2.4	2.4	2.5	-
Environmental controls	3822	40.5	41.4	41.4	41.6	-	2.2	2.8	2.5	2.3	-
Process control instruments	3823	41.0	41.7	41.7	43.1	-	1.4	2.3	3.3	3.9	-
Instruments to measure electricity	3825	40.5	40.9	41.3	41.6	-	1.6	2.0	2.1	2.2	-
Optical instruments and lenses	383	43.6	44.1	43.2	43.0	-	3.3	3.4	3.4	3.5	-
Medical instruments and supplies	384	40.6	41.1	40.0	40.7	-	2.5	3.0	2.2	2.4	-
Surgical and medical instruments	3841	40.5	40.8	39.4	39.9	-	2.3	2.8	2.0	2.2	-
Surgical appliances and supplies	3842	40.6	41.2	40.5	41.6	-	2.7	3.2	2.4	2.6	-
Ophthalmic goods	385	40.3	39.6	39.6	40.6	-	1.7	1.6	2.0	2.1	-
Photographic equipment and supplies	386	41.7	41.8	42.6	42.7	-	2.5	2.6	3.2	3.4	-
Watches, clocks, and watchcases	387	39.9	39.4	42.1	42.5	-	2.9	3.2	3.9	3.7	-
Miscellaneous manufacturing	39	39.8	40.0	39.7	39.7	40.2	2.5	2.5	2.4	2.4	-
Jewelry, silverware, and plated ware	391	40.0	39.4	40.0	39.9	-	3.0	2.5	3.0	3.2	-
Jewelry, precious metal	3911	39.9	38.8	39.5	39.8	-	3.4	2.6	3.2	3.4	-
Musical instruments	393	40.5	39.7	39.8	39.4	-	1.9	1.7	1.3	1.2	-
Toys and sporting goods	394	40.1	40.3	39.8	39.5	-	2.6	2.5	2.6	2.4	-
Dolls, games, toys, and children's vehicles	3942,4	40.0	39.6	39.3	38.8	-	2.5	1.9	2.0	1.6	-
Sporting and athletic goods, nec	3949	40.2	41.0	40.4	40.2	-	2.7	3.1	3.2	3.2	-
Pens, pencils, office, and art supplies	395	40.8	41.1	40.1	41.2	-	2.4	2.8	2.5	2.8	-
Costume jewelry and notions	396	37.2	37.3	37.6	37.8	-	2.6	2.4	1.9	1.8	-
Costume jewelry	3961	35.7	36.1	36.1	36.2	-	3.0	2.2	1.8	1.7	-
Miscellaneous manufactures	399	40.1	40.8	39.9	40.2	-	2.3	2.5	2.4	2.3	-
Signs and advertising displays	3993	40.5	41.5	40.3	40.6	-	2.5	3.1	2.9	2.7	-
Nondurable goods											
Food and kindred products	20	39.9	39.9	39.8	39.9	40.3	3.2	3.3	3.1	3.2	3.1
Meat products	201	39.8	39.1	40.0	39.8	-	3.8	3.6	3.6	3.8	-
Meat packing plants	2011	42.3	40.9	41.5	41.8	-	4.9	4.3	4.1	4.1	-
Sausages and other prepared meats	2013	39.9	41.0	39.8	40.0	-	3.6	4.2	3.5	3.9	-
Poultry dressing plants	2016	37.3	36.2	38.5	37.6	-	3.0	2.6	3.0	3.4	-
Dairy products	202	40.8	40.7	40.7	41.2	-	4.1	3.8	3.9	4.2	-
Cheese, natural and processed	2022	39.3	39.4	39.6	39.7	-	3.6	3.5	3.6	4.0	-
Fluid milk	2026	42.4	42.0	41.5	42.2	-	4.6	4.3	4.4	4.8	-
Preserved fruits and vegetables	203	38.9	39.2	38.1	37.7	-	3.6	3.4	4.0	3.5	-
Canned specialties	2032	42.2	43.0	41.8	41.6	-	5.3	6.7	7.2	6.5	-
Canned fruits and vegetables	2033	38.1	39.1	37.0	36.8	-	3.3	2.8	4.2	3.2	-
Frozen fruits and vegetables	2037	38.6	39.7	37.6	36.2	-	3.5	3.4	4.0	3.5	-
Grain mill products	204	43.5	44.2	43.7	44.3	-	5.2	5.6	5.6	6.0	-
Flour and other grain mill products	2041	45.9	45.7	45.3	46.3	-	5.7	6.3	6.2	7.0	-
Prepared feeds, nec	2048	43.7	44.1	43.1	42.5	-	5.8	6.0	5.5	5.1	-
Bakery products	205	38.3	38.5	38.7	39.3	-	2.9	2.9	3.0	3.6	-
Bread, cake, and related products	2051	37.6	37.7	38.0	38.5	-	3.1	3.1	3.2	3.8	-
Cookies and crackers	2052	39.9	40.6	40.7	41.6	-	2.3	2.3	2.6	2.8	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Durable goods—Continued											
Transportation equipment	37	\$12.01	\$12.04	\$12.29	\$12.42	\$12.58	\$515.23	\$521.33	\$521.10	\$530.33	\$549.75
Motor vehicles and equipment	371	12.49	12.47	12.81	12.97	13.22	550.81	556.16	554.67	561.60	589.61
Motor vehicles and car bodies	3711	13.77	13.68	14.32	14.54	-	610.01	610.13	625.78	638.31	-
Truck and bus bodies	3713	9.37	9.54	9.87	10.18	-	377.61	383.51	395.79	422.47	-
Motor vehicle parts and accessories	3714	11.97	12.03	12.20	12.30	-	533.86	544.96	531.92	531.36	-
Truck trailers	3715	8.87	8.88	8.90	9.00	-	367.22	379.18	360.45	360.90	-
Aircraft and parts	372	12.08	12.27	12.46	12.57	-	504.94	521.48	527.06	540.51	-
Aircraft	3721	-	-	-	-	-	-	-	-	-	-
Aircraft engines and engine parts	3724	11.90	12.20	12.60	12.79	-	503.37	522.16	531.72	551.25	-
Aircraft equipment, nec	3728	10.90	11.10	11.47	11.68	-	464.34	481.74	497.80	520.93	-
Ship and boat building and repairing	373	10.37	10.36	10.26	10.27	-	429.32	423.72	407.32	408.75	-
Ship building and repairing	3731	11.21	11.19	11.06	10.99	-	468.58	459.91	440.19	439.60	-
Boat building and repairing	3732	7.59	7.76	7.94	8.12	-	302.84	311.18	312.84	317.49	-
Railroad equipment	374	12.05	11.86	12.51	12.79	-	486.82	466.10	510.41	532.06	-
Guided missiles, space vehicles, and parts	376	11.88	11.81	11.93	12.05	-	495.40	504.29	497.48	513.33	-
Guided missiles and space vehicles	3761	12.13	12.05	12.16	12.26	-	507.03	522.97	508.29	527.18	-
Miscellaneous transportation equipment	379	9.73	9.89	9.87	9.85	-	387.25	396.59	401.71	396.96	-
Travel trailers and campers	3792	8.68	8.77	8.73	8.79	-	333.31	331.51	330.87	329.63	-
Instruments and related products	38	8.56	8.65	8.89	8.92	9.00	350.96	357.25	365.38	371.07	384.30
Engineering and scientific instruments	381	9.11	9.22	9.65	9.76	-	378.98	387.24	398.55	408.94	-
Measuring and controlling devices	382	8.52	8.65	8.70	8.76	-	346.76	357.25	359.31	365.29	-
Environmental controls	3822	7.98	8.13	8.25	8.19	-	323.19	336.58	341.55	340.70	-
Process control instruments	3823	8.63	8.77	8.87	9.02	-	353.83	365.71	369.88	388.76	-
Instruments to measure electricity	3825	8.80	8.94	8.97	9.08	-	356.40	365.65	370.46	377.73	-
Optical instruments and lenses	383	9.37	9.50	10.01	10.12	-	408.53	418.95	432.43	435.16	-
Medical instruments and supplies	384	7.52	7.60	7.78	7.77	-	305.31	312.36	311.20	316.24	-
Surgical and medical instruments	3841	7.51	7.65	7.99	7.98	-	304.16	312.12	314.81	318.40	-
Surgical appliances and supplies	3842	7.53	7.58	7.60	7.58	-	305.72	312.30	307.80	315.33	-
Ophthalmic goods	385	6.41	6.44	6.76	6.70	-	258.32	255.02	267.70	272.02	-
Photographic equipment and supplies	386	11.16	11.23	11.71	11.76	-	465.37	469.41	498.85	502.15	-
Watches, clocks, and watchcases	387	6.42	6.50	6.71	6.70	-	256.16	256.10	282.49	284.75	-
Miscellaneous manufacturing	39	6.84	6.95	7.02	7.05	7.13	272.23	278.00	278.69	279.89	286.63
Jewelry, silverware, and plated ware	391	7.37	7.46	7.69	7.72	-	294.80	293.92	307.60	308.03	-
Jewelry, precious metal	3911	7.35	7.44	7.80	7.81	-	293.27	288.67	308.10	310.84	-
Musical instruments	393	6.66	6.64	6.82	6.93	-	269.73	263.61	271.44	273.04	-
Toys and sporting goods	394	6.21	6.32	6.34	6.39	-	249.02	254.70	252.33	252.41	-
Dolls, games, toys, and children's vehicles	3942,4	5.88	6.01	6.01	6.15	-	235.20	238.00	236.19	238.62	-
Sporting and athletic goods, nec	3949	6.55	6.59	6.68	6.62	-	263.31	270.19	269.87	266.12	-
Pens, pencils, office, and art supplies	395	7.16	7.23	7.45	7.55	-	292.13	297.15	298.75	311.06	-
Costume jewelry and notions	396	5.73	5.80	5.63	5.61	-	213.16	216.34	211.69	212.06	-
Costume jewelry	3961	5.19	5.24	5.28	5.19	-	185.28	189.16	190.61	187.88	-
Miscellaneous manufactures	399	7.50	7.62	7.78	7.77	-	300.75	310.90	310.42	312.35	-
Signs and advertising displays	3993	8.20	8.31	8.31	8.31	-	332.10	344.87	334.89	337.39	-
Nondurable goods											
Food and kindred products	20	8.18	8.24	8.44	8.53	8.58	327.20	330.42	332.54	337.79	343.20
Meat products	201	8.26	8.36	8.33	8.46	8.52	329.57	333.56	331.53	337.55	343.36
Meat packing plants	2011	7.34	7.38	7.15	7.15	-	292.13	288.56	286.00	284.57	-
Sausages and other prepared meats	2013	8.32	8.29	8.05	7.92	-	351.94	339.06	334.08	331.06	-
Poultry dressing plants	2016	9.05	9.09	8.72	8.72	-	361.10	372.69	347.06	348.80	-
Dairy products	202	5.44	5.47	5.56	5.65	-	202.91	198.01	214.06	212.44	-
Cheese, natural and processed	2022	8.79	8.74	8.90	9.03	-	358.63	355.72	362.23	372.04	-
Fluid milk	2026	8.26	8.23	8.42	8.58	-	324.62	324.26	333.43	340.63	-
Preserved fruits and vegetables	203	9.01	8.99	9.12	9.25	-	382.02	377.58	378.48	390.35	-
Canned specialties	2032	7.35	7.60	7.48	7.74	-	285.92	297.92	284.99	291.80	-
Canned fruits and vegetables	2033	8.72	8.88	9.04	9.25	-	367.98	381.84	377.87	384.80	-
Frozen fruits and vegetables	2037	7.20	7.58	7.45	7.73	-	274.32	296.38	275.65	284.46	-
Grain mill products	204	7.03	7.23	6.89	7.20	-	271.36	287.03	259.06	260.64	-
Flour and other grain mill products	2041	9.83	9.99	10.16	10.43	-	427.61	441.56	443.99	462.05	-
Prepared feeds, nec	2048	10.04	10.16	10.05	10.25	-	460.84	464.31	455.27	474.58	-
Bakery products	205	7.61	7.66	7.76	7.93	-	332.56	337.81	334.46	337.03	-
Bread, cake, and related products	2051	9.14	9.12	9.48	9.57	-	350.06	351.12	366.88	376.10	-
Cookies and crackers	2052	9.12	9.11	9.51	9.61	-	342.91	343.45	361.38	369.99	-
		9.20	9.15	9.40	9.47	-	367.08	371.49	382.58	393.95	-

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^P	Dec. 1984 ^P	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^P	Dec. 1984 ^P
Nondurable goods—Continued											
Food and kindred products—Continued											
Sugar and confectionery products	206	41.4	40.5	41.0	41.3	-	3.6	3.6	3.9	3.9	-
Cane and beet sugar	2061-3	43.5	43.3	42.4	45.1	-	5.8	5.6	5.4	6.7	-
Confectionery products	2065	40.3	39.4	40.0	39.7	-	2.8	2.9	3.5	3.2	-
Fats and oils	207	43.8	44.7	43.7	44.8	-	5.3	5.7	5.5	6.3	-
Beverages	208	40.1	40.7	40.0	40.2	-	3.3	3.2	3.5	3.4	-
Malt beverages	2082	42.9	43.0	42.0	43.1	-	5.6	4.8	5.4	5.3	-
Bottled and canned soft drinks	2086	38.3	39.3	38.6	38.8	-	2.2	2.6	2.5	2.7	-
Misc. food and kindred products	209	37.5	38.7	37.9	37.9	-	2.9	2.9	3.7	3.7	-
Tobacco manufactures	21	40.1	37.8	39.9	40.5	40.4	2.6	1.0	1.1	3.5	-
Cigarettes	211	41.3	37.0	38.1	43.0	-	3.2	.4	.5	4.8	-
Textile mill products	22	41.0	41.0	39.0	39.4	39.6	3.8	3.8	2.8	2.9	-
Weaving mills, cotton	221	41.2	40.7	39.8	40.2	-	4.0	3.7	3.2	3.3	-
Weaving mills, synthetics	222	41.3	41.5	40.3	40.0	-	4.0	3.9	3.3	3.1	-
Weaving and finishing mills, wool	223	42.2	42.5	41.2	41.9	-	5.1	4.4	3.6	4.1	-
Narrow fabric mills	224	40.3	41.7	38.8	39.2	-	3.0	3.4	2.0	2.0	-
Knitting mills	225	39.7	39.1	36.9	37.6	-	3.0	3.0	1.9	2.2	-
Women's hosiery, except socks	2251	40.6	41.4	35.8	38.7	-	3.5	4.2	1.2	2.7	-
Hosiery, nec	2252	38.6	35.8	37.2	36.1	-	2.2	1.6	1.8	1.6	-
Knit outerwear mills	2253	38.4	38.0	36.2	37.4	-	2.6	2.3	2.1	2.1	-
Knit underwear mills	2254	38.9	38.0	36.2	35.4	-	2.0	2.3	1.1	.9	-
Circular knit fabric mills	2257	42.5	42.3	38.2	39.6	-	4.8	4.5	2.3	2.9	-
Textile finishing, except wool	226	41.4	42.2	39.5	40.8	-	4.7	4.6	3.6	4.2	-
Finishing plants, cotton	2261	43.0	42.7	39.7	41.6	-	4.6	4.3	3.9	4.5	-
Finishing plants, synthetics	2262	38.9	40.8	39.6	40.9	-	4.7	4.6	4.1	4.8	-
Floor covering mills	227	42.4	42.0	41.2	40.5	-	4.7	5.0	4.1	3.9	-
Yarn and thread mills	228	41.3	41.2	37.8	38.2	-	4.0	4.0	2.3	2.3	-
Yarn mills, except wool	2281	42.1	41.8	38.1	38.0	-	4.4	4.3	2.5	2.4	-
Throwing and winding mills	2282	38.3	38.2	36.6	37.4	-	2.8	3.7	2.2	2.2	-
Miscellaneous textile goods	229	43.0	43.6	41.6	42.2	-	4.3	4.5	3.5	3.6	-
Apparel and other textile products	23	36.8	36.7	36.1	36.2	36.3	1.5	1.4	1.3	1.4	-
Men's and boys' suits and coats	231	36.9	37.1	35.9	36.1	-	1.0	1.1	.9	1.0	-
Men's and boys' furnishings	232	37.5	37.1	36.5	36.4	-	1.2	1.2	1.0	1.2	-
Men's and boys' shirts and nightwear	2321	37.5	36.7	36.3	36.3	-	1.2	1.1	.9	1.2	-
Men's and boys' separate trousers	2327	37.5	38.3	36.4	36.3	-	1.3	1.7	1.1	1.2	-
Men's and boys' work clothing	2328	37.8	37.3	37.2	37.0	-	1.0	1.1	1.0	1.2	-
Women's and misses' outerwear	233	34.4	35.0	33.9	34.3	-	1.3	1.3	1.0	1.1	-
Women's and misses' blouses and waists	2331	34.6	35.1	34.9	34.8	-	1.2	1.3	1.3	1.3	-
Women's and misses' dresses	2335	32.8	33.1	32.7	32.4	-	.9	.8	.8	.6	-
Women's and misses' suits and coats	2337	33.7	33.8	32.6	33.4	-	1.2	1.1	.9	1.0	-
Women's and misses' outerwear, nec	2339	35.9	37.0	35.0	35.9	-	1.7	1.8	1.1	1.4	-
Women's and children's undergarments	234	38.1	37.3	37.2	36.4	-	2.1	1.7	1.6	1.6	-
Women's and children's underwear	2341	38.2	37.2	37.4	36.3	-	2.3	1.7	1.7	1.6	-
Brassieres and allied garments	2342	37.5	37.8	36.1	36.6	-	1.4	1.5	1.0	1.3	-
Children's outerwear	236	36.7	36.1	36.7	36.4	-	1.3	.8	1.0	1.1	-
Children's dresses and blouses	2361	35.9	35.0	36.1	35.7	-	1.3	.7	.9	.9	-
Misc. apparel and accessories	238	37.5	36.8	37.5	37.6	-	1.9	1.3	1.6	1.6	-
Misc. fabricated textile products	239	39.9	39.8	39.2	39.2	-	2.7	2.5	2.6	2.5	-
Curtains and draperies	2391	38.7	38.9	37.4	37.9	-	1.6	1.8	1.5	1.9	-
House furnishings, nec	2392	40.5	40.1	39.5	39.0	-	3.7	2.9	3.1	2.7	-
Automotive and apparel trimmings	2396	41.5	41.3	42.0	40.8	-	3.9	3.9	4.5	3.9	-
Paper and allied products	26	43.2	43.8	43.1	43.3	43.9	4.9	5.1	5.0	5.0	-
Paper and pulp mills	261,2,6	45.2	45.6	45.0	45.1	-	6.8	6.8	6.7	6.5	-
Paper mills, except building paper	262	45.3	45.7	45.2	45.3	-	6.8	6.8	6.8	6.7	-
Paperboard mills	263	44.8	44.3	44.4	44.9	-	7.1	7.3	7.8	8.2	-
Misc. converted paper products	264	41.6	42.6	41.8	41.9	-	3.1	3.6	3.4	3.4	-
Paper coating and glazing	2641	42.6	43.3	42.7	42.7	-	3.4	3.9	2.8	3.1	-
Envelopes	2642	41.0	42.1	41.4	42.0	-	3.2	3.7	3.5	3.7	-
Bags, except textile bags	2643	42.3	43.5	42.1	42.9	-	3.4	4.2	3.8	3.8	-
Paperboard containers and boxes	265	42.4	42.9	42.3	42.5	-	4.1	4.3	4.4	4.2	-
Folding paperboard boxes	2651	42.7	44.5	42.8	43.6	-	3.8	5.1	4.4	4.8	-
Corrugated and solid fiber boxes	2653	43.4	43.3	43.2	42.8	-	4.8	4.7	5.1	4.6	-
Sanitary food containers	2654	42.5	42.5	41.0	42.3	-	3.3	3.5	3.7	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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^P	Dec. 1984 ^P	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^P	Dec. 1984 ^P
Nondurable goods—Continued											
Food and kindred products—Continued											
Sugar and confectionery products	206	\$7.80	\$7.89	\$8.21	\$8.15	-	\$322.92	\$319.55	\$336.61	\$336.60	-
Cane and beet sugar	2061-3	8.89	9.12	9.26	9.18	-	386.72	394.90	392.62	414.02	-
Confectionery products	2065	6.80	6.86	7.17	7.13	-	274.04	270.28	286.80	283.06	-
Fats and oils	207	8.81	8.82	8.61	8.64	-	385.88	394.25	376.26	387.07	-
Beverages	208	10.74	10.77	11.19	11.20	-	430.67	438.34	447.60	450.24	-
Malt beverages	2082	14.44	14.44	15.59	15.47	-	619.48	620.92	654.78	666.76	-
Bottled and canned soft drinks	2086	8.01	8.11	8.17	8.25	-	306.78	318.72	315.36	320.10	-
Misc. food and kindred products	209	7.60	7.60	7.53	7.72	-	285.00	294.12	285.39	292.59	-
Tobacco manufactures	21	10.77	10.19	10.35	12.17	\$11.89	431.88	385.18	412.97	492.89	\$480.36
Cigarettes	211	13.00	12.57	13.98	14.82	-	536.90	465.09	532.64	637.26	-
Textile mill products	22	6.26	6.31	6.49	6.54	6.58	256.66	258.71	253.11	257.68	260.57
Weaving mills, cotton	221	6.51	6.53	6.75	6.77	-	268.21	265.77	268.65	272.15	-
Weaving mills, synthetics	222	6.70	6.72	6.98	7.02	-	276.71	278.88	281.29	280.80	-
Weaving and finishing mills, wool	223	6.62	6.61	6.86	6.94	-	279.36	280.93	282.63	290.79	-
Narrow fabric mills	224	6.01	5.99	6.21	6.27	-	242.20	249.78	240.95	245.78	-
Knitting mills	225	5.73	5.77	5.92	6.00	-	227.48	225.61	218.45	225.60	-
Women's hosiery, except socks	2251	5.60	5.70	5.81	5.98	-	227.36	235.98	208.00	231.43	-
Hosiery, nec	2252	5.41	5.40	5.61	5.64	-	208.83	193.32	208.69	203.60	-
Knit outerwear mills	2253	5.66	5.62	5.78	5.90	-	217.34	213.56	209.24	220.66	-
Knit underwear mills	2254	5.36	5.40	5.55	5.52	-	208.50	205.20	200.91	195.41	-
Circular knit fabric mills	2257	6.38	6.46	6.57	6.56	-	271.15	273.26	250.97	259.78	-
Textile finishing, except wool	226	6.70	6.75	6.91	6.96	-	277.38	284.85	272.95	283.97	-
Finishing plants, cotton	2261	6.72	6.75	7.02	6.99	-	288.96	288.23	278.69	290.78	-
Finishing plants, synthetics	2262	7.00	7.10	7.32	7.42	-	272.30	289.68	289.87	303.48	-
Floor covering mills	227	6.42	6.56	6.61	6.65	-	272.21	275.52	272.33	269.33	-
Yarn and thread mills	228	5.87	5.92	6.05	6.08	-	242.43	243.90	228.69	232.26	-
Yarn mills, except wool	2281	5.87	5.94	6.04	6.05	-	247.13	248.29	230.12	229.90	-
Throwing and winding mills	2282	5.69	5.75	5.98	6.05	-	217.93	219.65	218.87	226.27	-
Miscellaneous textile goods	229	7.02	7.06	7.23	7.29	-	301.86	307.82	300.77	307.64	-
Apparel and other textile products	23	5.43	5.44	5.59	5.58	5.63	199.82	199.65	201.80	202.00	204.37
Men's and boys' suits and coats	231	6.30	6.29	6.62	6.57	-	232.47	233.36	237.66	237.18	-
Men's and boys' furnishings	232	4.96	4.99	5.09	5.10	-	186.00	185.13	185.79	185.64	-
Men's and boys' shirts and nightwear	2321	4.76	4.79	4.88	4.89	-	178.50	175.79	177.14	177.51	-
Men's and boys' separate trousers	2327	5.04	5.04	5.18	5.21	-	189.00	193.03	188.55	189.12	-
Men's and boys' work clothing	2328	4.95	4.96	5.06	5.06	-	187.11	185.01	188.23	187.22	-
Women's and misses' outerwear	233	5.41	5.42	5.56	5.54	-	186.10	189.70	188.48	190.02	-
Women's and misses' blouses and waists	2331	4.93	4.95	5.14	5.14	-	170.58	173.75	179.39	178.87	-
Women's and misses' dresses	2335	5.56	5.64	5.81	5.78	-	182.37	186.68	189.99	187.27	-
Women's and misses' suits and coats	2337	6.18	6.19	6.32	6.37	-	208.27	209.22	206.03	212.76	-
Women's and misses' outerwear, nec	2339	5.18	5.17	5.28	5.26	-	185.96	191.29	184.80	188.83	-
Women's and children's undergarments	234	4.96	4.95	5.17	5.16	-	188.98	184.64	192.32	187.82	-
Women's and children's underwear	2341	4.87	4.86	5.11	5.09	-	186.03	180.79	191.11	184.77	-
Brassieres and allied garments	2342	5.39	5.36	5.54	5.55	-	202.13	202.61	199.99	203.13	-
Children's outerwear	236	4.85	4.84	4.96	4.95	-	178.00	174.72	182.03	180.18	-
Children's dresses and blouses	2361	4.81	4.81	4.90	4.85	-	172.68	168.35	176.89	173.15	-
Misc. apparel and accessories	238	5.33	5.32	5.44	5.41	-	199.88	195.78	204.00	203.42	-
Misc. fabricated textile products	239	6.31	6.38	6.53	6.50	-	251.77	253.92	255.98	254.80	-
Curtains and draperies	2391	5.08	5.02	5.28	5.27	-	196.60	195.28	197.47	199.73	-
House furnishings, nec	2392	5.44	5.45	5.63	5.64	-	220.32	218.55	222.39	219.96	-
Automotive and apparel trimmings	2396	9.95	10.25	10.31	10.34	-	412.93	423.33	433.02	421.87	-
Paper and allied products	26	10.20	10.24	10.56	10.67	10.68	440.64	448.51	455.14	462.01	468.85
Paper and pulp mills	261,2,6	12.13	12.10	12.69	12.83	-	548.28	551.76	571.05	578.63	-
Paper mills, except building paper	262	12.10	12.09	12.72	12.88	-	548.13	552.51	574.94	583.46	-
Paperboard mills	263	12.51	12.58	13.31	13.35	-	560.45	557.29	590.96	599.42	-
Misc. converted paper products	264	8.93	9.01	9.16	9.25	-	371.49	383.83	382.89	387.58	-
Paper coating and glazing	2641	10.16	10.24	10.58	10.58	-	432.82	443.39	451.77	451.77	-
Envelopes	2642	8.20	8.22	8.43	8.48	-	336.20	346.06	349.00	356.16	-
Bags, except textile bags	2643	8.27	8.36	8.59	8.66	-	349.82	363.66	361.64	371.51	-
Paperboard containers and boxes	265	8.68	8.74	8.93	9.02	-	368.03	374.95	377.74	383.35	-
Folding paperboard boxes	2651	8.97	9.10	9.20	9.37	-	383.02	404.95	393.76	408.53	-
Corrugated and solid fiber boxes	2653	8.99	9.03	9.27	9.35	-	390.17	391.00	400.46	400.18	-
Sanitary food containers	2654	8.37	8.39	8.65	8.83	-	355.73	356.58	354.65	373.51	-

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Nondurable goods—Continued											
Printing and publishing	27	38.1	38.4	37.8	38.2	38.3	2.9	3.0	2.9	3.1	-
Newspapers	271	34.6	34.7	34.0	35.1	-	2.2	2.1	2.0	2.4	-
Periodicals	272	37.5	36.8	37.3	38.3	-	2.5	2.3	3.0	3.2	-
Books	273	39.8	40.4	38.6	38.6	-	3.4	3.6	3.0	2.8	-
Book publishing	2731	37.8	37.6	37.4	37.5	-	2.0	1.9	1.9	1.8	-
Book printing	2732	42.5	43.9	40.3	40.1	-	5.3	5.9	4.6	4.1	-
Miscellaneous publishing	274	35.2	35.1	36.1	36.1	-	1.6	1.3	2.4	2.3	-
Commercial printing	275	39.2	39.5	39.2	39.5	-	3.3	3.3	3.4	3.5	-
Commercial printing, letterpress	2751	38.7	38.9	39.0	38.9	-	2.6	2.8	3.1	3.1	-
Commercial printing, lithographic	2752	39.4	39.7	39.2	39.5	-	3.5	3.5	3.5	3.5	-
Manifold business forms	276	42.8	44.2	40.9	41.9	-	4.5	5.9	3.2	4.0	-
Blankbooks and bookbinding	278	38.9	39.8	39.1	39.1	-	2.0	2.7	2.4	2.3	-
Printing trade services	279	38.7	38.8	38.8	38.5	-	3.9	3.2	3.7	3.5	-
Chemicals and allied products	28	42.1	42.4	41.6	41.8	42.6	3.4	3.4	3.4	3.3	-
Industrial inorganic chemicals	281	42.6	42.3	42.0	41.9	-	3.4	3.3	3.4	3.1	-
Industrial inorganic chemicals, nec	2819	42.7	42.7	42.2	42.5	-	3.3	3.3	3.5	3.3	-
Plastics materials and synthetics	282	42.3	42.6	42.0	42.1	-	3.3	3.4	3.6	3.7	-
Plastics materials and resins	2821	43.6	43.4	43.5	43.6	-	4.8	4.5	4.8	4.5	-
Organic fibers, noncellulosic	2824	42.2	42.6	41.2	41.1	-	2.4	2.7	2.7	3.1	-
Drugs	283	41.0	41.6	39.9	40.0	-	3.0	3.0	2.4	2.4	-
Pharmaceutical preparations	2834	41.1	41.3	40.2	40.4	-	3.0	3.0	2.2	2.2	-
Soap, cleaners, and toilet goods	284	41.9	42.5	41.0	41.2	-	3.3	3.3	3.2	3.1	-
Soap and other detergents	2841	44.7	43.8	44.8	45.0	-	5.4	4.7	5.5	5.7	-
Toilet preparations	2844	40.8	42.0	38.6	39.0	-	2.5	2.9	2.0	1.8	-
Polishing, sanitation, and finishing preparations	2842,3	40.4	41.6	40.9	41.1	-	2.1	2.4	2.6	2.3	-
Paints and allied products	285	41.0	41.5	41.3	41.2	-	2.3	2.5	2.8	2.4	-
Industrial organic chemicals	286	43.2	42.9	43.0	43.3	-	3.9	3.8	4.0	4.0	-
Cyclic crudes and intermediates	2865	41.7	42.7	42.4	43.2	-	3.5	3.8	3.7	4.1	-
Gum, wood, and industrial organic chemicals, nec	2861,9	43.6	43.0	43.2	43.3	-	4.0	3.8	4.1	3.9	-
Agricultural chemicals	287	42.1	42.9	43.0	42.7	-	4.2	4.6	4.7	4.2	-
Miscellaneous chemical products	289	42.5	42.7	41.8	42.1	-	3.4	3.4	3.5	3.6	-
Petroleum and coal products	29	43.9	44.6	43.7	43.6	42.6	4.3	4.2	4.4	4.0	-
Petroleum refining	291	44.6	45.2	43.6	43.8	-	4.0	4.1	3.8	3.8	-
Paving and roofing materials	295	42.5	43.3	45.3	43.4	-	6.1	5.3	7.2	5.3	-
Rubber and misc. plastics products	30	42.0	42.4	41.4	41.6	42.0	4.0	4.2	3.6	3.7	-
Tires and inner tubes	301	44.5	45.3	43.6	44.4	-	5.4	6.1	4.4	5.2	-
Rubber and plastics footwear	302	38.8	39.7	38.5	38.0	-	1.6	2.1	1.8	1.4	-
Reclaimed rubber, and rubber and plastics hose and belting	303,4	41.9	42.4	41.2	41.7	-	3.5	4.0	3.7	4.5	-
Fabricated rubber products, nec	306	41.6	42.2	41.4	41.1	-	3.5	3.7	3.2	2.9	-
Miscellaneous plastics products	307	41.8	42.1	41.2	41.3	-	3.9	4.0	3.6	3.6	-
Leather and leather products	31	37.3	37.3	36.3	36.7	37.4	1.6	1.6	1.3	1.3	-
Leather tanning and finishing	311	39.8	39.7	39.1	39.6	-	3.1	3.0	2.6	2.8	-
Footwear, except rubber	314	36.5	36.8	35.6	36.2	-	1.0	1.4	.9	1.0	-
Men's footwear, except athletic	3143	37.0	36.8	36.5	36.5	-	1.0	1.3	1.1	.9	-
Women's footwear, except athletic	3144	36.3	37.3	34.1	36.0	-	1.2	1.5	.6	1.1	-
Luggage	316	37.5	36.9	37.9	38.0	-	2.6	2.8	1.9	2.0	-
Handbags and personal leather goods	317	39.5	37.8	36.8	36.5	-	2.4	1.4	1.4	.9	-
Transportation and public utilities		39.3	39.7	39.2	39.5	39.9	-	-	-	-	-
Railroad transportation:											
Class I railroads ²	4011	43.6	43.5	41.3	43.2	-	-	-	-	-	-
Local and interurban passenger transit	41	33.2	33.4	34.4	34.0	-	-	-	-	-	-
Local and suburban transportation	411	37.7	37.9	38.4	38.0	-	-	-	-	-	-
Intercity highway transportation	413	39.9	38.1	40.0	39.9	-	-	-	-	-	-
Trucking and warehousing	42	38.5	39.6	38.8	38.6	-	-	-	-	-	-
Trucking and trucking terminals	421,3	38.5	39.6	38.7	38.3	-	-	-	-	-	-
Public warehousing	422	38.9	39.5	39.8	41.4	-	-	-	-	-	-
Pipe lines, except natural gas	46	41.3	42.1	40.2	42.6	-	-	-	-	-	-

See footnotes at end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Nondurable goods—Continued											
Printing and publishing	27	\$9.26	\$9.29	\$9.48	\$9.54	\$9.61	\$352.81	\$356.74	\$358.34	\$364.43	\$368.06
Newspapers	271	9.41	9.42	9.57	9.71	-	325.59	326.87	325.38	340.82	-
Periodicals	272	9.86	9.95	10.21	10.25	-	369.75	366.16	380.83	392.58	-
Books	273	8.64	8.51	8.72	8.67	-	343.87	343.80	336.59	334.66	-
Book publishing	2731	8.14	8.08	8.25	8.16	-	307.69	303.81	308.55	306.00	-
Book printing	2732	9.23	8.99	9.31	9.33	-	392.28	394.66	375.19	374.13	-
Miscellaneous publishing	274	8.40	8.23	8.56	8.60	-	295.68	288.87	309.02	310.46	-
Commercial printing	275	9.49	9.52	9.79	9.82	-	372.01	376.04	383.77	387.89	-
Commercial printing, letterpress	2751	8.99	9.06	9.28	9.22	-	347.91	352.43	361.92	358.66	-
Commercial printing, lithographic	2752	9.63	9.68	10.01	10.06	-	379.42	384.30	392.39	397.37	-
Manifold business forms	276	9.49	9.69	9.54	9.72	-	406.17	428.30	390.19	407.27	-
Blankbooks and bookbinding	278	7.30	7.44	7.35	7.38	-	283.97	296.11	287.39	288.56	-
Printing trade services	279	10.98	11.10	11.39	11.49	-	424.93	430.68	441.93	442.37	-
Chemicals and allied products	28	10.86	10.90	11.32	11.37	11.38	457.21	462.16	470.91	475.27	484.79
Industrial inorganic chemicals	281	12.03	12.07	12.56	12.63	-	512.48	510.56	527.52	529.20	-
Industrial inorganic chemicals, nec	2819	12.05	12.13	12.64	12.65	-	514.54	517.95	533.41	537.63	-
Plastics materials and synthetics	282	10.83	10.83	11.43	11.48	-	458.11	461.36	480.06	483.31	-
Plastics materials and resins	2821	11.79	11.80	12.37	12.31	-	514.04	512.12	538.10	536.72	-
Organic fibers, noncellulosic	2824	10.30	10.34	11.04	11.13	-	434.66	440.48	454.85	457.44	-
Drugs	283	10.05	10.05	10.42	10.42	-	412.05	418.08	415.76	416.80	-
Pharmaceutical preparations	2834	9.61	9.63	10.07	10.08	-	394.97	397.72	404.81	407.23	-
Soap, cleaners, and toilet goods	284	9.91	9.91	10.06	10.08	-	415.23	421.18	412.46	415.30	-
Soap and other detergents	2841	12.86	13.05	12.99	13.11	-	574.84	571.59	581.95	589.95	-
Toilet preparations	2844	8.07	8.11	8.24	8.20	-	329.26	340.62	318.06	319.80	-
Polishing, sanitation, and finishing preparations	2842,3	9.18	9.17	9.47	9.48	-	370.87	381.47	387.32	389.63	-
Paints and allied products	285	9.46	9.50	9.81	9.86	-	387.86	394.25	405.15	406.23	-
Industrial organic chemicals	286	13.02	13.17	13.62	13.73	-	562.46	564.99	585.66	594.51	-
Cyclic crudes and intermediates	2865	12.51	12.75	12.85	13.14	-	521.67	544.43	544.84	567.65	-
Gum, wood, and industrial organic chemicals, nec	2861,9	13.17	13.30	13.86	13.91	-	574.21	571.90	598.75	602.30	-
Agricultural chemicals	287	10.57	10.71	11.04	11.01	-	445.00	459.46	474.72	470.13	-
Miscellaneous chemical products	289	9.77	9.85	10.27	10.35	-	415.23	420.60	429.29	435.74	-
Petroleum and coal products	29	13.45	13.54	13.52	13.70	13.64	590.46	603.88	590.82	597.32	581.06
Petroleum refining	291	14.52	14.54	14.69	14.84	-	647.59	657.21	640.48	649.99	-
Paving and roofing materials	295	9.95	9.87	10.30	10.25	-	422.88	427.37	466.59	444.85	-
Rubber and misc. plastics products	30	8.07	8.16	8.31	8.38	8.46	338.94	345.98	344.03	348.61	355.32
Tires and inner tubes	301	12.60	12.85	12.89	13.03	-	560.70	582.11	562.00	578.53	-
Rubber and plastics footwear	302	5.18	5.21	5.58	5.54	-	200.98	206.84	214.83	210.52	-
Reclaimed rubber, and rubber and plastics hose and belting	303,4	8.28	8.22	8.32	8.48	-	346.93	348.53	342.78	353.62	-
Fabricated rubber products, nec	306	7.83	7.89	8.12	8.14	-	325.73	332.96	336.17	334.55	-
Miscellaneous plastics products	307	7.40	7.46	7.63	7.68	-	309.32	314.07	314.36	317.18	-
Leather and leather products	31	5.57	5.61	5.71	5.75	5.76	207.76	209.25	207.27	211.03	215.42
Leather tanning and finishing	311	7.47	7.46	7.39	7.49	-	297.31	296.16	288.95	296.60	-
Footwear, except rubber	314	5.29	5.34	5.43	5.47	-	193.09	196.51	193.31	198.01	-
Men's footwear, except athletic	3143	5.53	5.58	5.73	5.85	-	204.61	205.34	209.15	213.53	-
Women's footwear, except athletic	3144	5.15	5.19	5.15	5.16	-	186.95	193.59	175.62	185.76	-
Luggage	316	6.46	6.40	6.38	6.57	-	242.25	236.16	241.80	249.66	-
Handbags and personal leather goods	317	5.21	5.30	5.59	5.56	-	205.80	200.34	205.71	202.94	-
Transportation and public utilities		11.01	11.00	11.22	11.30	11.32	432.69	436.70	439.82	446.35	451.67
Railroad transportation:											
Class I railroads ²	4011	13.04	13.06	13.46	13.47	-	568.54	568.11	555.90	581.90	-
Local and interurban passenger transit	41	7.16	7.10	7.53	7.55	-	237.71	237.14	259.03	256.70	-
Local and suburban transportation	411	8.09	8.05	7.84	7.92	-	304.99	305.10	301.06	300.96	-
Intercity highway transportation	413	10.82	10.31	11.36	11.27	-	431.72	392.61	454.40	449.67	-
Trucking and warehousing	42	10.48	10.54	10.44	10.49	-	403.48	417.38	405.07	404.91	-
Trucking and trucking terminals	421,3	10.71	10.75	10.65	10.72	-	412.34	425.70	412.16	410.58	-
Public warehousing	422	7.50	7.53	7.78	7.78	-	291.75	297.44	309.64	322.09	-
Pipe lines, except natural gas	46	14.10	14.49	14.97	14.85	-	582.33	610.03	601.79	632.61	-

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Transportation and public utilities—Continued											
Communication	48	39.9	39.9	39.8	40.2	-	-	-	-	-	-
Telephone communication	481	40.5	40.4	40.5	40.9	-	-	-	-	-	-
Radio and television broadcasting	483	37.4	37.5	37.2	37.4	-	-	-	-	-	-
Electric, gas, and sanitary services	49	41.8	41.7	41.5	41.9	-	-	-	-	-	-
Electric services	491	41.8	41.7	41.6	41.9	-	-	-	-	-	-
Gas production and distribution	492	41.2	41.4	41.2	41.6	-	-	-	-	-	-
Combination utility services	493	42.5	42.5	-	-	-	-	-	-	-	-
Sanitary services	495	40.8	40.7	41.3	41.7	-	-	-	-	-	-
Wholesale trade		38.7	38.9	38.7	38.7	39.0	-	-	-	-	-
Durable goods	50	39.1	39.3	39.2	39.2	-	-	-	-	-	-
Motor vehicles and automotive equipment	501	38.9	39.0	38.8	38.6	-	-	-	-	-	-
Furniture and home furnishings	502	37.6	37.8	37.5	37.6	-	-	-	-	-	-
Lumber and construction materials	503	39.2	39.3	39.1	39.2	-	-	-	-	-	-
Sporting goods, toys, and hobby goods	504	38.4	38.6	39.1	38.9	-	-	-	-	-	-
Metals and minerals, except petroleum	505	40.6	40.9	40.5	40.1	-	-	-	-	-	-
Electrical goods	506	39.1	39.7	39.4	39.4	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	38.7	38.9	38.4	38.8	-	-	-	-	-	-
Machinery, equipment, and supplies	508	39.4	39.6	39.7	39.5	-	-	-	-	-	-
Miscellaneous durable goods	509	38.3	38.2	38.3	38.8	-	-	-	-	-	-
Nondurable goods	51	38.0	38.2	37.9	38.1	-	-	-	-	-	-
Paper and paper products	511	37.4	37.3	37.0	37.3	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	37.7	38.2	37.7	37.9	-	-	-	-	-	-
Apparel, piece goods, and notions	513	37.3	36.9	36.3	36.5	-	-	-	-	-	-
Groceries and related products	514	38.6	38.6	38.5	38.6	-	-	-	-	-	-
Chemicals and allied products	516	39.1	39.8	39.5	39.2	-	-	-	-	-	-
Petroleum and petroleum products	517	39.5	40.0	38.9	39.4	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	35.7	36.1	35.8	36.7	-	-	-	-	-	-
Miscellaneous nondurable goods	519	37.1	37.5	37.3	37.5	-	-	-	-	-	-
Retail trade		29.8	30.8	29.7	29.7	30.3	-	-	-	-	-
Building materials and garden supplies	52	35.7	35.7	36.6	36.5	-	-	-	-	-	-
Lumber and other building materials	521	36.5	36.3	38.5	38.6	-	-	-	-	-	-
Hardware stores	525	33.4	34.0	33.1	33.1	-	-	-	-	-	-
General merchandise stores	53	29.1	32.9	29.2	29.1	-	-	-	-	-	-
Department stores	531	29.1	33.1	29.1	28.9	-	-	-	-	-	-
Variety stores	533	29.6	32.5	29.2	29.5	-	-	-	-	-	-
Misc. general merchandise stores	539	29.8	31.5	30.4	30.5	-	-	-	-	-	-
Food stores	54	30.4	30.8	30.3	30.7	-	-	-	-	-	-
Grocery stores	541	30.6	30.8	30.5	31.0	-	-	-	-	-	-
Retail bakeries	546	29.1	29.2	28.4	28.2	-	-	-	-	-	-
Automotive dealers and service stations	55	36.9	36.9	37.0	37.1	-	-	-	-	-	-
New and used car dealers	551,2	38.0	37.9	37.9	38.0	-	-	-	-	-	-
Auto and home supply stores	553	39.3	39.6	40.0	40.1	-	-	-	-	-	-
Gasoline service stations	554	34.5	34.4	34.2	34.6	-	-	-	-	-	-
Apparel and accessory stores	56	27.8	29.6	27.7	27.7	-	-	-	-	-	-
Men's and boys' clothing and furnishings	561	30.3	32.7	30.7	30.5	-	-	-	-	-	-
Women's ready-to-wear stores	562	26.8	28.4	26.7	26.4	-	-	-	-	-	-
Family clothing stores	565	28.0	29.9	28.0	28.1	-	-	-	-	-	-
Shoe stores	566	27.9	29.3	27.4	27.3	-	-	-	-	-	-
Furniture and home furnishings stores	57	34.2	34.9	34.1	34.1	-	-	-	-	-	-
Furniture and home furnishings stores	571	34.0	34.7	33.8	34.1	-	-	-	-	-	-
Household appliance stores	572	34.5	34.5	34.5	34.6	-	-	-	-	-	-
Radio, television, and music stores	573	34.5	35.4	34.3	34.0	-	-	-	-	-	-
Eating and drinking places ³	58	26.2	26.2	25.9	25.6	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^f	Dec. 1984 ^p
Transportation and public utilities—Continued											
Communication	48	\$11.23	\$11.18	\$11.54	\$11.60	-	\$448.08	\$446.08	\$459.29	\$466.32	-
Telephone communication	481	11.92	11.88	12.27	12.32	-	482.76	479.95	496.94	503.89	-
Radio and television broadcasting	483	9.38	9.34	9.89	9.96	-	350.81	350.25	367.91	372.50	-
Electric, gas, and sanitary services	49	11.79	11.82	12.44	12.57	-	492.82	492.89	516.26	526.68	-
Electric services	491	11.84	11.84	12.49	12.68	-	494.91	493.73	519.58	531.29	-
Gas production and distribution	492	10.78	10.86	11.41	11.36	-	444.14	449.60	470.09	472.58	-
Combination utility services	493	13.66	13.69	-	-	-	580.55	581.83	-	-	-
Sanitary services	495	8.90	8.93	9.56	9.67	-	363.12	363.45	394.83	403.24	-
Wholesale trade		8.68	8.74	8.99	9.06	\$9.16	335.92	339.99	347.91	350.62	\$357.24
Durable goods	50	8.66	8.70	9.03	9.08	-	338.61	341.91	353.98	355.94	-
Motor vehicles and automotive equipment	501	7.94	7.98	8.18	8.23	-	308.87	311.22	317.38	317.68	-
Furniture and home furnishings	502	7.59	7.57	7.83	7.90	-	285.38	286.15	293.63	297.04	-
Lumber and construction materials	503	8.36	8.43	8.53	8.52	-	327.71	331.30	333.52	333.98	-
Sporting goods, toys, and hobby goods	504	8.91	9.00	9.70	9.80	-	342.14	347.40	379.27	381.22	-
Metals and minerals, except petroleum	505	9.25	9.38	9.68	9.71	-	375.55	383.64	392.04	389.37	-
Electrical goods	506	9.27	9.25	9.37	9.55	-	362.46	367.23	369.18	376.27	-
Hardware, plumbing, and heating equipment	507	8.12	8.17	8.53	8.44	-	314.24	317.81	327.55	327.47	-
Machinery, equipment, and supplies	508	9.01	9.06	9.56	9.61	-	354.99	358.78	379.53	379.60	-
Miscellaneous durable goods	509	7.43	7.45	7.48	7.48	-	284.57	284.59	286.48	290.22	-
Nondurable goods	51	8.71	8.79	8.93	9.02	-	330.98	335.78	338.45	343.66	-
Paper and paper products	511	9.48	9.55	9.79	9.89	-	354.55	356.22	362.23	368.90	-
Drugs, proprietaries, and sundries	512	9.53	9.55	9.86	9.89	-	359.28	364.81	371.72	374.83	-
Apparel, piece goods, and notions	513	8.29	8.43	8.74	8.81	-	309.22	311.07	317.26	321.57	-
Groceries and related products	514	8.83	8.87	9.14	9.25	-	340.84	342.38	351.89	357.05	-
Chemicals and allied products	516	10.04	10.08	10.47	10.70	-	392.56	401.18	413.57	419.44	-
Petroleum and petroleum products	517	10.10	10.17	9.78	9.76	-	398.95	406.80	380.44	384.54	-
Beer, wine, and distilled beverages	518	10.48	10.78	10.64	10.76	-	374.14	389.16	380.91	394.89	-
Miscellaneous nondurable goods	519	7.01	7.07	7.31	7.30	-	260.07	265.13	272.66	273.75	-
Retail trade		5.82	5.78	5.88	5.93	5.89	173.44	178.02	174.64	176.12	178.47
Building materials and garden supplies	52	6.32	6.35	6.54	6.54	-	225.62	226.70	239.36	238.71	-
Lumber and other building materials	521	6.55	6.60	6.81	6.80	-	239.08	239.58	262.19	262.48	-
Hardware stores	525	5.52	5.52	5.64	5.68	-	184.37	187.68	186.68	188.01	-
General merchandise stores	53	5.62	5.48	5.58	5.60	-	163.54	180.29	162.94	162.96	-
Department stores	531	5.83	5.66	5.75	5.78	-	169.65	187.35	167.33	167.04	-
Variety stores	533	4.30	4.39	4.51	4.50	-	127.28	142.68	131.69	132.75	-
Misc. general merchandise stores	539	4.48	4.42	4.55	4.50	-	133.50	139.23	138.32	137.25	-
Food stores	54	7.67	7.56	7.71	7.79	-	233.17	232.85	233.61	239.15	-
Grocery stores	541	7.97	7.87	7.98	8.07	-	243.88	242.40	243.39	250.17	-
Retail bakeries	546	5.12	5.20	5.25	5.26	-	148.99	151.84	149.10	148.33	-
Automotive dealers and service stations	55	6.81	6.88	7.05	7.09	-	251.29	253.87	260.85	263.04	-
New and used car dealers	551.2	8.09	8.17	8.44	8.49	-	307.42	309.64	319.88	322.62	-
Auto and home supply stores	553	6.14	6.22	6.36	6.46	-	241.30	246.31	254.40	259.05	-
Gasoline service stations	554	5.21	5.27	5.27	5.29	-	179.75	181.29	180.23	183.03	-
Apparel and accessory stores	56	5.11	5.14	5.18	5.22	-	142.06	152.14	143.49	144.59	-
Men's and boys' clothing and furnishings	561	5.82	5.86	5.89	5.96	-	176.35	191.62	180.82	181.78	-
Women's ready-to-wear stores	562	4.78	4.84	4.95	4.98	-	128.10	137.46	132.17	131.47	-
Family clothing stores	565	5.06	4.98	5.05	5.05	-	141.68	148.90	141.40	141.91	-
Shoe stores	566	5.32	5.32	5.28	5.35	-	148.43	155.88	144.67	146.06	-
Furniture and home furnishings stores	57	6.74	6.83	7.02	7.05	-	230.51	238.37	239.38	240.41	-
Furniture and home furnishings stores	571	6.59	6.69	6.97	7.04	-	224.06	232.14	235.59	240.06	-
Household appliance stores	572	7.00	6.97	7.19	7.02	-	241.50	240.47	248.06	242.89	-
Radio, television, and music stores	573	6.96	7.07	7.03	7.07	-	240.12	250.28	241.13	240.38	-
Eating and drinking places ³	58	4.30	4.33	4.33	4.35	-	112.66	113.45	112.15	111.36	-

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 nonagricultural payrolls by detailed industry—Continued

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^P	Dec. 1984 ^P	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^P	Dec. 1984 ^P
Retail trade—Continued											
Miscellaneous retail	59	30.9	32.4	31.2	31.2	-	-	-	-	-	-
Drug stores and proprietary stores	591	28.5	29.9	29.9	30.0	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	29.4	32.0	29.4	28.7	-	-	-	-	-	-
Nonstore retailers	596	34.4	34.8	35.2	36.1	-	-	-	-	-	-
Fuel and ice dealers	598	38.5	38.3	38.2	38.9	-	-	-	-	-	-
Retail stores, nec	599	32.5	34.1	31.6	32.1	-	-	-	-	-	-
Finance, insurance, and real estate⁴											
Banking											
Commercial and stock savings banks	602	36.2	36.5	36.4	36.3	-	-	-	-	-	-
Credit agencies other than banks	61	36.8	36.8	37.4	37.2	-	-	-	-	-	-
Savings and loan associations	612	36.1	36.2	36.7	36.6	-	-	-	-	-	-
Personal credit institutions	614	37.4	37.1	37.6	37.4	-	-	-	-	-	-
Insurance carriers	63	37.2	37.3	37.3	37.3	-	-	-	-	-	-
Life insurance	631	37.0	37.0	37.0	37.0	-	-	-	-	-	-
Medical service and health insurance	632	37.8	37.9	38.0	37.8	-	-	-	-	-	-
Fire, marine, and casualty insurance	633	37.0	37.1	37.2	37.2	-	-	-	-	-	-
Services											
Hotels and other lodging places:											
Hotels, motels, and tourist courts ³	701	30.6	30.0	30.5	30.0	-	-	-	-	-	-
Personal services:											
Laundry, cleaning, and garment services	721	34.0	34.2	34.4	34.4	-	-	-	-	-	-
Beauty shops ³	723	29.0	29.2	30.1	30.3	-	-	-	-	-	-
Business services	73	33.4	33.5	33.5	33.5	-	-	-	-	-	-
Advertising	731	36.0	36.0	36.0	36.1	-	-	-	-	-	-
Services to buildings	734	27.8	28.0	28.7	28.9	-	-	-	-	-	-
Computer and data processing services	737	38.4	38.2	38.4	38.0	-	-	-	-	-	-
Auto repair, services, and garages	75	37.4	37.6	37.4	37.5	-	-	-	-	-	-
Automotive repair shops	753	38.9	39.2	38.9	39.2	-	-	-	-	-	-
Miscellaneous repair services	76	38.6	39.3	38.6	38.5	-	-	-	-	-	-
Motion pictures	78	29.8	30.2	30.0	29.8	-	-	-	-	-	-
Motion picture production and services	781	39.8	40.1	39.4	38.4	-	-	-	-	-	-
Amusement and recreation services	79	29.2	29.3	29.5	29.8	-	-	-	-	-	-
Health services	80	32.4	32.3	32.3	32.4	-	-	-	-	-	-
Offices of physicians	801	30.9	30.9	30.5	30.4	-	-	-	-	-	-
Offices of dentists	802	27.9	28.0	28.6	28.6	-	-	-	-	-	-
Nursing and personal care facilities	805	31.2	31.2	31.1	31.2	-	-	-	-	-	-
Hospitals	806	33.9	33.7	33.9	34.1	-	-	-	-	-	-
Legal services	81	34.5	34.9	34.6	34.4	-	-	-	-	-	-
Miscellaneous services	89	38.7	38.8	38.8	38.9	-	-	-	-	-	-
Engineering and architectural services	891	39.8	39.9	39.7	40.0	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	893	37.9	38.1	37.8	37.6	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^P	Dec. 1984 ^P	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^P	Dec. 1984 ^P
Retail trade—Continued											
Miscellaneous retail	59	\$5.73	\$5.68	\$5.78	\$5.77	-	\$177.06	\$184.03	\$180.34	\$180.02	-
Drug stores and proprietary stores	591	5.51	5.42	5.35	5.35	-	157.04	162.06	159.97	160.50	-
Miscellaneous shopping goods stores	594	5.31	5.24	5.52	5.46	-	156.11	167.68	162.29	156.70	-
Nonstore retailers	596	6.07	6.12	6.05	6.03	-	208.81	212.98	212.96	217.68	-
Fuel and ice dealers	598	8.00	8.13	8.26	8.41	-	308.00	311.38	315.53	327.15	-
Retail stores, nec	599	6.08	6.02	6.14	6.15	-	197.60	205.28	194.02	197.42	-
Finance, insurance, and real estate⁴		7.39	7.43	7.67	7.73	\$7.82	266.78	268.97	279.96	281.37	\$287.78
Banking	60	6.37	6.42	6.60	6.64	-	231.23	234.33	240.24	241.03	-
Commercial and stock savings banks	602	6.24	6.28	6.46	6.50	-	225.89	229.22	235.14	235.95	-
Credit agencies other than banks	61	6.57	6.63	6.88	6.91	-	241.78	243.98	257.31	257.05	-
Savings and loan associations	612	5.94	5.97	6.26	6.28	-	214.43	216.11	229.74	229.85	-
Personal credit institutions	614	6.52	6.58	6.61	6.68	-	243.85	244.12	248.54	249.83	-
Insurance carriers	63	8.24	8.30	8.43	8.43	-	306.53	309.59	314.44	314.44	-
Life insurance	631	8.20	8.28	8.16	8.13	-	303.40	306.36	301.92	300.81	-
Medical service and health insurance	632	7.94	8.05	8.26	8.34	-	300.13	305.10	313.88	315.25	-
Fire, marine, and casualty insurance	633	8.32	8.35	8.66	8.70	-	307.84	309.79	322.15	323.64	-
Services		7.44	7.47	7.69	7.74	7.81	242.54	243.52	250.69	252.32	255.39
Hotels and other lodging places:											
Hotels, motels, and tourist courts ³	701	5.36	5.45	5.43	5.52	-	164.02	163.50	165.62	165.60	-
Personal services:											
Laundry, cleaning, and garment services	721	5.46	5.51	5.63	5.66	-	185.64	188.44	193.67	194.70	-
Beauty shops ³	723	5.39	5.48	5.62	5.65	-	156.31	160.02	169.16	171.20	-
Business services	73	7.70	7.66	7.93	7.97	-	257.18	256.61	265.66	267.00	-
Advertising	731	10.04	10.11	10.56	10.53	-	361.44	363.96	380.16	380.13	-
Services to buildings	734	6.04	6.03	6.13	6.14	-	167.91	168.84	175.93	177.45	-
Computer and data processing services	737	10.27	10.24	10.55	10.67	-	394.37	391.17	405.12	405.46	-
Auto repair, services, and garages	75	7.02	7.06	7.17	7.24	-	262.55	265.46	268.16	271.50	-
Automotive repair shops	753	7.55	7.62	7.74	7.82	-	293.70	298.70	301.09	306.54	-
Miscellaneous repair services	76	8.36	8.63	8.71	8.70	-	322.70	339.16	336.21	334.95	-
Motion pictures	78	11.32	11.99	12.32	12.25	-	337.34	362.10	369.60	365.05	-
Motion picture production and services	781	14.92	16.18	16.58	16.38	-	593.82	648.82	653.25	628.99	-
Amusement and recreation services	79	6.83	6.84	6.91	7.13	-	199.44	200.41	203.85	212.47	-
Health services	80	7.53	7.55	7.84	7.88	-	243.97	243.87	253.23	255.31	-
Offices of physicians	801	7.33	7.40	7.64	7.72	-	226.50	228.66	233.02	234.69	-
Offices of dentists	802	7.21	7.25	7.52	7.59	-	201.16	203.00	215.07	217.07	-
Nursing and personal care facilities	805	5.28	5.28	5.43	5.45	-	164.74	164.74	168.87	170.04	-
Hospitals	806	8.30	8.32	8.71	8.75	-	281.37	280.38	295.27	298.38	-
Legal services	81	9.35	9.40	9.94	10.01	-	322.58	328.06	343.92	344.34	-
Miscellaneous services	89	10.84	10.87	11.20	11.26	-	419.51	421.76	434.56	438.01	-
Engineering and architectural services	891	11.64	11.69	11.99	12.09	-	463.27	466.43	476.00	483.60	-
Accounting, auditing, and bookkeeping	893	9.08	9.09	9.44	9.44	-	344.13	346.33	356.83	354.94	-

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 Beginning in January 1978, data relate to line haul railroads with operating revenues of \$50,000,000 or more.

³ Money payments only; tips, not included.

⁴ Data for nonoffice sales agents are excluded from all series in this

division.

- Data not available.

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1983 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

C-3. Average hourly earnings, excluding overtime¹ of production workers on manufacturing payrolls

Industry	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Manufacturing	\$8.61	\$8.67	\$8.85	\$8.92	\$9.00
Durable goods	9.14	9.19	9.35	9.41	9.50
Lumber and wood products	7.51	7.50	7.76	7.72	(¹)
Furniture and fixtures	6.52	6.53	6.72	6.73	(¹)
Stone, clay, and glass products	8.92	8.95	9.10	9.14	(¹)
Primary metal industries	10.84	10.85	10.84	10.99	(¹)
Fabricated metal products	8.86	8.94	8.99	9.03	(¹)
Machinery, except electrical	9.36	9.40	9.59	9.62	(¹)
Electrical and electronic equipment	8.43	8.49	8.78	8.82	(¹)
Transportation equipment	11.37	11.41	11.64	11.72	(¹)
Instruments and related products	8.32	8.38	8.63	8.63	(¹)
Miscellaneous manufacturing	6.63	6.74	6.81	6.84	(¹)
Nondurable goods	7.86	7.92	8.12	8.20	\$8.26
Food and kindred products	7.90	8.00	7.94	8.06	(¹)
Tobacco manufactures	10.44	10.06	10.20	11.67	(¹)
Textile mill products	5.98	6.03	6.26	6.30	(¹)
Apparel and other textile products	5.31	5.34	5.49	5.48	(¹)
Paper and allied products	9.66	9.67	9.98	10.08	(¹)
Printing and publishing	8.91	8.94	9.13	9.18	(¹)
Chemicals and allied products	10.45	10.48	10.88	10.94	(¹)
Petroleum and coal products	12.82	12.92	12.88	13.10	(¹)
Rubber and misc. plastics products	7.71	7.77	7.96	8.03	(¹)
Leather and leather products	5.46	5.49	5.61	5.65	(¹)

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 1983 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1983 forward are subject to revision.

C-4. Average hourly and weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls by major industry, in current and constant (1977) dollars.

Industry	Average hourly earnings					Average weekly earnings				
	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p	Nov. 1983	Dec. 1983	Oct. 1984	Nov. 1984 ^p	Dec. 1984 ^p
Total private:										
Current dollars	\$8.16	\$8.16	\$8.40	\$8.43	\$8.47	\$286.42	\$289.68	\$295.68	\$295.89	\$300.69
Constant (1977) dollars	4.91	4.91	4.88	4.91	(¹)	172.44	174.40	171.91	172.23	(¹)
Mining:										
Current dollars	11.40	11.41	11.52	11.57	\$11.68	489.06	495.19	497.66	502.14	\$509.25
Constant (1977) dollars	6.86	6.87	6.70	6.73	(¹)	294.44	298.13	289.34	292.28	(¹)
Construction:										
Current dollars	11.91	12.02	12.14	12.00	\$12.16	432.33	442.34	461.32	448.80	\$457.22
Constant (1977) dollars	7.17	7.24	7.06	6.99	(¹)	260.28	266.31	268.21	261.23	(¹)
Manufacturing:										
Current dollars	8.97	9.04	9.22	9.30	\$9.39	365.98	372.45	373.41	378.51	\$387.81
Constant (1977) dollars	5.40	5.44	5.36	5.41	(¹)	220.34	224.23	217.10	220.32	(¹)
Transportation and public utilities:										
Current dollars	11.01	11.00	11.22	11.30	\$11.32	432.69	436.70	439.82	446.35	\$451.67
Constant (1977) dollars	6.63	6.62	6.52	6.58	(¹)	260.50	262.91	255.71	259.81	(¹)
Wholesale trade:										
Current dollars	8.68	8.74	8.99	9.06	\$9.16	335.92	339.99	347.91	350.62	\$357.24
Constant (1977) dollars	5.23	5.26	5.23	5.27	(¹)	202.24	204.69	202.27	204.09	(¹)
Retail trade:										
Current dollars	5.82	5.78	5.88	5.93	\$5.89	173.44	178.02	174.64	176.12	\$178.47
Constant (1977) dollars	3.50	3.48	3.42	3.45	(¹)	104.42	107.18	101.53	102.51	(¹)
Finance, insurance, and real estate:										
Current dollars	7.39	7.43	7.67	7.73	\$7.82	266.78	268.97	279.96	281.37	\$287.78
Constant (1977) dollars	4.45	4.47	4.46	4.50	(¹)	160.61	161.93	162.77	163.78	(¹)
Services:										
Current dollars	7.44	7.47	7.69	7.74	\$7.81	242.54	243.52	250.69	252.32	\$255.39
Constant (1977) dollars	4.48	4.50	4.47	4.51	(¹)	146.02	146.61	145.75	146.87	(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 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 1983 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1983 forward are subject to revision.

ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED

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

Industry	1984												
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Total private	35.2	35.4	35.3	35.3	35.4	35.3	35.3	35.2	35.2	35.4	35.1	35.2	35.3
Mining	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Construction	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Manufacturing	40.6	40.9	40.9	40.7	41.1	40.6	40.6	40.5	40.5	40.6	40.4	40.5	40.7
<i>Overtime hours</i>	3.4	3.5	3.5	3.5	3.7	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4
Durable goods	41.3	41.6	41.7	41.4	41.8	41.3	41.2	41.2	41.2	41.5	41.3	41.2	41.5
<i>Overtime hours</i>	3.5	3.7	3.8	3.7	4.0	3.5	3.5	3.5	3.4	3.5	3.5	3.6	3.6
Lumber and wood products	40.0	40.6	40.4	40.1	40.4	39.6	39.4	39.3	39.4	40.2	39.7	39.6	40.4
Furniture and fixtures	40.1	40.0	39.9	39.6	39.7	39.7	39.1	39.8	39.1	39.9	39.6	39.8	39.6
Stone, clay, and glass products	41.9	42.1	42.5	41.9	42.3	42.1	41.8	41.9	41.7	42.0	41.8	41.8	41.7
Primary metal industries	41.8	41.9	42.0	41.8	42.2	42.1	41.7	41.5	41.0	41.3	41.3	41.6	41.7
Blast furnaces and basic steel products	41.2	41.0	41.3	41.2	41.0	41.6	41.1	39.9	39.6	40.0	40.1	41.1	40.8
Fabricated metal products	41.4	41.6	41.8	41.3	41.8	41.4	41.3	41.3	41.1	41.5	41.3	41.1	41.7
Machinery, except electrical	41.5	41.8	41.9	41.9	42.3	41.9	42.0	41.8	42.0	42.0	41.9	41.7	41.8
Electrical and electronic equipment	41.0	41.2	41.2	41.0	41.3	41.0	40.8	40.8	40.9	41.2	40.9	41.0	41.0
Transportation equipment	42.4	43.2	43.1	42.9	43.5	42.4	42.3	42.2	42.4	42.8	42.4	42.4	42.8
Motor vehicles and equipment	43.9	44.8	44.3	44.4	44.8	42.9	43.1	42.4	43.3	43.9	43.3	43.3	44.1
Instruments and related products	40.8	41.3	41.2	41.1	41.4	40.7	41.3	41.3	41.1	41.5	41.2	41.4	42.2
Miscellaneous manufacturing	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Nondurable goods	39.7	39.9	39.9	39.8	40.2	39.6	39.6	39.4	39.5	39.4	39.3	39.5	39.6
<i>Overtime hours</i>	3.2	3.3	3.3	3.3	3.4	3.1	3.2	3.1	3.1	3.0	2.9	3.2	3.1
Food and kindred products	39.5	39.7	39.7	39.8	40.1	39.7	39.8	39.5	39.7	39.6	39.6	39.6	39.9
Tobacco manufactures	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Textile mill products	40.7	40.6	40.8	40.6	41.2	40.0	40.0	39.8	39.4	39.2	38.7	39.1	39.4
Apparel and other textile products	36.6	36.6	36.9	36.7	37.4	36.5	36.4	35.8	36.0	35.9	35.9	36.1	36.3
Paper and allied products	43.1	43.2	43.2	43.0	43.2	43.1	42.9	43.3	43.1	43.1	43.0	43.2	43.2
Printing and publishing	37.7	37.9	37.9	37.9	38.2	38.0	37.7	37.7	37.8	37.9	37.8	38.0	37.6
Chemicals and allied products	41.9	42.1	42.1	42.0	42.0	41.8	41.9	41.9	42.0	41.8	41.6	41.6	42.1
Petroleum and coal products	44.6	44.8	44.5	44.7	43.7	43.5	43.1	43.2	43.9	43.1	43.5	43.4	42.6
Rubber and misc. plastics products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Leather and leather products	37.1	37.3	37.2	36.7	37.5	36.5	36.7	37.0	36.0	36.5	36.4	36.5	37.2
Transportation and public utilities	39.4	39.5	39.3	39.2	39.5	39.4	39.6	39.8	39.4	39.8	39.1	39.4	39.6
Wholesale trade	38.6	38.6	38.5	38.5	38.7	38.6	38.6	38.6	38.7	38.8	38.6	38.6	38.7
Retail trade	30.3	30.1	30.0	30.1	30.0	30.1	30.2	29.9	29.9	30.0	29.8	29.9	29.8
Finance, insurance, and real estate	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Services	32.6	32.8	32.7	32.8	32.8	32.7	32.7	32.7	32.6	32.8	32.7	32.7	32.7

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 1983 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1980 forward are subject to revision.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

C-6. Indexes of aggregate weekly hours of production or nonsupervisory workers ¹ on private nonagricultural payrolls by major industry and manufacturing group, seasonally adjusted

(1977 = 100)

Industry	1983	1984											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
Total private	109.4	110.3	110.9	110.9	112.0	112.0	112.7	112.6	112.7	113.4	113.2	114.0	114.5
Goods-producing	96.2	97.9	99.2	98.1	100.1	99.5	99.9	99.9	100.1	100.0	99.7	100.1	101.0
Mining	110.4	111.5	112.1	111.7	114.7	115.5	117.1	116.2	118.0	119.2	115.8	116.8	115.4
Construction	105.7	110.3	114.1	107.7	112.6	113.7	116.4	115.3	115.6	117.2	116.2	118.0	118.2
Manufacturing	93.7	94.9	95.7	95.7	97.0	96.0	96.0	96.1	96.2	95.8	95.7	95.9	97.0
Durable goods	92.0	93.4	94.4	94.5	95.8	95.0	95.1	95.5	96.0	96.0	95.9	95.9	97.2
Lumber and wood products	95.6	97.4	97.4	97.8	98.6	96.1	95.8	95.1	95.0	96.4	96.2	96.3	98.7
Furniture and fixtures	101.2	102.0	102.8	102.8	103.1	102.5	101.5	103.6	101.3	102.5	103.1	105.2	104.9
Stone, clay, and glass products	86.5	87.1	89.3	88.2	89.2	89.0	88.6	88.8	88.0	88.4	88.2	88.6	89.3
Primary metal industries	73.0	72.8	73.5	73.2	74.1	74.8	73.9	73.0	72.0	71.1	71.4	71.8	71.7
Blast furnaces and basic steel products	63.5	62.3	62.6	62.4	62.3	63.7	62.7	60.4	58.1	56.9	56.3	57.7	57.3
Fabricated metal products	88.5	89.5	90.4	89.9	91.5	91.3	91.8	92.6	92.4	92.7	92.8	92.7	94.6
Machinery, except electrical	89.5	91.1	92.3	93.3	95.2	95.3	96.5	97.0	98.1	97.3	97.9	96.9	97.6
Electrical and electronic equipment	108.0	109.6	111.2	112.2	113.6	113.2	112.8	113.7	114.9	115.3	114.7	115.0	115.0
Transportation equipment	92.1	95.1	95.9	95.5	96.8	94.1	94.4	94.9	97.8	96.8	95.8	95.8	99.2
Motor vehicles and equipment	88.8	93.0	92.3	91.8	91.8	86.3	87.4	86.7	93.1	89.8	88.4	89.4	95.5
Instruments and related products	106.4	108.5	108.8	108.8	109.3	107.7	109.6	109.9	108.5	109.6	109.3	110.4	112.8
Miscellaneous manufacturing	84.6	85.0	86.5	85.8	86.5	85.3	84.8	85.4	85.5	86.1	86.3	85.5	86.9
Nondurable goods	96.2	97.0	97.5	97.4	98.8	97.4	97.2	96.9	96.5	95.6	95.5	95.9	96.7
Food and kindred products	95.8	97.0	96.9	97.1	98.7	97.7	97.9	98.0	97.5	96.5	97.0	97.2	98.9
Tobacco manufactures	87.1	87.6	86.1	87.6	93.4	92.0	92.0	88.7	88.6	93.8	95.6	91.5	87.5
Textile mill products	84.0	84.5	84.8	84.5	85.7	82.7	82.3	81.1	79.9	78.7	76.7	77.0	77.7
Apparel and other textile products	92.8	93.2	94.4	94.2	96.7	93.9	92.5	90.7	90.8	89.2	89.0	89.4	90.9
Paper and allied products	98.2	98.8	99.4	99.1	99.6	99.3	99.5	100.6	100.1	98.9	99.5	99.8	100.5
Printing and publishing	112.4	113.8	114.1	114.6	116.6	116.6	116.3	117.1	117.4	117.8	118.2	119.3	117.8
Chemicals and allied products	95.5	96.1	96.3	96.1	96.2	95.6	96.1	96.3	96.7	95.9	95.5	95.3	96.6
Petroleum and coal products	89.8	89.4	88.8	88.4	86.5	86.1	84.5	84.7	86.1	84.5	85.3	85.9	85.0
Rubber and misc. plastics products	109.4	111.0	112.5	112.2	113.8	113.1	113.5	113.4	112.7	112.2	112.9	114.5	114.9
Leather and leather products	81.0	81.4	81.2	79.7	81.4	78.3	77.8	78.9	73.7	72.9	72.2	71.5	72.4
Service-producing	116.7	117.2	117.4	117.9	118.6	119.0	119.7	119.7	119.7	120.8	120.7	121.6	121.9
Transportation and public utilities	102.4	103.4	103.1	103.1	104.4	104.3	105.2	106.1	105.7	106.8	105.2	106.0	107.0
Wholesale trade	110.7	111.6	112.0	112.5	113.3	113.5	113.7	114.4	114.9	116.1	116.2	116.3	117.2
Retail trade	109.7	109.3	109.4	109.9	110.3	111.1	111.9	111.0	111.1	111.7	111.8	113.5	113.0
Finance, insurance, and real estate	121.0	122.0	122.1	122.2	123.1	123.1	124.0	124.7	124.2	125.4	125.1	125.4	126.9
Services	128.6	129.4	129.9	130.9	131.4	131.7	132.4	132.5	132.4	134.1	134.2	134.8	135.2

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 1983 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1980 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
SEASONALLY ADJUSTED**

C-7. The Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, seasonally adjusted

Industry	1983	1984											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^p	Dec. ^p
	Hourly Earnings Index ² (1977=100)												
Total private (in current dollars)	157.8	158.4	158.5	159.1	159.9	159.6 ^r	160.3	160.8	160.6	161.6	161.3	162.0	163.0
Mining	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Construction	145.6	146.3	146.2	146.3	146.6	147.0	147.1	146.6	146.6	146.8	146.3	146.5	147.2
Manufacturing	159.7	160.3	160.7	161.2	161.6	162.0	162.3	162.9	163.3	163.4	163.8	164.5	165.3
Transportation and public utilities	159.1	159.9	159.8	160.9	161.3	160.9	162.1	162.6	161.9	163.0	163.0	163.2	164.1
Wholesale trade	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Retail trade	152.7	152.7	152.9	153.2	153.7	153.4	153.8	154.0	153.6	154.0	153.9	154.9	155.1
Finance, insurance, and real estate	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Services	159.4	159.8	159.8	160.8	162.3	161.4	162.5	163.4	162.8	164.7	164.0	164.7	166.2
Total private (in constant dollars) ⁴	94.9	94.8	94.8	95.1	95.4	94.9	95.2	95.2	94.1	94.2	93.9	94.2	(³)
	Average hourly earnings												
Total private	\$8.17	\$8.21	\$8.23	\$8.25	\$8.31	\$8.29	\$8.33	\$8.35	\$8.34	\$8.40	\$8.38	\$8.42	\$8.48
Mining	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Construction	\$11.96	\$11.97	\$11.95	\$11.97	\$12.03	\$12.07	\$12.07	\$12.04	\$12.05	\$12.05	\$12.02	\$12.02	\$12.10
Manufacturing	8.99	9.03	9.06	9.09	9.11	9.12	9.15	9.17	9.20	9.22	9.25	9.30	9.34
Transportation and public utilities	10.96	11.02	10.99	11.08	11.11	11.09	11.16	11.22	11.16	11.23	11.19	11.22	11.27
Wholesale trade	8.74	8.76	8.76	8.82	8.88	8.85	8.94	8.98	8.97	9.05	9.00	9.08	9.16
Retail trade	5.83	5.84	5.84	5.87	5.89	5.87	5.89	5.89	5.88	5.90	5.89	5.93	5.94
Finance, insurance, and real estate	7.47	7.49	7.47	7.54	7.62	7.53	7.61	7.64	7.57	7.78	7.68	7.73	7.53
Services	7.44	7.48	7.50	7.52	7.60	7.56	7.59	7.64	7.62	7.69	7.67	7.72	7.78
	Average weekly earnings												
Total private:													
In current dollars	287.58	290.63	290.52	291.23	294.17	292.64	294.05	293.92	293.57	297.36	294.14	296.38	299.34
In constant (1977) dollars ⁴	172.93	173.93	173.65	174.08	175.52	173.98	174.61	173.92	171.98	173.39	171.21	172.41	(³)

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 Excludes the effects of two types of changes that are unrelated to underlying wage rate movements: Fluctuations in overtime in manufacturing and interindustry employment shifts.

³ 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.

⁴ The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these series.

⁵ Not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1980 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. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^p
Alabama	41.0	40.9	41.4	\$7.69	\$8.12	\$8.23	\$315.29	\$332.11	\$340.72
Birmingham	40.6	41.2	42.7	7.96	8.27	8.54	353.14	340.72	364.66
Mobile	42.1	42.0	41.7	9.81	9.73	10.01	413.00	408.66	417.42
Alaska	29.1	31.2	(¹)	14.97	15.19	(¹)	435.63	473.93	(¹)
Arizona	41.4	40.8	40.8	9.14	9.13	9.22	378.40	372.50	376.18
Arkansas	40.2	40.2	39.4	7.22	7.41	7.50	290.24	297.88	295.50
Fayetteville-Springdale	40.3	41.1	40.5	6.53	6.65	6.74	263.16	273.32	272.97
Fort Smith	40.1	39.9	40.2	7.30	7.51	7.62	292.73	299.65	306.32
Little Rock-North Little Rock	40.8	40.0	37.9	8.33	8.44	8.61	339.86	337.60	326.32
Pine Bluff	42.5	42.3	41.1	9.25	9.53	9.48	393.13	403.12	389.63
California	40.6	40.0	40.4	9.59	9.80	9.90	389.35	392.00	399.96
Colorado	40.7	40.4	40.5	9.06	9.28	9.31	368.74	374.91	377.06
Denver-Boulder	41.0	40.2	40.5	9.44	9.74	9.76	387.04	391.55	395.28
Connecticut	42.3	42.5	42.8	8.95	9.32	9.36	378.59	396.10	400.61
Bridgeport	42.7	41.1	42.0	9.46	9.83	9.93	403.94	404.01	417.06
Hartford	42.3	42.8	43.3	9.63	9.94	10.03	407.35	425.43	434.30
New Britain	41.9	42.4	42.2	9.26	9.76	9.76	387.99	413.82	411.87
New Haven-West Haven	41.0	40.9	41.4	8.94	8.96	9.25	366.54	366.46	382.95
Stamford	40.6	44.0	43.3	8.73	9.02	9.06	354.44	396.88	392.30
Waterbury	44.2	44.4	44.7	7.63	7.92	7.95	337.25	351.65	355.37
Delaware	38.6	41.7	42.7	9.16	9.35	9.59	353.58	389.90	409.49
Wilmington	39.3	42.9	45.3	10.60	10.91	11.09	416.58	468.04	502.38
District of Columbia:									
Washington SMSA	39.4	38.8	39.2	9.98	10.31	10.36	393.21	400.03	406.11
Florida	41.5	40.8	41.1	7.47	7.74	7.84	310.01	315.79	322.22
Fort Lauderdale-Hollywood	42.6	42.9	42.7	6.95	7.43	7.44	296.07	318.75	317.69
Jacksonville	39.5	40.7	40.8	7.95	8.37	8.21	314.03	340.66	334.97
Lakeland-Winter Haven	40.8	41.8	40.5	7.30	7.89	7.63	297.84	329.80	309.02
Miami	39.4	39.9	39.7	6.25	6.54	6.54	246.25	260.95	259.64
Orlando	42.3	42.0	42.6	7.73	7.85	7.84	326.98	329.70	333.98
Pensacola	43.6	41.3	41.5	9.13	9.28	9.24	398.07	383.26	383.46
Tampa-St. Petersburg	41.5	41.2	42.2	7.42	7.49	7.58	307.93	308.59	319.88
West Palm Beach-Boca Raton	40.8	41.1	43.6	7.79	7.64	7.86	317.83	314.00	342.70
Georgia	41.8	40.7	40.8	7.27	7.68	7.74	303.89	312.58	315.79
Atlanta	40.7	39.9	40.4	8.61	9.09	9.30	350.43	362.69	375.72
Savannah	45.0	45.0	44.8	9.51	10.16	10.20	427.95	457.20	456.96
Hawaii	38.7	37.0	37.3	8.35	8.32	8.39	323.15	307.84	312.95
Honolulu	38.1	36.9	37.7	8.52	8.49	8.60	324.61	313.28	324.22
Idaho	37.6	36.9	37.7	9.08	9.94	9.35	341.41	366.79	352.50
Illinois	41.2	40.7	40.9	9.88	10.17	10.22	407.06	413.92	418.00
Bloomington-Normal	40.7	39.4	41.6	9.65	10.18	10.71	392.76	401.09	445.54
Champaign-Urbana-Rantoul	40.0	40.7	40.9	9.53	9.32	9.43	381.20	379.32	385.69
Chicago SMSA	41.3	41.1	41.5	9.75	9.96	9.98	402.68	409.36	414.17
Davenport-Rock Island-Moline	39.8	40.0	40.4	12.32	12.49	12.24	490.34	499.60	494.50
Decatur	41.9	39.4	39.8	13.11	13.24	13.07	549.31	521.66	520.19
Kankakee	40.2	37.2	36.5	8.23	10.13	9.95	330.85	376.84	363.18
Peoria	40.6	41.6	41.6	12.15	12.51	12.51	493.29	520.42	520.42
Rockford	43.1	42.1	41.5	9.66	10.30	10.39	416.35	433.63	431.19
Springfield	43.0	43.2	43.9	11.09	11.73	11.92	476.87	506.74	523.29
Indiana	41.7	41.4	41.8	10.25	10.45	10.56	427.42	432.63	441.41
Gary-Hammond-East Chicago	41.0	40.7	42.0	12.85	13.16	13.07	526.85	535.61	548.94
Indianapolis	41.8	42.0	42.5	10.23	10.83	10.98	427.61	454.86	466.65

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. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^f	Nov. 1983	Oct. 1984	Nov. 1984 ^f
Iowa	40.2	40.3	40.8	\$10.09	\$10.17	\$10.25	\$405.62	\$409.85	\$418.20
Cedar Rapids	42.2	40.9	44.4	10.57	11.00	11.26	446.05	449.90	499.94
Des Moines	38.7	41.6	41.0	11.85	12.41	12.55	458.60	516.26	514.55
Dubuque	40.1	41.0	39.7	10.65	10.73	10.73	427.07	439.93	425.98
Sioux City	40.0	39.3	38.2	8.48	8.41	8.32	339.20	330.51	317.82
Waterloo-Cedar Falls	38.9	40.3	40.1	12.72	12.64	12.69	494.81	509.39	508.87
Kansas	39.4	39.9	39.7	9.44	9.39	9.34	371.94	374.66	370.80
Topeka	39.0	40.4	42.4	9.44	10.48	10.20	368.16	423.39	432.48
Wichita	40.1	41.4	40.9	10.57	9.76	9.83	423.86	404.06	402.05
Kentucky	39.6	39.4	40.2	9.16	9.46	9.42	362.74	372.72	378.68
Lexington-Fayette	40.0	39.8	41.3	9.62	9.80	9.77	384.80	390.04	403.50
Louisville	42.3	(¹)	(¹)	10.49	(¹)	(¹)	443.73	(¹)	(¹)
Louisiana	40.2	41.1	42.6	9.80	10.13	10.27	393.96	416.34	437.50
Baton Rouge	42.4	40.6	40.1	11.10	12.04	12.06	470.64	488.82	483.61
New Orleans	38.9	39.6	40.8	9.21	9.29	9.15	358.27	367.88	373.32
Shreveport	40.0	40.7	41.8	9.59	10.01	10.23	383.60	407.41	427.61
Maine	39.7	39.8	40.1	7.82	8.27	8.45	310.45	329.15	338.85
Lewiston-Auburn	39.2	37.3	37.0	6.24	6.68	6.81	244.61	249.16	251.97
Portland	37.9	38.2	39.7	8.03	8.14	8.20	304.34	310.95	325.54
Maryland	41.3	40.8	41.4	9.17	9.48	9.71	378.72	386.78	401.99
Baltimore	41.7	41.1	41.9	9.61	9.92	10.11	400.74	407.71	423.61
Massachusetts	40.3	39.2	39.8	8.16	8.71	8.75	328.85	341.43	348.25
Boston	39.9	40.1	40.0	8.86	9.45	9.47	353.51	378.95	378.80
Brockton	38.4	37.8	38.7	6.36	6.72	6.72	244.22	254.02	260.06
Fall River	35.2	36.1	35.8	6.86	6.95	6.93	241.47	250.90	248.09
Lawrence-Haverhill	39.8	39.5	39.5	8.87	8.59	8.65	333.12	339.31	341.68
Lowell	40.4	38.8	42.6	7.59	8.18	8.18	306.64	317.38	348.47
New Bedford	35.3	38.0	38.8	7.44	7.88	7.88	262.63	299.44	305.74
Springfield-Chicopee-Holyoke	40.9	41.2	41.2	8.17	8.59	8.66	334.15	353.91	356.79
Worcester	40.5	38.9	40.1	8.49	8.89	8.87	343.85	345.82	355.69
Michigan	43.8	43.3	41.8	11.88	12.30	12.46	520.19	532.59	520.83
Ann Arbor	44.4	45.6	46.1	12.30	13.20	13.61	546.65	601.92	627.42
Battle Creek	41.9	41.9	40.5	12.07	12.57	12.69	505.48	526.68	513.95
Bay City	43.2	43.3	40.1	10.28	10.47	10.43	443.80	453.35	418.24
Detroit	43.7	44.2	43.8	12.62	12.91	12.98	551.04	570.62	568.52
Flint	47.1	44.4	41.8	13.47	14.17	14.37	634.90	629.15	600.67
Grand Rapids	42.9	41.6	38.9	10.09	10.39	10.28	432.40	432.22	399.89
Jackson	42.4	43.0	42.5	9.98	9.97	9.97	422.75	428.71	423.73
Kalamazoo-Portage	42.4	41.5	39.9	11.13	11.23	11.31	471.88	466.05	451.27
Lansing-East Lansing	46.8	45.0	43.1	13.52	13.84	14.31	632.48	622.80	616.76
Muskegon-Norton Shores-Muskegon Heights	40.4	40.7	38.3	10.69	10.87	11.12	431.92	442.41	425.90
Saginaw	44.1	43.6	39.2	13.94	14.08	14.13	614.48	613.89	553.90
Minnesota	40.3	40.3	40.1	9.68	9.70	9.74	390.10	390.91	390.57
Duluth-Superior	37.7	38.8	37.9	10.28	10.67	10.60	387.56	414.00	401.74
Minneapolis-St. Paul	40.4	40.5	40.5	10.29	10.38	10.38	415.72	420.39	420.39
St. Cloud	36.8	40.1	40.7	8.49	8.97	9.16	312.43	359.70	372.81
Mississippi	40.6	40.4	40.8	6.86	6.95	7.02	278.52	280.76	286.42
Jackson	41.1	41.4	41.8	7.73	8.16	8.19	317.70	337.82	342.34
Missouri	40.1	40.4	40.3	9.00	9.47	9.54	360.90	382.59	384.46
Kansas City	40.6	41.4	42.0	10.18	10.76	10.74	413.31	445.46	451.08
St. Joseph	39.5	39.8	39.5	8.27	8.44	8.74	326.67	335.91	345.23
St. Louis	40.3	40.5	40.1	10.23	10.90	10.96	412.27	441.45	439.50
Springfield	38.1	37.9	38.5	8.14	8.31	8.27	310.13	314.95	318.40
Montana	40.0	38.9	38.5	10.54	10.52	10.55	421.60	409.23	406.18
Nebraska	40.3	40.3	39.8	8.82	8.90	8.84	355.45	358.67	351.83
Lincoln	39.8	40.0	40.3	9.08	9.37	9.26	361.38	374.80	373.18
Omaha	41.1	39.9	40.4	9.11	9.30	9.32	374.42	371.07	376.53

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. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^p
Nevada	40.3	39.1	40.2	\$9.19	\$9.37	\$9.21	\$370.36	\$366.37	\$370.24
Las Vegas	40.9	39.3	40.8	11.03	11.05	11.75	451.13	434.27	479.40
New Hampshire	40.8	40.8	41.0	7.56	7.97	8.09	308.45	325.18	331.69
Manchester	39.5	40.1	40.0	7.23	7.72	7.76	285.59	309.57	310.40
Nashua	41.9	40.7	41.6	9.04	9.56	9.74	378.78	389.09	405.18
New Jersey	41.5	41.4	41.5	9.22	9.43	9.49	382.63	390.40	393.84
Atlantic City	39.3	33.3	33.6	7.39	8.67	8.63	321.90	288.71	289.97
Camden	40.7	40.3	40.2	9.21	9.53	9.61	374.85	384.06	386.32
Hackensack	41.4	41.3	41.2	8.20	8.65	8.63	339.48	357.25	355.56
Jersey City	40.6	40.0	40.4	8.71	8.76	8.77	353.63	350.40	354.31
New Brunswick-Perth Amboy-Sayreville	43.0	41.6	42.1	10.05	10.17	10.28	432.15	423.07	432.79
Newark	41.6	42.0	42.0	9.36	9.84	9.91	389.38	413.28	416.22
Paterson-Clifton-Passaic	41.8	42.3	42.5	9.00	9.48	9.61	376.20	401.00	408.43
Trenton	42.1	41.6	41.7	9.32	10.10	10.08	392.37	420.16	420.34
New Mexico	40.2	40.1	40.6	7.78	7.88	8.15	312.76	315.99	330.89
Albuquerque	40.3	40.0	40.1	7.55	7.77	8.11	304.27	310.80	325.21
New York	40.1	40.0	40.2	9.01	9.29	9.33	361.30	371.60	375.07
Albany-Schenectady-Troy	41.4	40.8	39.9	9.27	9.72	9.75	383.78	396.58	389.03
Binghamton	41.1	40.9	41.3	8.04	8.12	8.14	330.44	332.11	336.18
Buffalo	42.3	41.9	42.0	11.38	11.60	11.77	481.37	486.04	494.34
Elmira	40.8	41.3	41.7	8.87	9.04	9.10	361.90	373.35	379.47
Glens Falls	41.4	40.7	40.1	8.88	9.47	9.50	367.63	385.43	380.95
Monroe County	42.6	43.1	43.0	11.82	11.98	11.98	503.53	516.34	515.14
Nassau-Suffolk	40.3	41.0	40.8	8.93	9.13	9.26	359.88	374.33	377.81
Newburgh-Middletown	39.0	38.7	40.1	6.70	7.07	7.03	261.30	273.61	281.90
New York-Northeastern New Jersey	39.9	63.2	68.7	8.83	5.25	4.85	352.05	331.80	333.20
New York and Nassau-Suffolk	38.1	38.2	38.7	8.37	8.66	8.71	318.90	330.81	337.08
New York SMSA	37.5	37.3	38.0	8.19	8.49	8.51	307.13	316.68	323.38
New York City	37.2	36.9	37.7	8.08	8.42	8.41	300.58	310.70	317.06
Poughkeepsie	43.5	43.2	43.6	8.76	8.47	8.43	381.06	365.90	367.55
Rochester	42.6	42.7	42.6	10.93	11.01	11.05	465.62	470.13	470.73
Rockland County	41.1	39.9	40.2	9.26	9.60	9.53	380.59	383.04	383.11
Syracuse	42.1	41.8	41.4	10.17	10.57	10.59	428.16	441.83	438.43
Utica-Rome	40.6	41.3	41.4	8.38	8.44	8.63	340.23	348.57	357.28
Westchester County	38.4	41.0	40.9	8.77	8.82	9.08	336.77	361.62	371.37
North Carolina	41.0	39.8	39.9	6.80	7.08	7.15	278.80	281.78	285.29
Asheville	40.9	40.9	42.1	6.69	7.17	7.17	273.62	293.25	301.86
Charlotte-Gastonia	42.0	40.2	40.5	6.68	7.06	7.11	280.56	283.81	287.96
Greensboro-Winston-Salem-High Point	39.8	39.5	40.3	7.57	7.75	7.95	301.29	306.13	320.39
Raleigh-Durham	42.7	41.8	41.4	8.19	8.14	8.33	349.71	340.25	344.86
North Dakota	38.9	38.7	38.3	7.82	7.85	7.88	304.20	303.80	301.80
Fargo-Moorhead	38.5	37.7	36.3	8.31	8.17	8.29	319.94	308.01	300.93
Ohio	42.5	42.0	42.6	10.77	10.99	11.11	457.73	461.58	473.29
Akron	44.0	42.8	44.1	10.85	10.89	10.93	477.40	466.09	482.01
Canton	40.7	40.4	40.7	10.84	10.82	10.80	441.19	437.13	439.56
Cincinnati	42.0	41.8	42.8	10.34	10.64	10.81	434.28	444.75	462.67
Cleveland	41.8	42.0	42.5	10.62	10.90	11.08	443.92	457.80	470.90
Columbus	41.6	40.7	42.1	10.14	10.29	10.59	421.82	418.80	445.84
Dayton	42.8	42.1	43.1	10.91	11.04	11.15	466.95	464.78	480.57
Toledo	44.5	44.1	44.2	11.57	11.84	11.85	514.87	522.14	523.77
Youngstown-Warren	43.6	42.7	42.2	12.54	12.86	12.79	546.74	549.12	539.74
Oklahoma	41.8	41.6	42.2	9.61	9.71	10.09	401.70	403.94	425.80
Oklahoma City	42.9	41.0	43.3	10.52	10.18	10.57	451.31	417.38	457.68
Tulsa	41.8	41.3	40.8	10.18	10.36	10.65	425.52	427.87	434.52
Oregon	38.9	38.8	38.5	10.31	10.26	10.42	401.06	398.09	401.17
Eugene-Springfield	38.3	37.8	38.4	10.58	10.56	10.84	405.21	399.17	416.26
Medford	39.3	39.5	37.8	9.58	9.92	9.86	376.49	391.84	372.71
Portland	40.0	39.2	39.3	10.59	10.51	10.52	423.60	411.99	413.44
Salem	35.5	37.9	35.4	8.81	8.02	8.70	312.76	303.96	307.98

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. 1983	Oct. 1984	Nov. 1984 ^a	Nov. 1983	Oct. 1984	Nov. 1984 ^a	Nov. 1983	Oct. 1984	Nov. 1984 ^a
Pennsylvania	40.2	40.0	40.8	\$9.13	\$9.39	\$9.48	\$367.03	\$375.60	\$386.78
Allentown-Bethlehem-Easton	38.7	39.5	40.1	9.60	10.11	10.23	371.52	399.35	410.22
Altoona	40.0	39.6	39.4	8.02	8.18	8.26	320.80	323.93	325.44
Delaware Valley	40.3	40.3	40.9	9.51	9.80	9.83	383.25	394.94	402.05
Erie	42.1	42.7	42.6	9.87	10.00	10.08	415.53	427.00	429.41
Harrisburg	40.6	40.2	40.4	8.72	9.09	9.09	354.03	365.42	367.24
Johnstown	37.6	35.4	36.7	8.32	8.07	8.45	312.83	285.68	310.12
Lancaster	40.4	40.0	40.4	8.43	8.75	8.78	340.57	350.00	354.71
Northeast Pennsylvania	37.4	37.2	37.8	7.42	7.81	7.81	277.51	290.53	295.22
Philadelphia SMSA	40.3	40.3	40.8	9.53	9.75	9.79	384.06	392.93	399.43
Pittsburgh	40.6	40.6	40.8	10.90	10.99	11.12	442.54	446.19	453.70
Reading	42.0	39.8	41.2	9.23	9.53	9.68	367.66	379.29	398.82
Williamsport	39.1	38.9	39.9	8.12	8.16	8.29	317.49	317.42	330.77
York	42.1	41.5	41.8	8.27	8.66	8.67	348.17	359.39	362.41
Rhode Island	39.5	39.7	39.6	7.05	7.16	7.26	278.48	284.25	287.50
Providence-Warwick-Pawtucket	39.6	39.2	39.5	6.97	7.06	7.13	276.01	276.75	281.64
South Carolina	41.5	40.9	41.0	7.15	7.35	7.41	296.72	300.62	303.81
Charleston-North Charleston	42.2	41.6	41.7	8.62	8.83	8.80	363.76	367.33	366.96
Columbia	40.2	40.7	40.3	6.96	7.28	7.37	279.79	296.30	297.01
Greenville-Spartanburg	41.0	40.2	40.3	6.77	7.16	7.24	277.57	287.83	291.77
South Dakota	42.6	42.4	42.4	7.03	7.20	7.26	299.48	305.28	307.82
Sioux Falls	49.2	46.3	48.4	7.15	7.09	6.87	351.78	328.27	332.51
Tennessee	41.0	40.7	40.9	7.62	7.89	7.91	312.42	321.12	323.52
Chattanooga	41.5	42.5	41.1	7.24	7.40	7.40	300.46	314.50	304.14
Knoxville	41.1	40.5	41.0	8.97	9.26	9.23	368.67	375.03	378.43
Memphis	41.1	40.4	40.2	8.01	8.41	8.40	329.21	339.76	337.68
Nashville-Davidson	41.8	41.6	41.7	8.38	9.19	9.18	350.28	382.30	382.81
Texas	41.6	41.4	41.6	9.01	9.13	9.19	374.82	377.98	382.30
Dallas-Fort Worth	41.8	41.2	41.3	8.85	8.89	8.77	369.93	366.27	362.20
Houston	42.8	43.3	44.0	10.81	10.97	11.05	462.67	475.00	486.20
San Antonio	41.8	40.2	41.4	6.75	6.80	6.75	282.15	273.36	279.45
Utah	40.6	39.8	40.4	8.66	9.07	9.24	351.60	360.99	373.30
Salt Lake City-Ogden	41.8	40.0	40.4	8.48	8.92	8.98	354.46	356.80	362.79
Vermont	40.4	40.9	40.6	7.78	8.14	8.16	314.31	332.93	331.30
Burlington	41.8	42.9	42.5	8.55	8.98	9.03	357.39	385.24	383.78
Springfield	39.8	42.3	41.3	7.91	8.26	8.23	314.82	349.40	339.90
Virginia	40.9	40.1	40.4	8.01	8.19	8.25	327.61	328.42	333.30
Bristol	39.8	41.3	39.3	6.49	6.88	6.91	258.30	284.14	271.56
Charlottesville	39.0	38.4	38.6	6.82	6.99	6.86	265.98	268.42	264.80
Danville	39.7	39.9	39.4	7.17	7.35	7.39	284.65	293.27	291.17
Lynchburg	40.2	40.4	39.5	7.51	7.71	7.78	301.90	311.48	307.31
Norfolk-Virginia Beach-Portsmouth	43.1	41.6	42.7	8.35	8.58	8.73	359.89	356.93	372.77
Northern Virginia	40.8	40.7	41.7	8.76	8.61	8.61	357.41	350.43	359.04
Petersburg-Colonial Heights-Hopewell	39.8	43.0	43.0	10.07	10.22	10.34	400.79	439.46	444.62
Richmond	39.8	40.5	41.2	10.23	10.69	10.86	407.15	432.95	447.43
Roanoke	41.5	41.4	42.2	7.14	7.45	7.49	296.31	308.43	316.08
Washington	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
West Virginia	40.4	40.0	39.8	9.91	9.96	10.14	400.36	398.40	403.57
Charleston	42.7	42.6	43.0	11.93	12.67	12.44	509.41	539.74	534.92
Huntington-Ashland	40.0	38.6	40.2	11.36	11.63	11.37	454.40	448.92	457.07
Parkersburg-Marietta	41.7	41.3	40.3	11.70	11.05	11.24	487.89	456.37	452.97
Wheeling	40.3	41.0	40.4	11.35	10.91	11.83	457.41	447.31	477.93

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. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^p	Nov. 1983	Oct. 1984	Nov. 1984 ^p
Wisconsin	41.5	40.6	40.2	\$10.02	\$9.94	\$10.03	\$415.83	\$403.56	\$403.21
Appleton-Oshkosh	43.0	42.3	42.3	9.63	9.80	9.86	414.09	414.54	417.08
Eau Claire	41.6	42.2	41.5	9.62	10.07	9.87	400.19	424.95	409.60
Green Bay	42.1	41.1	40.8	10.53	10.49	10.69	443.31	431.14	436.15
Janesville-Beloit	41.2	38.1	38.4	10.90	10.38	11.57	449.08	395.48	444.29
Kenosha	42.5	39.2	38.7	12.15	11.57	11.81	516.38	453.54	457.05
La Crosse	39.2	39.0	38.8	9.04	8.80	8.81	354.37	343.20	341.83
Madison	39.1	41.0	40.2	9.12	9.34	9.31	356.59	382.94	374.26
Milwaukee	41.6	40.8	40.1	11.11	11.27	11.28	462.18	459.82	452.33
Racine	41.6	39.9	39.0	10.39	10.72	10.78	432.22	427.73	420.42
Sheboygan	39.3	40.3	39.5	9.52	9.65	9.70	374.14	388.89	383.15
Wausau	42.7	41.6	42.5	9.20	9.52	9.45	392.84	396.03	401.63
Wyoming	37.1	41.6	41.0	8.86	8.86	8.80	328.71	368.58	360.80
Puerto Rico	39.8	38.1	39.7	4.87	5.02	5.05	193.83	191.26	200.48
Virgin Islands	44.4	42.7	42.5	10.82	8.84	8.91	480.41	377.47	378.67

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 1983

benchmarks except Gary-Hammond-East Chicago and Indianapolis, Indiana; New York-Northeastern New Jersey, New York; Wisconsin and Idaho. Idaho data have been adjusted to March 1984 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. 1984 ^r	Nov. 1984 ^r	Dec. 1984 ^p	Dec. 1983 to Dec. 1984 ^p	Oct. 1984 to Nov. 1984 ^r	Nov. 1984 to Dec. 1984 ^p
Total	178,393	177,358	179,618	4.0	-0.6	1.3
Private sector	146,207	147,042	147,860	4.7	.6	.6
Mining	2,242	2,265	2,255	4.3	1.0	-.5
Construction	8,556	8,637	8,665	11.1	.9	.3
Manufacturing	41,114	41,166	41,527	3.6	.1	.9
Durable goods	24,875	24,887	25,149	5.4	.0	1.1
Nondurable goods	16,240	16,280	16,378	.9	.2	.6
Transportation and public utilities	10,689	10,736	10,790	4.0	.4	.5
Wholesale trade	11,258	11,274	11,363	5.5	.1	.8
Retail trade	25,491	25,874	25,851	3.3	1.5	-.1
Finance, insurance, and real estate	10,836	10,879	11,007	5.1	.4	1.2
Services	36,023	36,212	36,402	5.4	.5	.5
Government	32,186	30,316	31,757	.9	-5.8	4.8

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 2134-1, chapter 13, Productivity Measures: Business Economy and Major Sectors. SOURCE: Office of Productivity and Technology (202 523 9261).

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

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

(1977 = 100)

Item	Annual average		Quarterly index										
	1982	1983	1982				1983				1984		
			I	II	III	IV	I	II	III	IV	I	II	III
Business sector													
Output per hour of all persons	100.9	103.7	100.9	100.3	100.9	101.6	102.2	103.6	104.3	104.7	105.7	107.0	107.3
Output	106.3	111.0	107.1	106.4	106.1	105.8	106.9	110.1	112.5	114.7	117.8	121.0	121.6
Hours	105.4	107.1	106.1	106.1	105.1	104.1	104.7	106.2	107.9	109.5	111.4	113.0	113.3
Compensation per hour	155.0	161.7	151.4	153.9	156.7	158.4	160.2	161.0	161.8	164.2	166.7	167.5	169.4
Real compensation per hour	97.3	98.4	96.9	97.2	97.3	98.0	99.0	98.5	98.0	98.4	98.6	98.2	98.4
Unit labor costs	153.6	156.0	150.0	153.4	155.3	155.9	156.8	155.4	155.1	156.8	157.7	156.5	157.9
Unit nonlabor payments	136.8	145.5	138.0	137.0	135.8	136.5	139.8	144.6	147.9	149.1	151.6	157.2	158.3
Implicit price deflator	147.9	152.4	145.9	147.9	148.7	149.3	151.0	151.7	152.7	154.2	155.6	156.7	158.0
Nonfarm business sector													
Output per hour of all persons	100.0	103.4	99.8	99.4	100.3	100.5	101.6	103.6	104.1	104.4	105.2	106.6	106.4
Output	105.9	111.2	106.4	106.0	106.0	105.2	106.7	110.4	112.7	115.2	118.0	121.0	121.3
Hours	106.0	107.5	106.7	106.7	105.7	104.7	105.1	106.5	108.2	110.3	112.3	113.6	114.1
Compensation per hour	154.5	162.0	151.0	153.2	156.0	157.9	160.1	161.5	162.4	164.0	166.5	168.0	169.5
Real compensation per hour	97.0	98.6	96.7	96.8	96.9	97.7	99.0	98.8	98.3	98.2	98.5	98.5	98.5
Unit labor costs	154.5	156.6	151.4	154.2	155.6	157.1	157.6	155.9	157.1	158.3	157.6	159.4	159.4
Unit nonlabor payments	136.9	147.0	136.9	137.5	136.8	136.4	140.6	146.4	149.4	151.4	152.2	156.8	157.8
Implicit price deflator	148.6	153.4	146.5	148.6	149.3	150.2	151.9	152.7	153.8	155.2	156.3	157.3	158.8
Manufacturing													
Output per hour of all persons	107.1	111.6	105.5	106.3	108.8	107.8	109.1	110.8	113.4	113.1	114.2	115.3	117.5
Output	99.3	104.4	100.6	100.0	99.7	96.7	98.4	102.4	107.2	109.6	113.0	115.4	117.5
Hours	92.7	93.5	95.4	94.1	91.7	89.6	90.2	92.4	94.6	96.9	98.9	100.1	100.0
Compensation per hour	158.0	163.4	154.3	157.2	159.8	161.0	162.7	163.0	163.5	164.6	167.1	168.3	169.9
Real compensation per hour	99.2	99.4	98.8	99.4	99.2	99.6	100.6	99.7	99.0	98.6	98.9	98.7	98.7
Unit labor costs	147.6	146.4	146.2	148.0	146.9	149.3	149.1	147.0	144.1	145.5	146.4	146.0	144.5
Durable goods													
Output per hour of all persons	105.6	111.5	103.6	104.7	107.6	106.6	108.5	110.8	113.5	113.1	115.1	116.0	118.3
Output	97.1	102.6	99.3	98.3	97.4	93.2	95.6	100.1	105.7	109.0	113.9	116.5	119.4
Hours	91.9	92.0	95.9	93.9	90.5	87.4	88.1	90.4	93.2	96.4	98.9	100.4	100.9
Compensation per hour	157.6	162.5	153.7	156.8	159.7	160.7	162.2	162.2	162.5	163.4	165.8	167.0	168.0
Real compensation per hour	99.0	98.9	98.5	99.1	99.2	99.4	100.3	99.2	98.4	97.8	98.1	97.9	97.7
Unit labor costs	149.3	145.8	148.4	149.7	148.4	150.7	149.5	146.5	143.2	144.4	144.0	144.0	142.0
Nondurable goods													
Output per hour of all persons	109.2	111.9	108.5	108.5	110.4	109.6	110.0	110.9	113.3	113.2	112.8	114.3	116.2
Output	102.5	107.1	102.6	102.5	103.1	101.9	102.6	105.7	109.5	110.5	111.7	113.8	114.7
Hours	93.9	95.7	94.6	94.4	93.4	93.0	93.3	95.3	96.6	97.6	99.0	99.5	98.6
Compensation per hour	159.0	165.6	154.9	158.0	160.5	162.7	164.5	165.1	165.7	167.1	169.5	170.6	172.7
Real compensation per hour	99.8	100.7	99.2	99.9	99.7	100.7	101.7	101.0	100.3	100.1	100.3	100.0	100.3
Unit labor costs	145.6	148.0	142.8	145.6	145.4	148.5	149.6	148.8	146.2	147.6	150.2	149.2	148.5
Nonfinancial corporations¹													
Output per all-employee hour	102.6	106.1	102.2	102.1	103.3	103.2	104.0	105.8	107.2	107.2	108.1	108.9	108.3
Output	107.7	112.6	108.7	108.0	107.9	106.4	107.5	111.4	114.7	117.0	120.2	123.1	123.3
Hours	105.0	106.2	106.4	105.8	104.5	103.1	103.4	105.2	106.9	109.2	111.2	113.1	113.8
Compensation per hour	154.6	161.0	151.1	153.5	156.2	157.7	159.2	160.6	161.8	162.6	164.8	165.8	167.2
Real compensation per hour	97.0	97.9	96.7	97.0	97.0	97.5	98.4	98.2	98.0	97.4	97.5	97.2	97.2
Total unit costs	154.3	155.2	151.5	154.0	154.7	157.0	156.7	155.2	154.4	154.7	155.0	155.0	157.2
Unit labor costs	150.6	151.8	147.9	150.3	151.3	152.9	153.1	151.7	150.9	151.7	152.5	152.3	154.4
Unit nonlabor costs	164.8	164.9	161.6	164.3	164.4	168.8	167.0	165.1	164.4	163.3	162.0	162.8	165.2
Unit profits	84.6	117.2	89.4	86.8	86.6	75.6	92.5	111.8	126.6	135.9	143.2	151.1	146.5
Implicit price deflator	146.3	150.9	144.3	146.3	146.9	147.7	149.4	150.2	151.2	152.6	153.6	154.6	156.0

¹ Measures for the third quarter of 1984 are preliminary.

SOURCE: Office of Productivity and Technology (202 523 9261).

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

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

Item	Percent change from											
	Previous quarter						Same quarter, previous year					
	II 1983	III 1983	IV 1983	I 1984	II 1984	III 1984	II 1983	III 1983	IV 1983	I 1984	II 1984	III 1984
Business sector												
Output per hour of all persons	5.9	2.8	1.4	4.0	4.9	0.9	3.3	3.4	3.1	3.5	3.3	2.8
Output	12.4	9.3	7.8	11.4	11.2	2.0	3.4	6.1	8.4	10.2	9.9	8.0
Hours	6.1	6.4	6.2	7.2	6.0	1.1	.1	2.6	5.2	6.5	6.4	5.1
Compensation per hour	2.2	2.0	6.1	6.2	1.9	4.5	4.6	3.3	3.7	4.1	4.0	4.7
Real compensation per hour	-2.1	-2.1	1.6	1.2	-1.8	.9	1.3	.7	.3	-.4	-.3	.5
Unit labor costs	-3.5	-.8	4.6	2.1	-2.9	3.6	1.3	-.1	.6	.6	.7	1.8
Unit nonlabor payments	14.5	9.5	3.1	7.0	15.4	2.8	5.5	8.9	9.2	8.4	8.7	7.0
Implicit price deflator	1.9	2.5	4.1	3.7	2.9	3.3	2.6	2.7	3.3	3.0	3.3	3.5
Nonfarm business sector												
Output per hour of all persons	8.1	2.1	1.0	2.9	5.5	-.7	4.3	3.9	3.9	3.5	2.9	2.2
Output	14.3	8.7	9.1	10.3	10.6	1.0	4.1	6.3	9.5	10.6	9.7	7.7
Hours	5.7	6.5	8.0	7.2	4.8	1.7	-.2	2.3	5.4	6.9	6.6	5.4
Compensation per hour	3.5	2.2	4.1	6.1	3.7	3.8	5.4	4.1	3.9	4.0	4.0	4.4
Real compensation per hour	-.8	-1.9	-.3	1.0	.0	.2	2.0	1.5	.6	-.5	-.3	.2
Unit labor costs	-4.2	.1	3.0	3.1	-1.7	4.5	1.1	.2	.0	.4	1.1	2.2
Unit nonlabor payments	17.8	8.4	5.3	2.3	12.5	2.5	6.5	9.2	10.9	8.3	7.1	5.6
Implicit price deflator	2.2	2.7	3.7	2.8	2.8	3.8	2.8	3.0	3.3	2.9	3.0	3.3
Manufacturing												
Output per hour of all persons	6.4	9.7	-1.0	3.7	4.0	7.8	4.3	4.3	4.9	4.7	4.1	3.6
Output	17.1	20.5	9.1	12.9	8.9	7.5	2.4	7.6	13.4	14.8	12.7	9.6
Hours	10.0	9.8	10.2	8.8	4.6	-.3	-1.8	3.1	8.1	9.7	8.3	5.8
Compensation per hour .....	.6	1.3	2.9	6.2	2.9	3.6	3.6	2.3	2.2	2.7	3.3	3.9
Real compensation per hour	-3.5	-2.8	-1.5	1.1	-.8	.1	.3	-.3	-1.0	-1.7	-1.0	-.3
Unit labor costs	-5.5	-7.7	3.9	2.3	-1.1	-3.8	-.6	-1.9	-2.6	-1.9	-.7	.3
Durable goods												
Output per hour of all persons	8.7	10.2	-1.2	7.2	3.1	8.4	5.7	5.5	6.1	6.1	4.7	4.3
Output	20.5	24.2	13.2	18.9	9.5	10.5	1.8	8.5	17.0	19.2	16.3	13.0
Hours	10.9	12.8	14.6	10.9	6.2	2.0	-3.7	2.9	10.3	12.3	11.1	8.3
Compensation per hour .....	.1	.8	2.1	6.1	2.8	2.6	3.4	1.8	1.7	2.2	2.9	3.4
Real compensation per hour	-4.1	-3.2	-2.3	1.1	-.8	-.9	.1	-.8	-1.6	-2.2	-1.3	-.7
Unit labor costs	-7.9	-8.5	3.3	-1.0	-.2	-5.3	-2.2	-3.5	-4.2	-3.7	-1.7	-.9
Nondurable goods												
Output per hour of all persons	3.4	9.0	-.6	-1.3	5.5	6.8	2.2	2.7	3.3	2.6	3.1	2.6
Output	12.5	15.3	3.4	4.4	8.0	3.0	3.1	6.2	8.4	8.8	7.7	4.7
Hours	8.8	5.8	4.0	5.8	2.4	-3.6	.9	3.5	4.9	6.1	4.5	2.1
Compensation per hour	1.4	1.4	3.4	5.8	2.7	4.9	4.5	3.2	2.7	3.0	3.3	4.2
Real compensation per hour	-2.8	-2.6	-1.0	.8	-1.0	1.3	1.1	.6	-.6	-1.4	-.9	.0
Unit labor costs	-1.9	-7.0	4.0	7.2	-2.6	-1.8	2.2	.6	-.6	.4	.2	1.6
Nonfinancial corporations¹												
Output per all-employee hour	7.5	5.3	-.2	3.6	2.8	-2.1	3.7	3.8	3.9	4.0	2.9	1.0
Output	15.1	12.4	8.4	11.6	9.8	.6	3.1	6.3	10.0	11.8	10.5	7.5
Hours	7.1	6.7	8.6	7.7	6.8	2.7	-.6	2.4	5.9	7.5	7.5	6.4
Compensation per hour	3.5	3.1	2.0	5.7	2.4	3.3	4.6	3.6	3.1	3.6	3.3	3.3
Real compensation per hour	-.8	-1.0	-2.4	.7	-1.3	-.3	1.3	1.0	-.2	-.9	-1.0	-.8
Total unit costs	-3.9	-2.0	.8	.6	.2	5.7	.8	-.2	-1.5	-1.1	-.1	1.8
Unit labor costs	-3.7	-2.1	2.1	2.0	-.4	5.5	.9	-.2	-.8	-.4	.4	2.3
Unit nonlabor costs	-4.5	-1.7	-2.6	-3.2	2.0	6.2	.5	.0	-3.2	-3.0	-1.4	.5
Unit profits	112.8	64.8	32.6	23.4	23.8	-11.7	28.7	46.3	79.8	54.8	35.2	15.7
Implicit price deflator	2.3	2.8	3.6	2.7	2.6	3.6	2.7	3.0	3.3	2.8	2.9	3.1

¹ Measures for the third quarter of 1984 are preliminary.

SOURCE: Office of Productivity and Technology (202 523 9261).

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P
Alabama	1,752.2	1,799.8	1,798.2	201.9	192.8	198.6	11.5	10.7	11.0
Birmingham	387.6	392.9	393.4	43.2	37.6	37.4	11.1	9.6	9.5
Huntsville	161.2	170.7	170.7	14.3	13.7	13.5	8.9	8.0	7.9
Mobile	195.2	201.4	201.5	25.2	23.8	23.6	12.9	11.8	11.7
Montgomery	130.2	132.3	132.6	13.2	11.3	11.9	10.2	8.5	9.0
Tuscaloosa	56.5	58.6	58.9	5.9	5.6	5.6	10.5	9.5	9.5
Alaska	228.5	243.7	241.0	23.1	23.3	25.3	10.1	9.6	10.5
Arizona	1,399.4	1,461.8	1,477.4	100.9	61.7	59.9	7.2	4.2	4.1
Phoenix	875.2	929.8	943.2	49.8	29.8	28.9	5.7	3.2	3.1
Tucson	259.1	268.7	270.3	18.4	10.9	10.2	7.1	4.0	3.8
Arkansas	1,031.4	1,059.2	1,023.7	85.6	88.5	88.1	8.3	8.4	8.6
Fayetteville-Springdale	87.5	87.4	85.9	4.9	4.3	4.5	5.6	4.9	5.2
Fort Smith	90.9	93.3	91.8	7.6	8.0	8.1	8.4	8.6	8.8
Little Rock-North Little Rock	200.9	203.1	198.3	13.6	13.0	11.8	6.8	6.4	6.0
Pine Bluff	38.4	38.7	37.3	3.2	3.4	3.2	8.2	8.8	8.4
California¹	12,449.1	12,754.4	12,753.1	1,024.4	888.3	909.3	8.2	7.0	7.1
Anaheim-Santa Ana-Garden Grove	1,244.1	1,295.2	1,306.3	64.9	49.9	49.8	5.2	3.8	3.8
Bakersfield	220.8	218.4	218.6	29.8	24.9	25.4	13.5	11.4	11.6
Fresno	286.4	300.7	291.1	40.2	33.4	37.5	14.0	11.1	12.9
Los Angeles-Long Beach	3,830.0	3,925.0	3,926.0	297.0	301.0	280.0	7.8	7.7	7.1
Modesto	139.1	140.1	139.8	22.8	17.7	20.7	16.4	12.7	14.8
Oxnard-Simi Valley-Ventura	269.2	269.8	270.5	25.4	21.6	21.8	9.4	8.0	8.1
Riverside-San Bernardino-Ontario	648.4	661.0	668.8	61.1	51.1	51.0	9.4	7.7	7.6
Sacramento	537.4	544.1	546.3	48.2	38.0	41.4	9.0	7.0	7.6
Salinas-Seaside-Monterey	148.5	152.3	151.3	17.3	11.9	16.0	11.7	7.8	10.6
San Diego	870.2	898.9	904.5	59.8	48.7	48.5	6.9	5.4	5.4
San Francisco-Oakland	1,780.7	1,793.7	1,799.0	117.2	96.7	96.4	6.6	5.4	5.4
San Jose	866.2	892.6	895.1	51.1	39.5	38.6	5.9	4.4	4.3
Santa Barbara-Santa Maria-Lompoc	165.8	168.5	168.9	11.2	9.1	10.0	6.7	5.4	5.9
Santa Rosa	153.1	158.0	156.8	11.3	8.5	9.7	7.3	5.4	6.2
Stockton	172.8	184.9	174.3	26.0	19.9	24.3	15.1	10.7	14.0
Vallejo-Fairfield-Napa	143.5	147.3	146.0	13.7	11.1	11.9	9.6	7.6	8.2
Colorado	1,672.7	1,752.5	1,747.7	92.1	98.1	96.8	5.5	5.6	5.5
Denver-Boulder	1,006.3	1,047.1	1,048.1	47.9	52.0	50.9	4.8	5.0	4.9
Connecticut	1,620.0	1,686.0	1,694.4	77.4	70.0	74.1	4.8	4.2	4.4
Bridgeport	193.1	195.8	197.0	10.4	9.1	9.9	5.4	4.7	5.0
Hartford	389.1	405.4	407.3	17.4	16.0	16.5	4.5	3.9	4.0
New Britain	69.6	72.5	72.8	3.8	3.5	3.8	5.4	4.9	5.3
New Haven-West Haven	202.3	214.5	215.5	10.6	9.0	9.6	5.2	4.2	4.5
Stamford	124.9	129.0	129.3	4.4	3.5	3.5	3.5	2.7	2.7
Waterbury	105.4	107.6	108.8	5.8	5.0	5.6	5.5	4.6	5.2
Delaware	300.0	306.9	308.6	20.7	17.1	18.3	6.9	5.6	5.9
Wilmington	266.5	268.7	270.4	18.6	15.4	15.9	7.0	5.7	5.9
District of Columbia	321.9	327.0	330.3	34.5	27.9	27.3	10.7	8.5	8.3
Washington SMSA	1,802.9	1,880.9	1,892.5	82.4	78.5	72.0	4.6	4.2	3.8
Florida¹	5,048.8	5,139.4	5,144.2	406.8	360.5	320.2	8.1	7.0	6.2
Daytona Beach	125.8	126.6	126.4	8.8	6.9	6.4	7.0	5.4	5.1
Fort Lauderdale-Hollywood	527.4	535.7	537.2	34.6	30.2	25.8	6.6	5.6	4.8
Fort Myers-Cape Coral	110.8	114.8	116.1	7.3	6.2	5.7	6.5	5.4	4.9
Gainesville	86.2	87.2	87.0	4.1	3.5	3.1	4.8	4.0	3.6
Jacksonville	378.2	383.9	382.3	30.8	25.1	21.7	8.2	6.5	5.7
Lakeland-Winter Haven	153.6	150.9	151.7	22.2	21.1	18.1	14.4	14.0	11.9
Melbourne-Titusville-Cocoa	142.4	147.3	147.5	10.5	8.3	7.2	7.4	5.6	4.9
Miami	872.7	880.3	873.7	81.6	77.3	63.9	9.4	8.8	7.3
Orlando	439.9	449.8	449.5	30.3	25.7	23.1	6.9	5.7	5.1
Pensacola	137.3	140.3	143.8	10.1	9.2	12.8	7.3	6.6	8.9
Sarasota	93.3	92.2	92.3	4.7	4.4	3.8	5.1	4.8	4.1
Tallahassee	93.5	94.1	94.3	4.3	3.8	3.6	4.6	4.1	3.8
Tampa-St. Petersburg	794.3	800.0	798.6	54.9	43.0	39.9	6.9	5.4	5.0
West Palm Beach-Boca Raton	311.3	327.0	330.1	23.8	24.5	19.0	7.7	7.5	5.8

See footnotes at end of table.

STATE AND AREA LABOR FORCE DATA
NOT SEASONALLY ADJUSTED

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P
Georgia	2,731.4	2,820.3	2,790.7	177.7	164.9	156.0	6.5	5.8	5.6
Albany	53.3	53.3	52.4	4.8	4.7	3.9	9.1	8.9	7.5
Athens	68.3	67.3	66.8	3.7	3.1	3.4	5.4	4.6	5.1
Atlanta	1,151.1	1,185.6	1,180.9	63.1	54.7	50.4	5.5	4.6	4.3
Augusta	138.0	134.1	134.1	11.8	9.0	8.5	8.6	6.7	6.3
Columbus	90.0	92.1	93.7	7.0	7.1	8.2	7.8	7.7	8.8
Macon	110.9	109.0	108.2	7.8	7.3	7.3	7.1	6.7	6.7
Savannah	99.7	99.6	98.7	7.6	7.4	6.8	7.7	7.4	6.9
Hawaii	473.5	473.1	472.9	29.6	30.0	26.9	6.3	6.3	5.7
Honolulu	362.7	360.6	361.8	21.1	21.3	19.2	5.8	5.9	5.3
Idaho	454.5	465.3	452.4	37.9	24.3	28.8	8.3	5.2	6.4
Boise City	97.3	98.9	99.5	6.3	3.9	4.5	6.5	4.0	4.5
Illinois ¹	5,562.9	5,612.0	5,640.5	515.1	492.0	456.1	9.3	8.8	8.1
Bloomington-Normal	64.6	66.9	67.4	4.0	3.8	4.0	6.1	5.7	5.9
Champaign-Urbana-Rantoul	88.7	88.3	89.3	5.0	4.2	4.5	5.6	4.8	5.0
Chicago	3,445.9	3,468.2	3,493.6	291.7	288.4	258.1	8.5	8.3	7.4
Davenport-Rock Island-Moline	186.1	184.3	185.4	22.5	19.6	22.0	12.1	10.6	11.9
Decatur	62.3	61.5	62.1	7.1	5.6	5.5	11.4	9.1	8.9
Kankakee	41.3	41.0	40.6	5.6	5.0	4.7	13.6	12.2	11.5
Peoria	167.3	166.5	166.2	21.6	16.0	14.8	12.9	9.6	8.9
Rockford	137.1	139.5	140.0	18.6	12.4	11.6	13.6	8.9	8.3
Springfield	104.2	104.6	104.8	6.9	7.0	6.3	6.6	6.7	6.0
Indiana	2,566.7	2,643.3	2,623.8	232.4	190.9	200.1	9.1	7.2	7.6
Anderson	55.4	56.4	56.0	4.7	4.0	4.3	8.5	7.1	7.7
Elkhart	78.3	85.6	85.1	5.0	4.7	5.4	6.4	5.5	6.4
Evansville	148.3	152.1	151.1	12.8	11.6	11.7	8.6	7.6	7.7
Fort Wayne	181.7	186.5	185.9	17.3	11.2	11.7	9.5	6.0	6.3
Gary-Hammond-East Chicago	265.3	263.2	259.6	35.4	36.2	35.0	13.3	13.7	13.5
Indianapolis	605.7	620.8	616.9	49.4	35.4	35.7	8.1	5.7	5.8
Lafayette-West Lafayette	64.8	66.9	66.3	4.0	3.0	3.0	6.2	4.5	4.5
Muncie	54.9	55.1	54.8	5.2	4.3	4.5	9.5	7.8	8.2
South Bend	140.3	149.3	148.7	10.1	8.6	9.1	7.2	5.8	6.1
Terre Haute	80.2	82.3	81.4	8.4	6.1	6.3	10.4	7.4	7.8
Iowa	1,408.2	1,417.2	1,401.2	88.4	82.3	85.9	6.3	5.8	6.1
Cedar Rapids	83.8	81.9	82.0	5.8	5.1	4.9	6.9	6.2	5.9
Des Moines	185.6	184.6	184.9	10.8	8.9	8.4	5.8	4.8	4.6
Dubuque	42.8	42.5	42.3	3.4	3.0	3.1	8.0	7.1	7.3
Sioux City	54.7	53.8	54.0	3.5	3.0	3.2	6.4	5.5	6.0
Waterloo-Cedar Falls	65.4	62.4	62.1	6.8	6.8	6.9	10.4	11.0	11.1
Kansas	1,179.3	1,211.2	1,206.9	58.3	61.1	65.3	4.9	5.0	5.4
Lawrence	34.4	34.4	34.5	1.4	1.3	1.5	4.2	3.9	4.4
Topeka	94.1	96.7	97.2	5.7	5.8	5.7	6.1	6.0	5.9
Wichita	222.0	230.3	232.2	12.7	13.2	14.0	5.7	5.8	6.0
Kentucky	1,694.2	1,744.9	1,731.0	158.6	155.8	153.3	9.4	8.9	8.9
Lexington-Fayette	189.6	192.6	189.4	8.7	8.7	7.2	4.6	4.5	3.8
Louisville	425.7	435.1	431.1	37.5	38.8	35.8	8.8	8.9	8.3
Owensboro	45.0	46.7	46.7	3.1	4.2	4.0	6.9	9.0	8.5
Louisiana	1,901.8	1,992.9	1,964.7	203.4	198.8	191.3	10.7	10.0	9.7
Alexandria	77.1	80.0	79.1	7.5	8.1	8.2	9.7	10.1	10.3
Baton Rouge	241.9	254.4	253.0	21.5	23.0	21.9	8.9	9.0	8.7
Lafayette	94.8	99.1	98.2	7.5	6.5	5.8	7.9	6.6	6.0
Lake Charles	78.0	74.9	74.1	11.4	10.1	9.7	14.6	13.5	13.1
Monroe	58.4	60.1	60.0	6.0	5.9	5.7	10.3	9.8	9.5
New Orleans	530.1	544.6	539.9	50.8	53.2	50.5	9.6	9.8	9.4
Shreveport	170.1	174.4	172.4	17.3	13.8	13.1	10.2	7.9	7.6
Maine	529.4	540.0	528.1	38.9	26.5	28.0	7.4	4.9	5.3
Lewiston-Auburn	39.0	39.0	38.4	2.9	2.4	2.3	7.3	6.1	5.9
Portland	100.5	104.3	103.8	5.3	3.3	3.3	5.3	3.1	3.2
Maryland	2,221.1	2,279.3	2,293.9	127.0	123.6	125.9	5.7	5.4	5.5
Baltimore	1,086.9	1,107.0	1,115.4	71.8	71.3	72.7	6.6	6.4	6.5

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P
Massachusetts¹	3,044.8	3,053.6	3,075.4	169.8	104.1	104.2	5.6	3.4	3.4
Boston	1,481.4	1,487.1	1,500.4	69.9	45.4	42.0	4.7	3.1	2.8
Brockton	83.5	82.4	83.6	5.3	3.2	3.1	6.3	3.9	3.8
Fall River	79.1	77.9	78.5	8.2	3.9	4.4	7.8	5.1	5.6
Fitchburg-Leominster	51.4	51.5	53.5	3.3	1.9	2.5	6.4	3.6	4.7
Lawrence-Haverhill	150.7	147.5	148.2	9.3	6.3	6.4	6.1	4.3	4.3
Lowell	142.4	144.2	144.5	6.3	4.1	4.1	4.4	2.9	2.9
New Bedford	85.5	87.7	89.1	7.0	4.3	4.9	8.2	4.9	5.5
Pittsfield	68.4	67.2	67.7	5.7	2.8	3.0	8.4	4.1	4.5
Springfield-Chicopee-Holyoke	296.9	286.7	291.4	17.6	10.1	10.9	5.9	3.5	3.8
Worcester	198.1	190.6	191.8	10.9	6.6	6.6	5.5	3.4	3.4
Michigan¹	4,179.4	4,334.2	4,329.3	489.2	438.3	463.2	11.7	10.1	10.7
Ann Arbor	146.9	(²)	(²)	10.0	(²)	(²)	6.8	(²)	(²)
Battle Creek	77.4	(²)	(²)	9.5	(²)	(²)	12.3	(²)	(²)
Bay City	51.0	(²)	(²)	7.2	(²)	(²)	14.2	(²)	(²)
Benton Harbor	68.9	(²)	(²)	8.8	(²)	(²)	12.8	(²)	(²)
Detroit	1,910.8	(²)	(²)	225.7	(²)	(²)	11.8	(²)	(²)
Flint	217.0	(²)	(²)	28.9	(²)	(²)	13.3	(²)	(²)
Grand Rapids	327.1	(²)	(²)	31.5	(²)	(²)	9.6	(²)	(²)
Jackson	63.3	(²)	(²)	8.5	(²)	(²)	13.4	(²)	(²)
Kalamazoo-Portage	136.1	(²)	(²)	12.3	(²)	(²)	9.0	(²)	(²)
Lansing-East Lansing	243.8	(²)	(²)	20.7	(²)	(²)	8.5	(²)	(²)
Muskegon-Norton Shores-Muskegon Heights	73.4	(²)	(²)	9.8	(²)	(²)	13.4	(²)	(²)
Saginaw	96.7	(²)	(²)	11.3	(²)	(²)	11.6	(²)	(²)
Minnesota	2,176.2	2,255.2	2,244.3	145.3	121.2	135.5	6.7	5.4	6.0
Duluth-Superior	106.6	104.5	104.8	16.7	9.9	12.7	15.7	9.4	12.1
Minneapolis-St. Paul	1,196.5	1,242.0	1,242.9	63.5	54.8	55.0	5.3	4.4	4.4
Rochester	60.5	60.1	60.5	2.9	2.5	2.9	4.8	4.1	4.8
St. Cloud	78.3	82.0	81.6	7.2	5.9	6.5	9.2	7.2	8.0
Mississippi	1,054.4	1,111.3	1,099.8	108.0	118.0	121.0	10.2	10.6	11.0
Jackson	159.4	186.7	166.2	10.6	11.3	10.7	6.6	6.8	6.5
Missouri	2,333.2	2,369.6	2,331.6	192.7	139.5	139.0	8.3	5.9	6.0
Kansas City	685.9	691.5	688.2	44.1	32.8	32.6	6.4	4.7	4.7
St. Joseph	45.4	45.3	44.5	4.1	3.5	3.3	9.0	7.7	7.3
St. Louis	1,144.9	1,154.9	1,148.7	102.8	82.2	75.2	9.0	7.1	6.5
Springfield	114.7	115.0	113.5	7.4	5.3	5.2	6.5	4.6	4.6
Montana	389.4	402.3	396.4	31.0	25.1	26.2	8.0	6.2	6.6
Nebraska	787.0	796.0	793.9	37.3	33.0	33.8	4.7	4.2	4.3
Lincoln	110.0	110.7	111.4	3.9	3.3	3.1	3.5	3.0	2.8
Omaha	292.6	294.6	294.7	14.9	14.2	13.5	5.1	4.8	4.6
Nevada	490.6	506.2	507.2	40.0	39.5	41.3	8.1	7.8	8.1
Las Vegas	275.1	284.8	285.5	24.4	25.2	25.2	8.9	8.9	8.8
Reno	134.4	137.1	137.9	8.7	7.8	8.9	6.5	5.7	6.5
New Hampshire	511.6	534.7	527.1	19.9	15.1	17.8	3.9	2.8	3.4
Manchester	87.8	92.0	91.6	2.9	2.4	2.5	3.3	2.6	2.7
Nashua	89.2	94.4	94.0	2.7	2.0	2.1	3.0	2.1	2.3
New Jersey¹	3,688.0	3,771.2	3,721.8	243.1	192.0	200.2	6.6	5.1	5.4
Atlantic City	122.2	131.6	128.2	8.8	8.3	8.3	7.2	6.3	6.5
Jersey City	236.8	237.9	236.8	24.0	20.6	22.4	10.1	8.7	9.4
Long Branch-Asbury Park	252.7	270.2	266.2	16.4	12.3	12.6	6.5	4.6	4.7
New Brunswick-Perth Amboy-Sayreville	342.8	352.4	346.6	19.9	17.5	16.2	5.8	5.0	4.7
Newark	994.0	1,011.7	1,003.9	60.7	49.5	52.0	6.1	4.9	5.2
Paterson-Clifton-Passaic	218.8	224.3	221.3	18.2	15.2	16.4	8.3	6.8	7.4
Trenton	162.1	165.3	163.3	8.3	7.0	6.8	5.1	4.2	4.2
Vineland-Millville-Bridgeton	56.7	55.1	54.9	7.5	5.6	6.4	13.3	10.1	11.6
New Mexico	610.0	638.8	640.5	55.6	47.3	48.3	9.1	7.4	7.5
Albuquerque	231.1	246.5	249.5	18.9	15.9	15.8	8.2	6.5	6.3
Las Cruces	42.9	48.7	47.8	3.7	3.4	3.3	8.7	7.1	6.9

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P
New York¹	8,003.2	8,144.9	8,165.8	583.3	577.7	547.3	7.3	7.1	6.7
Albany-Schenectady-Troy	377.1	386.7	391.0	23.2	19.5	21.0	6.2	5.0	5.4
Binghamton	140.1	144.4	145.3	9.6	7.9	8.6	6.9	5.5	5.9
Buffalo	531.0	522.0	528.8	54.7	41.9	45.7	10.3	8.0	8.6
Elmira	36.8	37.5	37.9	3.1	2.9	3.3	8.3	7.8	8.8
Glens-Falls	45.7	47.0	47.0	3.9	3.2	4.0	8.5	6.7	8.5
Nassau-Suffolk	1,399.2	1,430.7	1,448.2	76.2	68.2	70.8	5.4	4.8	4.9
New York	3,607.4	3,685.9	3,664.0	271.4	324.3	266.5	7.5	8.8	7.3
New York City	2,982.0	3,050.0	3,017.0	238.0	297.0	238.0	8.0	9.7	7.9
Newburgh-Middletown	110.2	111.6	111.3	7.4	6.4	6.5	6.7	5.7	5.9
Poughkeepsie	115.9	117.8	118.9	6.1	4.4	4.5	5.3	3.7	3.8
Rochester	473.2	479.2	482.9	33.4	23.6	27.2	7.1	4.9	5.6
Syracuse	305.4	312.2	316.6	19.1	16.9	19.1	6.2	5.4	6.0
Utica-Rome	133.1	134.7	138.4	11.0	8.3	10.5	8.2	6.1	7.6
North Carolina	2,948.7	3,066.1	3,036.3	208.8	208.9	212.4	7.1	6.8	7.0
Asheville	86.5	89.0	88.2	5.8	5.7	6.2	6.7	6.4	7.0
Charlotte-Gastonia	379.2	391.3	388.3	21.6	20.9	21.3	5.7	5.4	5.5
Greensboro-Winston-Salem-High Point	446.6	461.5	457.8	26.9	27.5	26.8	6.0	6.0	5.9
Raleigh-Durham	330.4	346.7	347.6	13.1	11.5	11.8	4.0	3.3	3.4
North Dakota	304.9	323.5	310.2	14.7	14.8	16.6	4.8	4.6	5.3
Fargo-Moorehead	73.8	74.1	74.0	2.5	2.2	3.0	3.4	2.9	4.1
Ohio¹	5,146.3	5,185.0	5,105.9	564.4	473.4	454.8	11.0	9.1	8.9
Akron	309.7	307.9	303.9	35.5	28.0	27.2	11.5	9.1	9.0
Canton	189.5	187.3	185.3	25.1	18.6	19.1	13.2	10.1	10.3
Cincinnati	693.2	700.2	690.5	64.2	56.2	51.3	9.3	8.0	7.4
Cleveland	935.3	923.8	907.6	98.7	81.9	75.6	10.6	8.9	8.3
Columbus	594.7	602.9	594.2	50.5	41.8	36.9	8.5	6.9	6.5
Dayton	396.8	401.1	394.7	36.5	29.4	27.5	9.2	7.3	7.0
Toledo	381.3	(²)	(²)	43.8	(²)	(²)	11.5	(²)	(²)
Youngstown-Warren	227.9	223.4	221.8	32.7	27.1	27.8	14.4	12.1	12.5
Oklahoma	1,525.3	1,591.4	1,571.7	116.0	110.8	106.6	7.6	7.0	6.8
Enid	32.1	32.0	31.4	2.1	2.0	1.9	6.4	6.3	6.0
Lawton	39.6	41.2	40.5	2.5	2.9	2.4	6.3	7.1	5.9
Oklahoma City	476.8	500.8	495.5	28.2	28.3	26.7	5.9	5.6	5.4
Tulsa	366.9	376.2	372.5	30.6	27.6	26.4	8.3	7.3	7.1
Oregon	1,331.2	1,340.6	1,329.6	123.3	109.9	118.9	9.3	8.2	8.9
Eugene-Springfield	133.0	133.9	132.4	12.3	11.1	11.8	9.2	8.3	8.9
Medford	65.2	67.0	66.4	6.1	5.4	6.2	9.4	8.1	9.4
Portland	661.7	662.0	658.4	57.6	48.9	49.0	8.7	7.4	7.4
Salem	125.4	129.1	125.4	11.0	8.7	9.5	8.7	6.8	7.6
Pennsylvania¹	5,617.2	5,558.0	5,591.3	551.5	455.9	455.4	9.8	8.2	8.1
Allentown-Bethlehem-Easton	313.2	312.3	313.5	28.7	26.5	25.4	9.2	8.5	8.1
Altoona	56.5	56.0	56.2	7.4	5.5	5.7	13.2	9.8	10.1
Erie	126.6	124.1	125.0	15.6	10.2	11.0	12.3	8.2	8.8
Harrisburg	246.8	249.3	249.8	14.2	12.4	11.9	5.8	5.0	4.8
Johnstown	103.9	101.3	104.2	16.1	12.6	15.3	15.5	12.5	14.7
Lancaster	193.6	194.1	195.2	10.0	8.3	8.8	5.2	4.3	4.5
Northeast Pennsylvania	300.1	296.8	297.1	35.2	29.0	28.7	11.7	9.8	9.6
Philadelphia	2,291.4	2,287.4	2,297.7	164.3	139.4	136.4	7.2	6.1	5.9
Pittsburgh	1,040.4	1,007.5	1,013.6	126.5	103.8	100.9	12.2	10.3	10.0
Reading	165.9	167.6	169.4	10.9	10.7	10.2	6.6	6.4	6.1
Sharon	52.0	51.3	51.2	7.4	5.3	5.3	14.3	10.4	10.4
State College	55.0	56.0	55.9	4.7	4.0	4.1	8.5	7.1	7.3
Williamsport	53.4	53.2	53.8	6.3	4.7	4.8	11.8	8.8	8.9
York	184.8	184.3	184.2	16.4	11.9	11.8	8.9	6.4	6.4
Rhode Island	476.3	500.6	504.7	29.3	22.1	22.4	6.1	4.4	4.4
Providence-Warwick-Pawtucket	467.2	484.9	490.0	29.0	21.7	22.2	6.2	4.5	4.5
South Carolina	1,471.4	1,467.5	1,462.9	121.2	102.9	103.4	8.2	7.0	7.1
Charleston-North Charleston	179.1	180.0	180.4	13.1	9.8	8.9	7.3	5.4	4.9
Columbia	203.7	206.2	205.8	11.5	9.3	8.6	5.6	4.5	4.2
Greenville-Spartanburg	288.0	286.0	287.1	20.3	17.5	17.2	7.1	6.1	6.0
South Dakota	327.7	342.4	334.5	15.7	13.7	13.6	4.8	4.0	4.1
Sioux Falls	67.7	68.0	67.4	2.9	2.2	1.7	4.3	3.2	2.5

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P	Nov. 1983	Oct. 1984	Nov. 1984 ^P
Tennessee	2,197.0	2,257.1	2,258.1	200.8	185.3	185.6	9.1	8.2	8.2
Chattanooga	196.9	200.0	202.5	16.9	13.6	14.4	8.6	6.8	7.1
Johnson City-Kingsport-Bristol	203.2	213.2	214.5	16.9	16.9	16.4	8.3	7.9	7.6
Knoxville	231.6	230.7	232.6	19.8	16.5	17.1	8.6	7.1	7.4
Memphis	435.1	417.6	417.6	36.0	28.0	27.9	8.3	6.7	6.7
Nashville-Davidson	454.6	478.4	477.8	28.8	26.3	22.7	6.3	5.5	4.8
Texas¹	7,665.8	8,051.2	7,984.1	521.0	422.7	435.1	6.8	5.3	5.4
Abilene	77.5	79.1	78.3	3.8	2.9	2.9	4.9	3.6	3.7
Amarillo	100.0	103.9	102.7	5.5	4.5	4.6	5.5	4.4	4.5
Austin	330.5	362.0	360.0	12.7	11.2	10.8	3.9	3.1	3.0
Beaumont-Port Arthur	177.0	180.9	179.2	21.0	17.7	18.8	11.9	9.8	10.5
Brownsville-Harlingen-San Benito	91.8	93.0	93.1	12.5	11.2	12.1	13.6	12.0	13.0
Bryan-College Station	55.8	60.4	59.7	2.0	1.8	1.9	3.6	3.1	3.2
Corpus Christi	163.5	169.2	167.4	16.1	12.0	12.2	9.9	7.1	7.3
Dallas-Fort Worth	1,827.8	1,955.7	1,932.5	80.5	67.0	63.9	4.4	3.4	3.3
El Paso	196.0	206.6	206.2	20.7	19.0	20.7	10.6	9.2	10.1
Galveston-Texas City	91.3	96.4	96.1	9.0	8.1	8.9	9.8	8.4	9.3
Houston	1,752.7	1,808.9	1,796.1	136.6	103.3	105.8	7.8	5.7	5.9
Killeen-Temple	74.0	79.7	78.5	4.2	4.3	3.9	5.6	5.4	5.0
Laredo	39.2	38.7	39.1	8.3	5.3	5.8	21.0	13.8	14.9
Longview-Marshall	79.6	80.4	79.4	7.4	5.6	5.6	9.3	6.9	7.1
Lubbock	115.7	117.4	116.9	8.4	5.1	4.9	7.3	4.4	4.2
McAllen-Pharr-Edinburg	117.6	120.1	123.7	21.0	22.8	26.1	17.8	19.0	21.1
Midland	65.9	75.9	75.6	3.5	2.5	2.4	5.3	3.3	3.2
Odessa	73.8	79.7	79.5	5.5	3.2	3.3	7.4	4.0	4.1
San Angelo	50.3	53.0	52.0	2.6	2.0	1.8	5.1	3.7	3.5
San Antonio	511.1	546.8	543.7	27.7	24.8	24.2	5.4	4.5	4.5
Sherman-Denison	40.3	41.7	41.4	2.6	2.0	2.1	6.4	4.8	5.2
Texarkana	52.0	54.6	54.4	4.5	4.0	4.0	8.6	7.4	7.4
Tyler	77.9	80.6	80.1	4.3	3.3	3.6	5.6	4.1	4.5
Waco	91.8	98.5	96.5	4.6	5.0	4.1	5.0	5.0	4.3
Wichita Falls	68.3	70.4	70.1	3.8	2.9	3.2	5.6	4.1	4.6
Utah	694.2	734.1	738.3	51.2	42.3	43.2	7.4	5.8	5.9
Salt Lake City-Ogden	456.6	482.0	488.1	31.7	26.0	26.2	6.9	5.4	5.4
Vermont	266.4	279.0	275.2	14.7	9.3	10.8	5.5	3.3	3.9
Burlington	72.5	77.1	76.9	2.9	1.9	2.1	4.0	2.4	2.7
Virginia	2,747.6	2,866.6	2,862.7	141.2	149.3	146.2	5.1	5.2	5.1
Danville	56.9	58.7	58.3	4.9	5.3	5.5	8.6	8.9	9.5
Lynchburg	78.0	80.0	80.0	5.2	5.0	4.5	6.7	6.2	5.6
Newport News-Hampton	180.7	191.8	190.7	9.0	8.9	7.6	5.0	4.7	4.0
Norfolk-Virginia Beach-Portsmouth	361.6	380.0	379.2	17.5	18.6	17.2	4.8	4.9	4.5
Petersburg-Colonial Heights-Hopewell	55.1	56.5	56.3	4.5	4.3	4.0	8.3	7.7	7.0
Richmond	354.1	368.9	367.2	14.6	15.4	14.3	4.1	4.2	3.9
Roanoke	114.3	118.9	119.6	5.9	5.0	5.0	5.1	4.2	4.2
Washington	2,057.1	2,063.6	2,033.4	209.4	169.9	177.2	10.2	8.2	8.7
Seattle-Everett	911.0	909.2	909.8	79.1	64.4	63.3	8.7	7.1	7.0
West Virginia	755.3	786.0	783.0	111.2	125.8	122.3	14.7	16.0	15.6
Charleston	122.0	127.1	125.8	14.3	16.7	14.9	11.7	13.2	11.8
Huntington-Ashland	121.7	119.9	119.4	19.4	16.3	15.1	15.9	13.6	12.7
Parkersburg-Marietta	73.7	74.6	74.0	9.1	8.0	7.8	12.4	10.7	10.6
Wheeling	80.7	80.0	79.3	12.2	12.2	12.3	15.1	15.2	15.6
Wisconsin	2,422.4	2,416.4	2,395.7	199.1	169.6	160.2	8.2	7.0	6.7
Appleton-Oshkosh	156.0	157.4	156.8	12.0	10.2	10.5	7.7	6.5	6.7
Eau Claire	61.0	61.1	61.3	4.9	4.3	4.5	8.1	7.1	7.4
Green Bay	95.6	96.5	95.7	7.6	6.3	6.2	7.9	6.6	6.5
Janesville-Beloit	73.1	71.8	70.6	7.0	9.7	4.8	9.5	13.6	6.8
Kenosha	60.6	59.1	58.6	4.6	4.1	4.0	7.6	7.0	6.8
La Crosse	51.3	51.7	52.0	3.6	3.2	2.9	7.1	6.1	5.7
Madison	195.9	196.7	196.4	10.7	9.1	8.3	5.5	4.6	4.2
Milwaukee	706.0	702.6	700.2	57.3	46.8	42.2	8.1	6.7	6.0
Racine	83.5	83.4	83.3	7.3	6.3	6.5	8.7	7.5	7.5
Sheboygan	52.8	54.7	53.8	3.7	3.3	3.1	6.9	6.1	5.7
Wausau	55.5	54.8	54.5	5.1	4.3	4.2	9.2	7.8	7.7
Wyoming	256.3	254.5	251.9	17.4	13.2	14.2	6.8	5.2	5.6

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

² Not available.

^P = preliminary.

NOTE: Data refer to place of residence. Estimates for 1983 have been

benchmarked to 1983 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 1, estimates for 1984 are provisional and will be revised when new benchmark 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	8,020	15.9	(¹)
1932	(¹)	51,000	(¹)	38,940	10,170	28,770	12,060	23.6	(¹)
1933	(¹)	51,590	(¹)	38,760	10,090	28,670	12,830	24.9	(¹)
1934	(¹)	52,230	(¹)	40,890	9,900	30,990	11,340	21.7	(¹)
1935	(¹)	52,870	(¹)	42,260	10,110	32,150	10,610	20.1	(¹)
1936	(¹)	53,440	(¹)	44,410	10,000	34,410	9,030	16.9	(¹)
1937	(¹)	54,000	(¹)	46,300	9,820	36,480	7,700	14.3	(¹)
1938	(¹)	54,610	(¹)	44,220	9,690	34,530	10,390	19.0	(¹)
1939	(¹)	55,230	(¹)	45,750	9,610	36,140	9,480	17.2	(¹)
1940	99,840	55,640	55.7	47,520	9,540	37,980	8,120	14.6	44,200
1941	99,900	55,910	56.0	50,350	9,100	41,250	5,560	9.9	43,990
1942	98,640	56,410	57.2	53,750	9,250	44,500	2,660	4.7	42,230
1943	94,640	55,540	58.7	54,470	9,080	45,390	1,070	1.9	39,100
1944	93,220	54,630	58.6	53,960	8,950	45,010	670	1.2	38,590
1945	94,090	53,860	57.2	52,820	8,580	44,240	1,040	1.9	40,230
1946	103,070	57,520	55.8	55,250	8,320	46,930	2,270	3.9	45,550
1947	106,018	60,168	56.8	57,812	8,256	49,557	2,356	3.9	45,850
Persons 16 years of age and over									
1947	101,827	59,350	58.3	57,038	7,890	49,148	2,311	3.9	42,477
1948	103,068	60,621	58.8	58,343	7,629	50,714	2,276	3.8	42,447
1949	103,994	61,286	58.9	57,651	7,658	49,993	3,637	5.9	42,708
1950	104,995	62,208	59.2	58,918	7,160	51,758	3,288	5.3	42,787
1951	104,621	62,017	59.2	59,961	6,726	53,235	2,055	3.3	42,604
1952	105,231	62,138	59.0	60,250	6,500	53,749	1,883	3.0	43,093
1953 ²	107,056	63,015	58.9	61,179	6,260	54,919	1,834	2.9	44,041
1954	108,321	63,643	58.8	60,109	6,205	53,904	3,532	5.5	44,678
1955	109,683	65,023	59.3	62,170	6,450	55,722	2,852	4.4	44,660
1956	110,954	66,552	60.0	63,799	6,283	57,514	2,750	4.1	44,402
1957	112,265	66,929	59.6	64,071	5,947	58,123	2,859	4.3	45,336
1958	113,727	67,639	59.5	63,036	5,586	57,450	4,602	6.8	46,088
1959	115,329	68,369	59.3	64,630	5,565	59,065	3,740	5.5	46,960
1960 ²	117,245	69,628	59.4	65,778	5,458	60,318	3,852	5.5	47,617
1961	118,771	70,459	59.3	65,746	5,200	60,546	4,714	6.7	48,312
1962 ²	120,153	70,614	58.8	66,702	4,944	61,759	3,911	5.5	49,539
1963	122,416	71,833	58.7	67,762	4,687	63,076	4,070	5.7	50,583
1964	124,485	73,091	58.7	69,305	4,523	64,782	3,786	5.2	51,394
1965	126,513	74,455	58.9	71,088	4,361	66,726	3,366	4.5	52,058
1966	128,058	75,770	59.2	72,895	3,979	68,915	2,875	3.8	52,288
1967	129,874	77,347	59.6	74,372	3,844	70,527	2,975	3.8	52,527
1968	132,028	78,737	59.6	75,920	3,817	72,103	2,817	3.6	53,291
1969	134,335	80,734	60.1	77,902	3,606	74,296	2,832	3.5	53,602
1970	137,085	82,771	60.4	78,678	3,463	75,215	4,093	4.9	54,315
1971	140,216	84,382	60.2	79,367	3,394	75,972	5,016	5.9	55,834
1972 ²	144,126	87,034	60.4	82,153	3,484	78,669	4,882	5.6	57,091
1973 ²	147,096	89,429	60.8	85,064	3,470	81,594	4,365	4.9	57,667
1974	150,120	91,949	61.3	86,794	3,515	83,279	5,156	5.6	58,171
1975	153,153	93,775	61.2	85,846	3,408	82,438	7,929	8.5	59,377
1976	156,150	96,158	61.6	88,752	3,331	85,421	7,406	7.7	59,991
1977	159,033	99,009	62.3	92,017	3,283	88,734	6,991	7.1	60,025
1978 ²	161,910	102,251	63.2	96,048	3,387	92,661	6,202	6.1	59,659
1979	164,863	104,962	63.7	98,824	3,347	95,477	6,137	5.8	59,900
1980	167,745	106,940	63.8	99,303	3,364	95,938	7,637	7.1	60,806
1981	170,130	108,670	63.9	100,397	3,368	97,030	8,273	7.6	61,460
1982	172,271	110,204	64.0	99,526	3,401	96,125	10,678	9.7	62,067
1983	174,215	111,550	64.0	100,834	3,383	97,450	10,717	9.6	62,665
1984	176,383	113,544	64.4	105,005	3,321	101,685	8,539	7.5	62,839

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.

2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1951 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									
1951	49,727	43,001	86.3	41,780	5,534	36,246	1,221	2.8	6,725
1952	49,700	42,869	86.3	41,682	5,390	36,293	1,185	2.8	6,832
1953 ¹	50,750	43,633	86.0	42,430	5,253	37,177	1,202	2.8	7,117
1954	51,395	43,965	85.5	41,619	5,200	36,418	2,344	5.3	7,431
1955	52,109	44,475	85.4	42,621	5,265	37,356	1,854	4.2	7,634
1956	52,723	45,091	85.5	43,379	5,040	38,339	1,711	3.8	7,633
1957	53,315	45,197	84.8	43,357	4,824	38,532	1,841	4.1	8,119
1958	54,033	45,521	84.2	42,423	4,596	37,827	3,098	6.8	8,514
1959	54,793	45,886	83.7	43,466	4,532	38,934	2,420	5.2	8,907
1960 ¹	55,662	46,388	83.3	43,904	4,472	39,431	2,486	5.4	9,274
1961	56,286	46,653	82.9	43,656	4,298	39,359	2,997	6.4	9,633
1962 ¹	56,831	46,600	82.0	44,177	4,069	40,108	2,423	5.2	10,231
1963	57,921	47,129	81.4	44,657	3,809	40,849	2,472	5.2	10,792
1964	58,847	47,679	81.0	45,474	3,691	41,782	2,205	4.6	11,169
1965	59,782	48,255	80.7	46,340	3,547	42,792	1,914	4.0	11,527
1966	60,262	48,471	80.4	46,919	3,243	43,675	1,551	3.2	11,792
1967	60,905	48,987	80.4	47,479	3,164	44,315	1,508	3.1	11,919
1968	61,347	49,533	80.1	48,114	3,157	44,957	1,419	2.9	12,315
1969	62,898	50,221	79.8	48,818	2,963	45,855	1,403	2.8	12,677
1970	64,304	51,228	79.7	48,990	2,862	46,128	2,238	4.4	13,076
1971	65,942	52,180	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	58,396	77.7	54,728	2,671	52,057	3,667	6.3	16,797
1978 ¹	76,576	59,620	77.9	56,479	2,718	53,761	3,142	5.3	16,956
1979	78,020	60,726	77.8	57,607	2,686	54,921	3,120	5.1	17,293
1980	79,398	61,453	77.4	57,186	2,709	54,477	4,267	6.9	17,945
1981	80,511	61,974	77.0	57,397	2,700	54,697	4,577	7.4	18,537
1982	81,523	62,450	76.6	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
Women									
1951	54,895	19,016	34.6	18,181	1,193	16,988	834	4.4	35,879
1952	55,529	19,269	34.7	18,568	1,111	17,458	698	3.6	36,261
1953 ¹	56,305	19,382	34.4	18,749	1,006	17,743	632	3.3	36,924
1954	56,925	19,678	34.6	18,490	1,006	17,486	1,188	6.0	37,247
1955	57,574	20,548	35.7	19,551	1,184	18,366	998	4.9	37,026
1956	58,228	21,461	36.9	20,419	1,244	19,175	1,039	4.8	36,769
1957	58,951	21,732	36.9	20,714	1,123	19,591	1,018	4.7	37,218
1958	59,690	22,118	37.1	20,613	990	19,623	1,504	6.8	37,574
1959	60,534	22,483	37.1	21,164	1,033	20,131	1,320	5.9	38,053
1960 ¹	61,582	23,240	37.7	21,874	986	20,887	1,366	5.9	38,343
1961	62,484	23,806	38.1	22,090	902	21,187	1,717	7.2	38,679
1962 ¹	63,321	24,014	37.9	22,525	875	21,651	1,488	6.2	39,308
1963	64,494	24,704	38.3	23,105	878	22,227	1,598	6.5	39,791
1964	65,637	25,412	38.7	23,831	832	23,000	1,581	6.2	40,225
1965	66,731	26,200	39.3	24,748	814	23,934	1,452	5.5	40,531
1966	67,795	27,299	40.3	25,976	736	25,240	1,324	4.8	40,496
1967	68,968	28,360	41.1	26,893	680	26,212	1,468	5.2	40,608
1968	70,179	29,204	41.6	27,807	660	27,147	1,397	4.8	40,976
1969	71,436	30,513	42.7	29,084	643	28,441	1,429	4.7	40,924
1970	72,782	31,543	43.3	29,688	601	29,087	1,855	5.9	41,239
1971	74,274	32,202	43.4	29,976	599	29,377	2,227	6.9	42,072
1972 ¹	76,290	33,479	43.9	31,257	635	30,622	2,222	6.6	42,811
1973 ¹	77,804	34,804	44.7	32,715	622	32,093	2,089	6.0	43,000
1974	79,312	36,211	45.7	33,769	596	33,173	2,441	6.7	43,101
1975	80,860	37,475	46.3	33,989	584	33,404	3,486	9.3	43,386
1976	82,390	38,983	47.3	35,615	588	35,027	3,369	8.6	43,406
1977	83,840	40,613	48.4	37,289	612	36,677	3,324	8.2	43,227
1978 ¹	85,334	42,631	50.0	39,569	669	38,900	3,061	7.2	42,703
1979	86,843	44,235	50.9	41,217	661	40,556	3,018	6.8	42,608
1980	88,348	45,487	51.5	42,117	656	41,461	3,370	7.4	42,861
1981	89,618	46,696	52.1	43,000	667	42,333	3,696	7.9	42,922
1982	90,748	47,755	52.6	43,256	665	42,591	4,459	9.4	42,993
1983	91,684	48,503	52.9	44,047	680	43,367	4,457	9.2	43,181
1984	92,778	49,709	53.6	45,915	653	45,262	3,794	7.6	43,068

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	1984										
	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	176,383	113,544	64.4	105,005	8,539	7.5	62,839	31,494	7,856	2,757	20,733
16 to 19 years	14,735	7,943	53.9	6,444	1,499	18.9	6,791	522	5,024	21	1,224
16 to 17 years	7,196	3,050	42.4	2,404	646	21.2	4,147	151	3,294	8	694
18 to 19 years	7,538	4,894	64.9	4,040	854	17.4	2,645	371	1,730	14	530
20 to 24 years	20,688	16,046	77.6	14,207	1,838	11.5	4,642	1,898	1,856	62	826
25 to 54 years	92,475	74,661	80.7	70,125	4,537	6.1	17,814	13,229	934	882	2,770
25 to 34 years	39,999	32,723	81.8	30,348	2,374	7.3	7,276	5,364	683	217	1,012
25 to 29 years	20,899	17,095	81.8	15,728	1,367	8.0	3,804	2,696	461	93	554
30 to 34 years	19,100	15,628	81.8	14,621	1,008	6.4	3,472	2,668	221	124	458
35 to 44 years	30,251	24,933	82.4	23,598	1,335	5.4	5,318	4,120	187	243	768
35 to 39 years	16,749	13,830	82.6	13,034	796	5.8	2,919	2,294	116	115	392
40 to 44 years	13,503	11,103	82.2	10,564	539	4.9	2,399	1,827	70	127	375
45 to 54 years	22,226	17,006	76.5	16,178	828	4.9	5,220	3,744	65	421	990
45 to 49 years	11,310	8,974	79.3	8,510	465	5.2	2,336	1,730	40	172	394
50 to 54 years	10,915	8,032	73.6	7,668	363	4.5	2,885	2,014	25	249	595
55 to 64 years	22,052	11,395	54.2	11,395	566	4.7	10,091	5,614	28	720	3,729
55 to 59 years	11,288	7,241	64.2	6,892	349	4.8	4,046	2,528	21	361	1,136
60 to 64 years	10,765	4,720	43.8	4,502	218	4.6	6,045	3,086	7	359	2,593
65 years and over	26,433	2,933	11.1	2,835	97	3.3	23,501	10,232	13	1,072	12,184
65 to 69 years	8,976	1,688	18.8	1,626	61	3.6	7,288	3,238	6	231	3,812
70 years and over	17,457	1,244	7.1	1,209	35	2.8	16,213	6,993	7	841	8,371
Men											
16 years and over	83,605	63,835	76.4	59,091	4,744	7.4	19,771	473	3,989	1,593	13,716
16 to 19 years	7,386	4,134	56.0	3,322	812	19.6	3,252	19	2,576	14	643
16 to 17 years	3,655	1,591	43.5	1,244	348	21.9	2,063	9	1,684	6	364
18 to 19 years	3,731	2,542	68.1	2,078	464	18.3	1,189	10	891	8	279
20 to 24 years	10,108	8,594	85.0	7,571	1,023	11.9	1,514	23	982	39	470
25 to 54 years	45,039	42,302	93.9	39,801	2,501	5.9	2,737	138	420	612	1,567
25 to 34 years	19,596	18,488	94.4	17,166	1,322	7.2	1,107	57	338	152	560
25 to 29 years	10,251	9,600	93.6	8,835	765	8.0	651	31	242	67	311
30 to 34 years	9,345	8,889	95.1	8,331	558	6.3	456	26	96	84	249
35 to 44 years	14,719	14,037	95.4	13,309	728	5.2	681	44	62	171	405
35 to 39 years	8,155	7,797	95.6	7,365	432	5.5	358	26	42	85	204
40 to 44 years	6,564	6,240	95.1	5,944	296	4.7	323	18	19	86	200
45 to 54 years	10,724	9,776	91.2	9,326	450	4.6	948	37	20	289	602
45 to 49 years	5,483	5,114	93.3	4,867	247	4.8	369	15	12	118	224
50 to 54 years	5,241	4,662	88.9	4,459	203	4.3	580	22	8	171	378
55 to 64 years	10,285	7,050	68.5	6,694	356	5.0	3,235	83	8	474	2,670
55 to 59 years	5,318	4,266	80.2	4,055	211	4.9	1,052	34	7	241	770
60 to 64 years	4,966	2,784	56.1	2,639	145	5.2	2,182	49	1	232	1,900
65 years and over	10,788	1,755	16.3	1,703	53	3.0	9,033	210	3	455	8,366
65 to 69 years	4,000	983	24.6	951	31	3.2	3,017	60	1	132	2,823
70 years and over	6,788	772	11.4	751	21	2.7	6,016	149	2	323	5,542
Women											
16 years and over	92,778	49,709	53.6	45,915	3,794	7.6	43,068	31,022	3,867	1,164	7,017
16 to 19 years	7,349	3,810	51.8	3,122	687	18.0	3,539	503	2,448	7	581
16 to 17 years	3,542	1,458	41.2	1,161	298	20.4	2,083	141	1,609	2	330
18 to 19 years	3,807	2,351	61.8	1,962	390	16.6	1,456	361	839	5	250
20 to 24 years	10,580	7,451	70.4	6,636	815	10.9	3,128	1,875	873	24	356
25 to 54 years	47,436	32,360	68.2	30,324	2,036	6.3	15,077	13,091	514	270	1,203
25 to 34 years	20,403	14,234	69.8	13,182	1,052	7.4	6,169	5,307	344	66	452
25 to 29 years	10,648	7,495	70.4	6,893	602	8.0	3,153	2,665	219	26	243
30 to 34 years	9,755	6,739	69.1	6,290	450	6.7	3,016	2,642	125	40	209
35 to 44 years	15,532	10,896	70.1	10,289	607	5.6	4,636	4,076	125	72	363
35 to 39 years	8,594	6,033	70.2	5,669	364	6.0	2,561	2,268	74	30	188
40 to 44 years	6,939	4,863	70.1	4,620	243	5.0	2,076	1,809	51	41	175
45 to 54 years	11,501	7,230	62.9	6,852	378	5.2	4,272	3,707	45	132	388
45 to 49 years	5,827	3,860	66.2	3,643	218	5.6	1,967	1,715	28	54	170
50 to 54 years	5,674	3,370	59.4	3,209	160	4.7	2,305	1,992	17	78	217
55 to 64 years	11,768	4,911	41.7	4,700	211	4.3	6,857	5,531	20	246	1,059
55 to 59 years	5,969	2,975	49.8	2,837	138	4.6	2,994	2,494	15	119	366
60 to 64 years	5,798	1,936	33.4	1,863	73	3.8	3,862	3,037	5	127	693
65 years and over	15,645	1,177	7.5	1,133	45	3.8	14,468	10,022	10	617	3,819
65 to 69 years	4,976	705	14.2	675	30	4.3	4,271	3,178	5	99	989
70 years and over	10,669	472	4.4	458	14	3.1	10,197	6,844	5	518	2,829

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Age, sex, and race	1984										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed Number	Percent of labor force	Total	Keeping house	Going to school	Unable to work	Other reasons
WHITE											
16 years and over	152,347	98,492	64.6	92,120	6,372	6.5	53,855	27,709	6,020	2,175	17,951
16 to 19 years	12,147	6,952	57.2	5,836	1,116	16.0	5,195	387	3,859	16	933
16 to 17 years	5,918	2,720	46.0	2,209	510	18.8	3,199	119	2,525	6	549
18 to 19 years	6,228	4,232	68.0	3,627	605	14.3	1,996	269	1,333	10	384
20 to 24 years	17,304	13,733	79.4	12,451	1,282	9.3	3,570	1,492	1,450	47	582
25 to 54 years	79,361	64,445	81.2	61,026	3,420	5.3	14,916	11,437	677	660	2,142
25 to 34 years	33,889	27,958	82.5	26,235	1,723	6.2	5,931	4,558	484	165	725
25 to 29 years	17,672	14,612	82.7	13,631	981	6.7	3,060	2,266	329	70	394
30 to 34 years	16,217	13,345	82.3	12,604	741	5.6	2,871	2,291	154	96	330
35 to 44 years	26,124	21,588	82.6	20,552	1,036	4.8	4,536	3,610	145	178	602
35 to 39 years	14,438	11,943	82.7	11,338	605	7.5	2,495	2,028	89	86	304
40 to 44 years	11,687	9,645	82.5	9,214	430	4.5	2,042	1,602	57	93	298
45 to 54 years	19,348	14,899	77.0	14,239	660	4.4	4,449	3,270	43	316	815
45 to 49 years	9,798	7,820	79.8	7,449	370	4.7	1,977	1,503	29	127	323
50 to 54 years	9,551	7,080	74.1	6,789	290	5.2	2,472	1,789	18	189	491
55 to 64 years	19,629	10,701	54.5	10,227	475	4.4	8,928	5,046	24	570	3,288
55 to 59 years	10,004	6,472	64.7	6,182	291	4.5	3,532	2,255	18	284	974
60 to 64 years	9,625	4,229	43.9	4,045	184	4.4	5,397	2,792	5	286	2,314
65 years and over	23,906	2,660	11.1	2,580	81	3.0	21,246	9,346	11	883	11,007
65 to 69 years	8,110	1,531	18.9	1,479	52	3.4	6,580	2,941	6	184	3,450
70 years and over	15,796	1,128	7.1	1,100	28	2.5	14,667	6,405	5	699	7,557
Men											
16 years and over	72,723	56,062	77.1	52,462	3,600	6.4	16,661	361	3,086	1,268	11,946
16 to 19 years	6,113	3,609	59.0	3,001	608	16.8	2,504	10	1,995	11	488
16 to 17 years	3,019	1,420	47.0	1,140	280	19.7	1,599	6	1,304	4	285
18 to 19 years	3,094	2,189	70.8	1,861	328	15.0	905	4	691	7	202
20 to 24 years	8,522	7,370	86.5	6,647	722	9.8	1,152	14	783	31	324
25 to 54 years	39,103	37,067	94.8	35,140	1,927	5.2	2,036	96	300	467	1,173
25 to 34 years	16,816	16,037	95.4	15,045	991	6.2	779	39	245	116	380
25 to 29 years	8,775	8,315	94.8	7,744	571	6.9	460	18	179	50	212
30 to 34 years	8,041	7,721	96.0	7,301	420	5.4	319	20	65	66	168
35 to 44 years	12,853	12,348	96.1	11,776	572	4.6	505	30	43	127	305
35 to 39 years	7,103	6,842	96.3	6,510	332	4.9	261	17	29	64	152
40 to 44 years	5,751	5,506	95.8	5,266	240	4.4	244	13	14	64	153
45 to 54 years	9,434	8,683	92.0	8,320	363	4.2	752	28	12	224	487
45 to 49 years	4,800	4,518	94.1	4,317	200	4.4	282	11	7	87	177
50 to 54 years	4,635	4,165	89.9	4,002	163	3.9	470	17	5	137	310
55 to 64 years	9,217	6,410	69.5	6,108	302	4.7	2,808	61	7	381	2,358
55 to 59 years	4,756	3,880	81.6	3,701	179	4.6	876	24	5	191	656
60 to 64 years	4,461	2,530	56.7	2,408	122	4.8	1,931	37	1	190	1,702
65 years and over	9,768	1,606	16.4	1,564	42	2.6	8,162	179	2	378	7,603
65 to 69 years	3,635	900	24.8	875	25	2.8	2,735	52	1	109	2,574
70 years and over	6,133	705	11.5	689	16	2.3	5,427	128	1	269	5,030
Women											
16 years and over	79,624	42,431	53.3	39,659	2,772	6.5	37,193	27,348	2,933	907	6,005
16 to 19 years	6,034	3,343	55.4	2,835	508	15.2	2,691	377	1,864	5	445
16 to 17 years	2,899	1,300	44.8	1,069	231	17.8	1,599	113	1,222	1	263
18 to 19 years	3,135	2,043	65.2	1,766	277	13.6	1,091	264	642	3	181
20 to 24 years	8,782	6,363	72.5	5,804	559	8.8	2,418	1,477	667	16	258
25 to 54 years	40,258	27,378	68.0	25,886	1,493	5.5	12,880	11,341	377	193	969
25 to 34 years	17,073	11,922	69.8	11,190	731	6.1	5,151	4,519	239	49	344
25 to 29 years	8,897	6,297	70.8	5,887	410	6.5	2,600	2,248	150	20	182
30 to 34 years	8,176	5,624	68.8	5,303	321	5.7	2,552	2,271	89	30	162
35 to 44 years	13,271	9,240	69.6	8,776	464	5.0	4,031	3,580	102	51	297
35 to 39 years	7,335	5,101	69.5	4,828	273	5.4	2,234	2,000	60	22	152
40 to 44 years	5,936	4,139	69.7	3,948	190	4.6	1,798	1,581	43	29	145
45 to 54 years	9,914	6,217	62.7	5,920	297	4.8	3,697	3,242	35	92	327
45 to 49 years	4,998	3,302	66.1	3,132	170	5.2	1,695	1,487	22	40	146
50 to 54 years	4,916	2,915	59.3	2,787	127	4.4	2,002	1,755	13	52	181
55 to 64 years	10,412	4,292	41.2	4,118	173	4.0	6,120	4,985	17	189	930
55 to 59 years	5,248	2,593	49.4	2,481	111	4.3	2,655	2,231	13	93	318
60 to 64 years	5,164	1,699	32.9	1,637	62	3.6	3,465	2,754	4	95	612
65 years and over	14,138	1,054	7.5	1,015	39	3.7	13,084	9,167	9	505	3,404
65 to 69 years	4,475	631	14.1	604	27	4.2	3,845	2,889	5	75	876
70 years and over	9,663	423	4.4	411	12	2.9	9,240	6,277	4	430	2,527

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Age, sex, and race	1984										
	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	19,348	12,033	62.2	10,119	1,914	15.9	7,315	3,036	1,394	528	2,357
16 to 19 years	2,161	827	38.3	474	353	42.7	1,334	120	962	5	246
16 to 17 years	1,056	268	25.4	146	122	45.7	788	28	641	2	117
18 to 19 years	1,105	558	50.5	328	230	41.2	546	93	321	3	129
20 to 24 years	2,783	1,926	69.2	1,423	504	26.1	856	347	281	14	214
25 to 54 years	10,244	8,035	78.4	7,067	969	12.1	2,210	1,339	147	197	528
25 to 34 years	4,789	3,800	79.3	3,223	577	15.2	990	587	115	48	240
25 to 29 years	2,567	2,010	78.3	1,664	348	17.3	556	323	78	22	135
30 to 34 years	2,222	1,789	80.5	1,559	229	12.8	434	264	37	26	106
35 to 44 years	3,167	2,565	81.0	2,311	253	9.9	603	385	22	54	142
35 to 39 years	1,761	1,443	81.9	1,281	162	11.2	319	207	14	24	73
40 to 44 years	1,406	1,122	79.8	1,031	92	8.2	283	178	7	30	69
45 to 54 years	2,288	1,671	73.0	1,533	138	8.2	618	367	10	95	146
45 to 49 years	1,192	911	76.4	832	78	8.6	282	176	6	40	60
50 to 54 years	1,096	760	69.3	701	59	7.8	335	191	3	55	85
55 to 64 years	1,977	1,020	51.6	945	75	7.4	956	455	3	135	363
55 to 59 years	1,046	628	60.1	582	46	7.4	418	217	2	67	132
60 to 64 years	930	392	42.1	363	29	7.3	539	238	1	68	231
65 years and over	2,183	224	10.3	209	15	6.5	1,958	775	1	177	1,006
65 to 69 years	736	128	17.4	120	8	6.3	608	251	-	44	313
70 years and over	1,447	96	6.6	91	6	6.3	1,351	524	1	133	692
Men											
16 years and over	8,654	6,126	70.8	5,124	1,003	16.4	2,528	95	653	294	1,486
16 to 19 years	1,055	440	41.7	252	188	42.7	616	8	475	3	129
16 to 17 years	524	141	26.9	79	62	44.0	383	3	316	1	63
18 to 19 years	531	299	56.2	173	126	42.2	232	6	159	1	66
20 to 24 years	1,292	1,022	79.1	750	272	26.6	270	7	126	7	129
25 to 54 years	4,587	4,041	88.1	3,553	489	12.1	547	37	52	130	330
25 to 34 years	2,164	1,924	88.9	1,635	289	15.0	241	17	41	34	150
25 to 29 years	1,166	1,027	88.1	855	173	16.8	138	12	29	16	82
30 to 34 years	999	896	89.7	780	116	12.9	103	5	12	17	69
35 to 44 years	1,411	1,270	90.0	1,138	132	10.4	141	11	8	37	85
35 to 39 years	787	714	90.7	628	86	12.0	74	7	6	17	43
40 to 44 years	624	556	89.2	510	47	8.4	67	4	2	19	42
45 to 54 years	1,012	847	83.7	780	67	7.9	165	9	3	59	95
45 to 49 years	530	458	86.4	421	37	8.1	72	4	2	28	38
50 to 54 years	483	389	80.7	359	30	7.7	93	4	1	31	56
55 to 64 years	858	505	58.9	460	45	8.9	353	17	-	82	253
55 to 59 years	453	310	68.3	284	25	8.2	144	8	-	43	93
60 to 64 years	404	195	48.3	176	19	9.9	209	10	-	38	161
65 years and over	861	118	13.7	108	9	7.9	743	26	-	72	645
65 to 69 years	308	66	21.4	61	5	7.6	242	7	-	21	213
70 years and over	553	52	9.4	48	4	8.3	501	19	-	51	431
Women											
16 years and over	10,694	5,907	55.2	4,995	911	15.4	4,787	2,940	741	236	871
16 to 19 years	1,106	387	35.0	222	165	42.6	719	112	487	2	117
16 to 17 years	532	127	23.9	67	60	47.5	405	25	325	1	54
18 to 19 years	574	260	45.3	155	104	40.2	314	87	162	2	63
20 to 24 years	1,491	904	60.7	673	231	25.6	587	340	155	7	85
25 to 54 years	5,657	3,994	70.6	3,514	480	12.0	1,663	1,302	95	67	198
25 to 34 years	2,625	1,876	71.5	1,588	288	15.4	749	570	74	14	90
25 to 29 years	1,401	983	70.2	809	175	17.8	418	311	49	6	53
30 to 34 years	1,223	893	73.0	779	113	12.7	331	259	25	9	37
35 to 44 years	1,756	1,294	73.7	1,173	121	9.4	462	374	14	17	57
35 to 39 years	974	729	74.8	653	76	10.4	245	200	8	7	30
40 to 44 years	782	566	72.3	521	45	8.0	216	174	5	11	27
45 to 54 years	1,276	823	64.5	753	71	8.6	452	358	7	36	51
45 to 49 years	662	453	68.3	411	41	9.2	210	172	4	12	22
50 to 54 years	613	371	60.5	342	29	7.9	242	187	2	24	29
55 to 64 years	1,119	515	46.1	485	30	5.9	604	438	3	53	110
55 to 59 years	593	318	53.7	297	21	6.6	274	209	2	23	40
60 to 64 years	526	197	37.4	188	9	4.7	330	228	1	30	70
65 years and over	1,322	106	8.0	101	5	4.9	1,216	749	1	105	361
65 to 69 years	428	62	14.5	59	3	5.4	366	244	-	23	100
70 years and over	894	44	5.0	43	2	4.2	850	505	1	82	261

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

(Numbers in thousands)

Age and sex	1984								
	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	24,036	15,052	62.6	12,885	264	12,621	2,167	14.4	8,985
16 to 19 years	2,598	991	38.3	607	16	591	384	38.7	1,597
16 to 17 years	1,278	330	25.8	195	6	188	135	41.0	948
18 to 19 years	1,310	661	50.5	413	10	403	249	37.6	649
20 to 24 years	3,384	2,312	68.3	1,756	27	1,729	556	24.1	1,072
25 to 54 years	13,114	10,216	77.9	9,098	170	8,928	1,118	10.9	2,898
25 to 34 years	6,110	4,764	78.0	4,113	65	4,048	651	13.7	1,345
25 to 29 years	3,227	2,483	76.9	2,097	32	2,065	386	15.5	744
30 to 34 years	2,883	1,238	42.9	2,016	33	1,983	266	21.5	600
35 to 44 years	4,127	3,345	81.1	3,046	55	2,991	299	8.9	782
35 to 39 years	2,311	1,887	81.7	1,696	31	1,665	191	10.1	424
40 to 44 years	1,815	1,458	80.3	1,350	24	1,326	108	7.4	357
45 to 54 years	2,878	2,106	73.2	1,939	50	1,889	167	7.9	771
45 to 49 years	1,514	1,155	76.3	1,060	30	1,030	94	8.1	359
50 to 54 years	1,365	952	69.7	879	20	859	73	7.7	413
55 to 64 years	2,423	1,260	52.0	1,168	35	1,133	92	7.3	1,163
55 to 59 years	1,284	769	59.9	711	20	690	58	7.6	515
60 to 64 years	1,139	491	43.1	458	15	443	33	6.8	648
65 years and over	2,527	273	10.8	256	15	241	17	6.2	2,254
65 to 69 years	866	156	18.0	147	7	140	10	6.4	708
70 years and over	1,662	116	7.0	109	8	100	17	14.7	1,546
Men									
16 years and over	10,883	7,773	71.4	6,629	231	6,397	1,144	14.7	3,109
16 to 19 years	1,273	525	41.2	321	14	306	204	38.9	748
16 to 17 years	636	171	27.0	103	5	98	68	39.8	464
18 to 19 years	638	353	55.4	217	9	208	136	38.5	284
20 to 24 years	1,586	1,224	77.2	924	21	903	300	24.5	362
25 to 54 years	5,936	5,234	88.2	4,660	150	4,510	574	11.0	701
25 to 34 years	2,780	2,452	88.2	2,121	58	2,063	331	13.5	328
25 to 29 years	1,476	1,285	87.0	1,091	28	1,063	194	15.1	191
30 to 34 years	1,304	1,167	89.5	1,030	30	1,000	137	11.8	136
35 to 44 years	1,866	1,689	90.5	1,533	49	1,484	156	9.2	177
35 to 39 years	1,052	955	90.8	855	27	828	100	10.5	97
40 to 44 years	813	734	90.3	678	22	656	56	7.6	79
45 to 54 years	1,290	1,093	84.7	1,006	43	963	87	8.0	197
45 to 49 years	684	597	87.3	550	26	523	47	7.9	87
50 to 54 years	607	497	81.9	457	17	440	40	8.0	110
55 to 64 years	1,067	640	60.0	586	31	555	54	8.5	427
55 to 59 years	562	387	68.8	355	18	337	32	8.2	176
60 to 64 years	505	254	50.2	231	13	218	22	8.8	251
65 years and over	1,020	150	14.7	138	14	124	11	7.4	871
65 to 69 years	365	82	22.6	76	6	70	6	7.5	282
70 years and over	656	67	10.2	62	8	54	5	7.3	589
Women									
16 years and over	13,154	7,279	55.3	6,256	33	6,224	1,022	14.0	5,875
16 to 19 years	1,315	466	35.5	287	2	285	180	38.5	848
16 to 17 years	642	158	24.7	92	1	90	67	42.2	484
18 to 19 years	672	308	45.8	195	1	195	113	36.6	364
20 to 24 years	1,798	1,088	60.5	832	6	827	256	23.5	710
25 to 54 years	7,178	4,982	69.4	4,438	20	4,418	544	10.9	2,197
25 to 34 years	3,330	2,313	69.4	1,992	7	1,985	320	13.9	1,018
25 to 29 years	1,751	1,198	68.4	1,006	4	1,002	192	16.0	553
30 to 34 years	1,579	1,115	70.6	986	3	983	129	11.5	464
35 to 44 years	2,261	1,656	73.2	1,513	6	1,507	143	8.6	605
35 to 39 years	1,259	932	74.0	841	4	837	91	9.7	327
40 to 44 years	1,002	724	72.3	672	2	670	52	7.2	278
45 to 54 years	1,587	1,013	63.8	933	7	926	80	7.9	574
45 to 49 years	830	558	67.3	510	4	507	47	8.5	272
50 to 54 years	758	455	60.0	422	3	419	33	7.2	303
55 to 64 years	1,356	620	45.7	582	4	578	38	6.1	736
55 to 59 years	721	382	53.0	356	3	353	26	6.9	339
60 to 64 years	634	237	37.4	226	2	224	11	4.7	397
65 years and over	1,507	123	8.2	117	1	116	6	4.7	1,384
65 to 69 years	501	74	14.8	71	1	70	4	4.9	426
70 years and over	1,006	49	4.8	47	-	46	2	4.3	957

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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	
	1983	1984	1983	1984	1983	1984	1983	1984
TOTAL								
Civilian noninstitutional population	174,215	176,383	74,872	76,219	84,069	85,429	15,274	14,735
Civilian labor force	111,550	113,544	58,744	59,701	44,636	45,900	8,171	7,943
Percent of population	64.0	64.4	78.5	78.3	53.1	53.7	53.5	53.9
Employed	100,834	105,005	53,487	55,769	41,004	42,793	6,342	6,444
Agriculture	3,383	3,321	2,429	2,418	620	595	334	309
Nonagricultural industries	97,450	101,685	51,058	53,351	40,384	42,198	6,008	6,135
Unemployed	10,717	8,539	5,257	3,932	3,632	3,107	1,829	1,499
Unemployment rate	9.6	7.5	8.9	6.6	8.1	6.8	22.4	18.9
Not in labor force	62,665	62,839	16,129	16,518	39,433	39,529	7,104	6,791
White								
Civilian noninstitutional population	150,805	152,347	65,581	66,610	72,601	73,590	12,623	12,147
Civilian labor force	97,021	98,492	51,716	52,453	38,119	39,087	7,186	6,952
Percent of population	64.3	64.6	78.9	78.7	52.5	53.1	56.9	57.2
Employed	88,893	92,120	47,618	49,461	35,476	36,823	5,799	5,836
Agriculture	3,119	3,057	2,225	2,201	580	564	314	292
Nonagricultural industries	85,774	89,063	45,393	47,260	34,896	36,259	5,485	5,544
Unemployed	8,128	6,372	4,098	2,992	2,643	2,264	1,387	1,116
Unemployment rate	8.4	6.5	7.9	5.7	6.9	5.8	19.3	16.0
Not in labor force	53,784	53,855	13,865	14,157	34,482	34,503	5,436	5,195
Black								
Civilian noninstitutional population	18,925	19,348	7,360	7,599	9,340	9,588	2,225	2,161
Civilian labor force	11,647	12,033	5,533	5,686	5,306	5,520	809	827
Percent of population	61.5	62.2	75.2	74.8	56.8	57.6	36.4	38.3
Employed	9,375	10,119	4,531	4,871	4,428	4,773	416	474
Agriculture	193	196	152	161	25	21	16	13
Nonagricultural industries	9,182	9,923	4,379	4,710	4,403	4,752	400	460
Unemployed	2,272	1,914	1,002	815	878	747	392	353
Unemployment rate	19.5	15.9	18.1	14.3	16.5	13.5	48.5	42.7
Not in labor force	7,278	7,315	1,828	1,913	4,034	4,069	1,416	1,334

6. Employment status of the civilian noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	1984								
	Total			White			Black		
	Both sexes	Men	Women	Both sexes	Men	Women	Both sexes	Men	Women
TOTAL									
Civilian noninstitutional population	22,736	11,293	11,442	18,804	9,384	9,420	3,275	1,578	1,697
Civilian labor force	13,831	7,239	6,592	11,980	6,261	5,719	1,544	822	723
Percent of population	60.8	64.1	57.6	63.7	66.7	60.7	47.2	52.1	42.6
Employed	11,553	6,003	5,550	10,330	5,362	4,968	969	512	457
Agriculture	471	389	82	446	369	77	19	15	4
Nonagricultural industries	11,082	5,614	5,468	9,885	4,994	4,891	950	497	453
Unemployed	2,278	1,236	1,042	1,650	898	751	576	310	266
Looking for full-time work	1,475	830	645	1,028	581	447	413	230	182
Looking for part-time work	802	406	397	622	317	304	163	79	84
Percent of labor force	16.5	17.1	15.8	13.8	14.3	13.1	37.3	37.7	36.8
Not in labor force	8,905	4,055	4,850	6,825	3,123	3,701	1,730	756	974
Major activity: Going to school									
Civilian noninstitutional population	9,462	4,831	4,631	7,703	3,951	3,752	1,420	701	719
Civilian labor force	3,334	1,694	1,640	2,964	1,503	1,460	294	153	141
Percent of population	35.2	35.1	35.4	38.5	38.0	38.9	20.7	21.8	19.7
Employed	2,691	1,344	1,347	2,479	1,235	1,244	149	78	71
Agriculture	90	73	17	88	72	16	1	1	-
Nonagricultural industries	2,601	1,271	1,330	2,391	1,163	1,227	148	77	71
Unemployed	643	350	293	485	268	217	145	75	70
Looking for full-time work	98	54	44	64	36	28	32	17	16
Looking for part-time work	545	295	249	421	232	189	113	58	54
Percent of labor force	19.3	20.6	17.9	16.4	17.8	14.8	49.3	49.0	49.5
Not in labor force	6,127	3,137	2,991	4,740	2,448	2,292	1,125	547	578
Major activity: Other									
Civilian noninstitutional population	13,274	6,462	6,812	11,101	5,433	5,668	1,855	877	978
Civilian labor force	10,497	5,545	4,952	9,016	4,758	4,259	1,250	669	582
Percent of population	79.1	85.8	72.7	81.2	87.6	75.1	67.4	76.3	59.4
Employed	8,862	4,658	4,203	7,852	4,127	3,724	820	434	386
Agriculture	381	316	65	358	297	61	18	15	3
Nonagricultural industries	8,481	4,342	4,138	7,494	3,830	3,664	802	420	382
Unemployed	1,635	886	749	1,165	630	534	431	235	196
Looking for full-time work	1,377	776	601	964	545	419	380	214	167
Looking for part-time work	258	111	147	201	85	115	50	21	29
Percent of labor force	15.6	16.0	15.1	12.9	13.2	12.5	34.4	35.1	33.7
Not in labor force	2,778	918	1,860	2,085	675	1,409	605	208	397

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7. Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Sex, age, and race	1984								
	Total	Full-time labor force				Part-time labor force			
		Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time ¹	Unemployed (looking for part-time work)	
		Full-time schedules ¹	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Total, 16 years and over	97,632	84,831	5,743	7,057	7.2	15,912	14,431	1,481	9.3
16 to 19 years	4,026	2,384	826	816	20.3	3,918	3,235	683	17.4
16 to 17 years	826	384	247	196	23.7	2,223	1,774	450	20.2
18 to 19 years	3,199	2,000	579	620	19.4	1,694	1,461	233	13.8
20 years and over	93,606	82,448	4,918	6,241	6.7	11,994	11,196	798	6.7
20 to 24 years	13,691	10,823	1,259	1,609	11.8	2,355	2,125	229	9.7
25 years and over	79,915	71,626	3,658	4,631	5.8	9,639	9,071	568	5.9
25 to 54 years	68,021	60,848	3,059	4,114	6.0	6,641	6,218	422	6.4
55 years and over	11,894	10,778	599	517	4.3	2,999	2,853	146	4.9
Men, 16 years and over	58,837	52,043	2,652	4,142	7.0	4,998	4,396	602	12.1
16 to 19 years	2,232	1,370	405	457	20.5	1,902	1,547	355	18.7
20 years and over	56,605	50,674	2,246	3,685	6.5	3,096	2,849	247	8.0
20 to 24 years	7,625	6,072	625	928	12.2	969	874	95	9.8
25 years and over	48,980	44,601	1,622	2,757	5.6	2,127	1,974	153	7.2
25 to 54 years	41,378	37,609	1,353	2,417	5.8	924	840	84	9.1
55 years and over	7,602	6,993	269	340	4.5	1,203	1,134	69	5.7
Women, 16 years and over	38,795	32,788	3,091	2,916	7.5	10,914	10,035	879	8.1
16 to 19 years	1,794	1,014	420	360	20.0	2,016	1,688	328	16.3
20 years and over	37,001	31,774	2,671	2,556	6.9	8,898	8,347	551	6.2
20 to 24 years	6,066	4,751	634	681	11.2	1,386	1,251	135	9.7
25 years and over	30,936	27,023	2,036	1,875	6.1	7,512	7,096	416	5.5
25 to 54 years	26,644	23,239	1,706	1,698	6.4	5,717	5,377	338	5.9
55 years and over	4,292	3,784	330	177	4.1	1,796	1,718	78	4.3
White									
Men, 16 years and over	51,639	46,370	2,145	3,125	6.1	4,422	3,947	475	10.7
16 to 19 years	1,916	1,251	337	328	17.1	1,693	1,413	279	16.5
20 years and over	49,723	45,119	1,808	2,796	5.6	2,730	2,534	196	7.2
20 to 24 years	6,523	5,387	485	650	10.0	847	775	72	8.6
25 years and over	43,200	39,732	1,322	2,146	5.0	1,882	1,759	123	6.5
25 to 54 years	36,292	33,340	1,090	1,861	5.1	776	710	66	8.5
55 years and over	6,908	6,392	231	285	4.1	1,107	1,049	57	5.1
Women, 16 years and over	32,535	27,953	2,518	2,064	6.3	9,895	9,188	708	7.2
16 to 19 years	1,536	918	363	255	16.6	1,807	1,554	253	14.0
20 years and over	30,999	27,034	2,155	1,810	5.8	8,089	7,634	455	5.6
20 to 24 years	5,149	4,181	512	456	8.9	1,215	1,112	103	8.5
25 years and over	25,850	22,854	1,643	1,353	5.2	6,874	6,522	352	5.1
25 to 54 years	22,105	19,522	1,376	1,208	5.5	5,273	4,990	284	5.4
55 years and over	3,745	3,333	268	144	3.8	1,601	1,533	68	4.2
Black									
Men, 16 years and over	5,697	4,373	432	892	15.7	429	319	110	25.7
16 to 19 years	273	95	58	119	43.8	167	99	68	41.0
20 years and over	5,424	4,278	373	773	14.2	262	220	42	16.0
20 to 24 years	939	561	123	255	27.1	84	66	18	21.2
25 years and over	4,485	3,717	249	518	11.5	179	155	24	13.4
25 to 54 years	3,940	3,248	219	474	12.0	101	87	14	13.9
55 years and over	545	469	30	44	8.1	78	68	10	12.8
Women, 16 years and over	5,107	3,852	494	761	14.9	799	649	150	18.8
16 to 19 years	220	76	47	97	44.1	167	99	68	40.6
20 years and over	4,888	3,776	447	664	13.6	632	550	82	13.0
20 to 24 years	777	467	106	203	26.2	127	99	28	21.9
25 years and over	4,111	3,308	341	446	10.9	504	451	54	10.7
25 to 54 years	3,661	2,940	286	435	11.9	332	288	45	13.6
55 years and over	450	368	55	11	2.5	172	163	9	5.2

¹ Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

8. Employment status of the civilian noninstitutional population by family relationship

(Numbers in thousands)

Family relationship	1984									
	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	93,930	64.8	86,767	7,162	7.6	50,974	25,621	7,181	2,079	16,093
Husbands	39,258	78.9	37,511	1,747	4.5	10,479	180	182	947	9,170
With employed wife	22,819	91.8	21,922	897	3.9	2,029	66	98	317	1,549
With unemployed wife	1,321	91.7	1,139	182	13.8	120	2	6	32	80
With wife not in labor force	15,118	64.5	14,450	668	4.4	8,330	112	79	598	7,541
Wives	26,289	52.9	24,848	1,441	5.5	23,448	20,405	318	311	2,415
With employed husband	23,061	61.5	21,922	1,139	4.9	14,450	13,217	256	84	894
With unemployed husband	1,079	61.8	897	182	16.9	668	601	20	12	34
With husband not in labor force	2,149	20.5	2,029	120	5.6	8,330	6,587	42	214	1,487
Relatives in married-couple families	13,896	63.4	12,013	1,883	13.6	8,024	898	4,849	293	1,983
16 to 19 years	5,359	54.2	4,521	839	15.6	4,523	143	3,588	10	782
20 to 24 years	5,528	76.6	4,859	670	12.1	1,684	159	1,129	32	365
25 years and over	3,009	62.4	2,633	374	12.4	1,817	596	132	251	836
Women who maintain families	6,021	60.8	5,397	624	10.4	3,877	2,914	133	164	665
Relatives in families maintained by women	5,285	59.1	4,188	1,097	20.8	3,662	842	1,429	249	1,143
16 to 19 years	1,423	48.0	987	436	30.6	1,540	108	1,104	8	320
20 to 24 years	1,689	73.6	1,340	349	20.7	604	141	260	13	190
25 years and over	2,173	58.9	1,861	312	14.4	1,518	593	65	228	833
Men who maintain families	1,699	75.6	1,558	140	8.3	548	39	26	53	430
Relatives in families maintained by men	1,482	61.3	1,252	230	15.5	936	343	244	62	287
16 to 19 years	278	54.6	214	64	22.9	231	16	163	-	51
20 to 24 years	457	77.1	386	71	15.6	136	40	64	2	30
25 years and over	747	56.8	652	95	12.7	569	287	17	60	206
Persons living alone	-	-	-	-	-	-	-	-	-	-
Men	-	-	-	-	-	-	-	-	-	-
Women	-	-	-	-	-	-	-	-	-	-
All others ¹	-	-	-	-	-	-	-	-	-	-

¹ The majority of these persons are living with nonrelatives. Also included are persons in married-couple families where the husband is in

the Armed Forces, persons in secondary families, and some whose family status is unknown.

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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	
	1983	1984	1983	1984	1983	1984	1983	1984
Total, 16 years and over	6,260	4,744	9.9	7.4	4,457	3,794	9.2	7.6
Married, spouse present	2,634	1,896	6.5	4.6	1,865	1,562	7.0	5.7
Widowed, divorced, or separated	752	551	13.0	9.4	929	809	9.9	8.4
Single (never married)	2,874	2,298	17.3	13.5	1,663	1,423	13.1	11.1
White, 16 years and over	4,859	3,600	8.8	6.4	3,270	2,772	7.9	6.5
Married, spouse present	2,215	1,588	6.0	4.3	1,567	1,308	6.6	5.4
Widowed, divorced, or separated	560	407	11.7	8.4	642	558	8.5	7.2
Single (never married)	2,084	1,605	14.8	11.2	1,061	906	10.2	8.6
Black, 16 years and over	1,213	1,003	20.3	16.4	1,059	911	18.6	15.4
Married, spouse present	336	242	11.3	8.1	237	200	11.1	9.1
Widowed, divorced, or separated	171	128	19.3	14.3	259	230	15.9	13.4
Single (never married)	706	633	33.3	28.2	562	481	29.3	24.3
Total, 25 years and over	3,888	2,909	7.8	5.7	2,670	2,292	7.2	6.0
Married, spouse present	2,365	1,714	6.2	4.4	1,500	1,240	6.3	5.1
Widowed, divorced, or separated	694	507	12.6	9.0	808	713	9.1	7.8
Single (never married)	830	687	12.9	10.1	363	339	7.8	7.0
White, 25 years and over	3,078	2,270	6.9	5.0	1,984	1,705	6.3	5.2
Married, spouse present	1,973	1,436	5.7	4.1	1,258	1,038	6.0	4.8
Widowed, divorced, or separated	509	373	11.2	8.0	549	485	7.8	6.7
Single (never married)	596	461	11.1	8.2	176	182	4.9	4.8
Black, 25 years and over	689	542	15.2	11.6	600	515	13.5	11.2
Married, spouse present	315	220	11.2	7.8	190	154	9.7	7.7
Widowed, divorced, or separated	163	119	19.0	13.8	235	210	15.0	12.6
Single (never married)	211	203	24.4	21.0	175	150	19.3	15.8

10. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	1983	1984	1983	1984	1983	1984	1983	1984
Total, 16 years and over	10,717	8,539	9.6	7.5	9.9	7.4	9.2	7.6
Managerial and professional specialty	795	663	3.3	2.6	3.0	2.3	3.6	3.0
Executive, administrative, and managerial	396	320	3.5	2.7	3.1	2.4	4.5	3.3
Professional specialty	399	343	3.0	2.5	2.9	2.3	3.1	2.8
Technical, sales, and administrative support	2,116	1,706	6.3	5.0	5.4	3.9	6.8	5.6
Technicians and related support	152	96	4.7	2.9	5.3	2.7	4.1	3.2
Sales occupations	850	715	6.7	5.4	4.7	3.8	8.8	7.0
Administrative support, including clerical	1,114	896	6.4	5.1	6.8	4.8	6.3	5.1
Service occupations	1,697	1,413	10.9	9.1	11.1	9.1	10.8	9.1
Private household	79	74	7.4	6.9	8.5	6.5	7.4	7.0
Protective service	120	102	6.7	5.7	6.2	5.3	9.8	8.4
Service, except private household and protective	1,498	1,237	11.8	9.7	12.8	10.4	11.2	9.4
Precision production, craft, and repair	1,466	1,051	10.6	7.5	10.7	7.4	9.8	7.9
Mechanics and repairers	344	229	7.6	5.0	7.6	4.9	7.6	5.6
Construction trades	709	560	14.2	10.9	14.2	10.8	14.1	15.4
Other precision production, craft, and repair	412	262	9.6	6.0	9.6	5.6	9.7	7.5
Operators, fabricators, and laborers	2,955	2,193	15.5	11.5	15.5	11.1	15.5	12.6
Machine operators, assemblers, and inspectors	1,411	954	15.4	10.7	15.2	9.3	15.7	12.5
Transportation and material moving occupations	596	454	12.4	9.2	12.6	9.2	10.4	9.3
Handlers, equipment cleaners, helpers, and laborers	948	785	18.6	15.1	19.0	15.2	16.7	14.6
Construction laborers	207	194	25.8	22.5	25.5	22.0	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	740	591	17.2	13.6	17.5	13.6	16.2	13.9
Farming, forestry, and fishing	407	332	9.9	8.5	9.6	8.2	11.5	9.9
No previous work experience	1,218	1,114	-	-	-	-	-	-
16 to 19 years	869	747	-	-	-	-	-	-
20 to 24 years	229	245	-	-	-	-	-	-
25 years and over	121	122	-	-	-	-	-	-

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

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11. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	1983	1984	1983	1984	1983	1984	1983	1984
Total, 16 years and over	10,717	8,539	9.6	7.5	9.9	7.4	9.2	7.6
Nonagricultural private wage and salary workers	8,101	6,253	9.9	7.4	10.5	7.5	9.1	7.3
Mining	182	103	17.0	10.0	18.5	10.9	9.3	5.4
Construction	1,005	817	18.4	14.3	19.0	14.7	12.2	10.3
Manufacturing	2,454	1,654	11.2	7.5	10.8	6.6	12.2	9.2
Durable goods	1,562	955	12.1	7.2	12.0	7.0	12.4	7.9
Lumber and wood products	104	74	15.0	10.2	14.4	9.8	18.7	13.1
Furniture and fixtures	65	56	12.2	9.6	11.4	9.5	14.1	9.9
Stone, clay, and glass products	68	58	11.2	9.1	11.1	9.1	11.6	9.2
Primary metal industries	200	116	20.0	12.0	20.1	12.1	19.5	11.4
Fabricated metal products	205	129	14.4	9.2	14.2	9.4	15.0	8.4
Machinery, except electrical	331	153	12.2	5.5	12.4	5.4	11.3	6.0
Electrical machinery, equipment, and supplies	205	142	8.9	5.9	7.0	4.5	11.4	7.6
Transportation equipment	262	147	10.9	5.9	10.8	5.8	11.3	6.3
Automobiles	144	91	12.6	7.2	11.9	6.7	16.1	9.0
Other transportation equipment	119	56	9.4	4.5	9.9	4.7	7.8	3.3
Professional and photographic equipment	49	30	7.0	4.4	5.4	3.3	9.4	6.1
Other durable goods industries	72	50	13.6	9.8	12.1	7.4	15.4	12.7
Nondurable goods	892	699	10.0	7.8	8.5	5.9	12.0	10.4
Food and kindred products	244	194	13.1	10.4	11.0	8.2	17.4	15.2
Textile mil. products	78	71	9.6	8.6	9.3	7.4	9.9	9.9
Apparel and other textile products	160	144	12.4	10.8	13.1	8.2	12.2	11.4
Paper and allied products	49	38	6.8	5.7	5.8	4.6	9.7	9.1
Printing and publishing	110	83	6.7	4.9	6.2	4.1	7.5	6.1
Chemicals and allied products	90	57	7.3	4.7	6.1	3.6	9.9	7.0
Rubber and miscellaneous plastics products	82	59	10.6	7.5	8.6	5.6	14.4	10.9
Other nondurable goods industries	78	53	13.3	10.2	11.4	7.7	15.5	13.7
Transportation and public utilities	424	330	7.4	5.5	8.2	6.0	5.4	4.3
Transportation	334	251	8.6	6.2	9.4	6.6	5.7	4.6
Communications and other public utilities	90	79	3.6	3.0	3.3	3.0	4.0	3.0
Wholesale and retail trade	2,109	1,710	10.0	8.0	9.1	6.9	11.0	9.1
Wholesale trade	321	223	7.5	5.5	7.0	4.9	8.6	6.9
Retail trade	1,788	1,487	10.7	8.5	9.9	7.6	11.3	9.4
Finance, insurance, and real estate	272	232	4.5	3.7	4.3	3.8	4.6	3.6
Service industries	1,657	1,407	7.9	6.6	8.7	7.0	7.4	6.3
Professional services	650	539	5.5	4.5	5.3	4.1	5.5	4.6
Other service industries	1,007	868	11.3	9.3	11.6	9.3	10.9	9.3
Agricultural wage and salary workers	300	243	16.0	13.5	15.2	12.6	18.7	17.2
Government, self-employed, and unpaid family workers	1,097	928	4.2	3.5	4.1	3.4	4.2	3.6
No previous work experience	1,218	1,114	-	-	-	-	-	-

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	
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
NUMBER OF UNEMPLOYED												
Total unemployed	10,717	8,539	5,257	3,932	3,632	3,107	1,829	1,499	8,128	6,372	2,272	1,914
Job losers	6,258	4,421	4,088	2,800	1,801	1,350	370	271	4,896	3,406	1,307	994
On layoff	1,780	1,171	1,190	739	512	368	78	64	1,513	1,002	237	147
Other job losers	4,478	3,250	2,898	2,061	1,289	982	292	207	3,383	2,404	1,070	846
Job leavers	830	823	336	324	384	386	110	114	683	680	19	23
Reentrants	2,412	2,184	695	663	1,235	1,151	482	370	1,722	1,566	602	545
New entrants	1,216	1,110	138	146	212	220	867	745	827	719	344	353
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	58.4	51.8	77.7	71.2	49.6	43.5	20.2	18.1	60.2	53.4	57.5	51.9
On layoff	16.6	13.7	22.6	18.8	14.1	11.9	4.3	4.3	18.6	15.7	10.4	7.7
Other job losers	41.8	38.1	55.1	52.4	35.5	31.6	15.9	13.8	41.6	37.7	47.1	44.2
Job leavers	7.7	9.6	6.4	8.2	10.6	12.4	6.0	7.6	8.4	10.7	.8	1.2
Reentrants	22.5	25.6	13.2	16.8	34.0	37.1	26.4	24.7	21.2	24.6	26.5	28.5
New entrants	11.3	13.0	2.6	3.7	5.8	7.1	47.4	49.7	10.2	11.3	15.1	18.4
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	5.6	3.9	6.9	4.7	4.0	2.9	4.6	3.4	5.1	3.4	11.2	8.3
Job leavers .....	.7	.7	.6	.5	.9	.8	1.3	1.4	.7	.7	.2	.2
Reentrants	2.2	1.9	1.2	1.1	2.8	2.5	5.9	4.7	1.8	1.6	5.2	4.5
New entrants	1.1	1.0	.2	.2	.5	.5	10.6	9.4	.9	.7	3.0	2.9

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

(Percent distribution)

Reason, sex, and age	1984						
	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	8,539	100.0	39.2	28.7	32.1	12.9	19.1
Job losers	4,421	100.0	31.9	28.0	40.1	15.5	24.5
On layoff	1,171	100.0	46.1	27.8	26.1	12.5	13.6
Other job losers	3,250	100.0	26.8	28.1	45.1	16.7	28.4
Job leavers	823	100.0	45.8	29.9	24.4	11.3	13.1
Reentrants	2,184	100.0	47.6	29.3	23.2	9.9	13.2
New entrants	1,110	100.0	47.2	29.4	23.5	9.6	13.8
Men, 20 years and over	3,932	100.0	32.3	27.6	40.1	14.5	25.6
Job losers	2,800	100.0	29.5	27.0	43.5	15.6	27.9
On layoff	739	100.0	43.7	27.6	28.7	13.5	15.2
Other job losers	2,061	100.0	24.4	26.8	48.8	16.4	32.4
Job leavers	324	100.0	39.2	30.5	30.3	13.7	16.7
Reentrants	663	100.0	40.4	29.0	30.7	11.1	19.5
New entrants	146	100.0	33.4	25.8	40.8	11.3	29.4
Women, 20 years and over	3,107	100.0	41.8	29.1	29.2	12.8	16.3
Job losers	1,350	100.0	32.9	29.5	37.5	16.5	21.0
On layoff	368	100.0	46.5	28.7	24.7	12.1	12.6
Other job losers	982	100.0	27.8	29.8	42.3	18.1	24.2
Job leavers	386	100.0	46.3	30.3	23.4	10.5	12.8
Reentrants	1,151	100.0	49.9	28.5	21.6	10.0	11.6
New entrants	220	100.0	45.8	26.8	27.4	9.5	17.9
Both sexes, 16 to 19 years	1,499	100.0	52.2	31.0	16.9	8.8	8.1
Job losers	271	100.0	51.8	31.0	17.2	10.1	7.1
On layoff	64	100.0	70.9	25.1	4.0	3.0	1.0
Other job losers	207	100.0	45.9	32.8	21.3	12.3	9.0
Job leavers	114	100.0	62.6	26.7	10.7	6.9	3.7
Reentrants	370	100.0	53.2	32.4	14.5	7.5	6.9
New entrants	745	100.0	50.3	30.8	18.9	9.3	9.6

14. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	1983	1984	1983	1984	1983	1984	1983	1984
Total, 16 years and over	10,717	8,539	100.0	100.0	9,075	7,057	100.0	100.0
Less than 5 weeks	3,570	3,350	33.3	39.2	2,693	2,502	29.7	35.5
5 to 14 weeks	2,937	2,451	27.4	28.7	2,464	2,049	27.2	29.0
5 to 10 weeks	2,077	1,759	19.4	20.6	1,720	1,453	19.0	20.6
11 to 14 weeks	860	693	8.0	8.1	743	596	8.2	8.4
15 weeks and over	4,210	2,737	39.3	32.1	3,918	2,506	43.2	35.5
15 to 26 weeks	1,652	1,104	15.4	12.9	1,489	983	16.4	13.9
27 weeks and over	2,559	1,634	23.9	19.1	2,430	1,522	26.8	21.6
27 to 51 weeks	1,131	585	10.6	6.9	1,072	542	11.8	7.7
52 weeks and over	1,427	1,048	13.3	12.3	1,358	980	15.0	13.9
Average (mean) duration, in weeks	20.0	18.2	-	-	21.8	20.0	-	-
Median duration, in weeks	10.1	7.9	-	-	11.7	9.1	-	-

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	
								1983	1984	1983	1984
	1984							1983	1984	1983	1984
Total, 16 years and over	8,539	3,350	2,451	1,104	1,634	18.2	7.9	33.3	39.2	39.3	32.1
16 to 19 years	1,499	783	464	132	121	9.8	4.8	46.6	52.2	21.2	16.9
20 to 24 years	1,838	757	550	237	293	16.0	7.1	36.8	41.2	34.2	28.9
25 to 34 years	2,374	883	692	320	479	19.1	8.6	30.1	37.2	43.6	33.6
35 to 44 years	1,335	455	361	192	327	22.1	9.9	27.3	34.1	46.8	38.9
45 to 54 years	828	270	225	112	222	23.5	10.6	25.5	32.6	49.6	40.3
55 to 64 years	566	164	138	97	167	26.2	13.3	26.3	28.9	51.7	46.7
65 years and over	97	38	21	13	25	23.0	8.9	35.6	39.2	40.7	38.8
Men, 16 years and over	4,744	1,670	1,348	648	1,077	21.1	9.3	28.3	35.2	44.6	36.4
16 to 19 years	812	402	263	76	71	10.4	5.1	43.7	49.5	24.0	18.1
20 to 24 years	1,023	388	300	144	192	18.1	8.3	30.9	37.9	39.4	32.8
25 to 34 years	1,322	434	380	185	324	22.5	10.1	24.4	32.8	49.8	38.4
35 to 44 years	728	211	189	110	219	26.6	12.5	23.0	29.0	51.9	45.0
45 to 54 years	450	124	121	64	141	27.2	13.0	20.6	27.6	55.4	45.6
55 to 64 years	356	92	85	63	115	28.6	15.2	22.6	25.9	55.4	50.3
65 years and over	53	19	11	7	16	26.5	10.8	35.8	36.6	42.9	42.3
Women, 16 years and over	3,794	1,679	1,103	456	556	14.6	6.4	40.3	44.3	31.8	26.7
16 to 19 years	687	381	200	56	50	9.1	4.5	50.1	55.4	17.8	15.4
20 to 24 years	815	370	250	94	102	13.3	6.0	45.2	45.3	26.8	24.0
25 to 34 years	1,052	449	312	135	155	14.9	6.9	38.5	42.7	34.5	27.6
35 to 44 years	607	243	172	82	109	16.7	7.6	33.0	40.1	39.9	31.5
45 to 54 years	378	145	104	48	80	19.1	8.5	32.4	38.5	41.3	33.9
55 to 64 years	211	72	53	34	52	22.1	10.4	33.0	34.1	45.1	40.6
65 years and over	45	19	10	6	9	18.9	6.9	35.3	42.3	37.0	34.6
White, 16 years and over	6,372	2,560	1,831	831	1,150	17.5	7.6	33.6	40.2	38.6	31.1
Men	3,600	1,289	1,022	506	783	20.5	9.1	28.7	35.8	43.7	35.8
Women	2,772	1,271	809	324	367	13.7	6.0	40.8	45.8	31.1	25.0
Black, 16 years and over	1,914	680	549	239	446	20.8	8.1	31.9	35.5	42.3	35.8
Men	1,003	326	286	120	271	23.7	9.2	26.2	32.5	49.1	39.0
Women	911	354	263	119	176	17.5	7.0	38.4	38.9	34.6	32.3
Men, 16 years and over:											
Married, spouse present	1,896	583	520	284	510	24.0	11.0	24.2	30.7	50.4	41.8
Widowed, divorced, or separated	551	168	150	80	153	25.0	11.6	24.2	30.5	52.4	42.2
Single (never married)	2,298	920	678	285	415	17.7	7.5	33.2	40.0	37.2	30.4
Women, 16 years and over:											
Married, spouse present	1,562	695	452	204	211	14.0	6.4	39.1	44.5	34.0	26.6
Widowed, divorced, or separated	809	316	230	97	166	18.8	8.2	34.6	39.1	38.7	32.5
Single (never married)	1,423	668	421	155	179	13.0	5.7	44.8	47.0	25.6	23.4

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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	
								1983	1984	1983	1984
	1984										
OCCUPATION											
Managerial and professional specialty	663	236	204	90	134	18.4	8.8	30.1	35.6	42.7	33.7
Technical, sales, and administrative support	1,706	710	496	219	282	15.9	7.2	35.9	41.6	36.6	29.4
Service occupations	1,413	580	414	170	248	17.2	7.3	37.3	41.1	34.5	29.6
Precision production, craft, and repair	1,051	379	286	153	232	20.5	9.2	27.1	36.1	45.6	36.7
Operators, fabricators, and laborers	2,193	758	603	308	524	21.9	9.6	27.6	34.6	47.4	37.9
Farming, forestry, and fishing	332	140	100	46	46	14.6	6.8	40.2	42.2	27.5	27.7
INDUSTRY¹											
Agriculture	243	106	75	33	28	12.8	6.4	41.3	43.7	25.1	25.2
Construction	858	322	257	131	148	17.2	8.4	29.2	37.5	40.7	32.6
Manufacturing	1,659	546	429	234	451	24.4	10.5	24.4	32.9	52.5	41.3
Durable goods	959	291	239	131	298	27.8	12.0	21.3	30.3	57.7	44.8
Nondurable goods	700	255	190	103	153	19.7	9.0	29.9	36.4	43.4	36.4
Transportation and public utilities	375	119	108	58	90	21.6	10.4	27.8	31.7	46.2	39.5
Wholesale and retail trade	1,724	721	508	213	282	16.1	7.0	36.9	41.8	35.1	28.7
Finance and service industries	2,003	800	586	259	359	17.0	7.7	36.0	39.9	36.2	30.8
Public administration	272	94	89	37	52	18.6	8.9	30.8	34.5	39.4	32.7
No previous work experience	1,114	527	327	107	154	14.3	5.6	44.7	47.3	24.9	23.4

¹ Includes wage and salary workers only.

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

Sex, age, and race	1984								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,539	7,225	24.1	5.8	76.3	34.4	18.0	4.8	1.63
16 to 19 years	1,499	1,412	14.9	2.6	82.1	24.6	14.9	3.2	1.42
20 to 24 years	1,838	1,622	25.9	5.7	77.7	35.3	17.3	3.7	1.66
25 to 34 years	2,374	1,944	27.3	7.0	74.5	37.1	19.3	4.8	1.70
35 to 44 years	1,335	1,086	29.2	7.4	74.5	38.0	19.0	5.2	1.73
45 to 54 years	828	642	24.1	6.5	74.1	38.8	19.0	6.2	1.69
55 to 64 years	566	441	21.3	5.7	70.1	35.4	20.4	9.5	1.62
65 years and over	97	79	11.4	2.5	62.0	31.6	24.1	8.9	1.41
Men, 16 years and over	4,744	3,889	26.5	5.8	77.6	31.9	20.9	5.8	1.68
16 to 19 years	812	757	16.2	2.2	83.1	22.3	16.2	3.0	1.43
20 to 24 years	1,023	884	28.1	5.8	78.4	32.1	21.2	3.8	1.69
25 to 34 years	1,322	1,032	30.5	7.2	76.4	34.6	22.4	6.0	1.77
35 to 44 years	728	560	33.6	8.0	76.1	36.8	22.3	3.8	1.84
45 to 54 years	450	337	27.3	6.2	74.8	36.8	22.6	8.9	1.77
55 to 64 years	356	276	21.4	5.4	72.8	31.5	21.7	12.3	1.65
65 years and over	53	43	11.6	2.3	69.8	32.6	23.3	9.3	1.49
Women, 16 years and over	3,794	3,336	21.3	5.8	74.7	37.3	14.7	3.6	1.57
16 to 19 years	687	655	13.3	3.1	80.9	27.3	13.3	3.2	1.41
20 to 24 years	815	738	23.3	5.7	76.8	39.2	12.7	3.5	1.61
25 to 34 years	1,052	912	23.7	6.8	72.4	39.9	15.8	3.5	1.62
35 to 44 years	607	525	24.6	6.9	73.0	39.4	15.4	3.6	1.63
45 to 54 years	378	306	20.6	6.9	73.2	40.8	15.0	3.6	1.60
55 to 64 years	211	165	21.8	6.1	65.5	41.8	18.2	4.8	1.58
65 years and over	45	35	11.4	2.9	54.3	31.4	25.7	8.6	1.34
White, 16 years and over	6,372	5,244	22.7	5.8	76.4	36.0	17.9	5.1	1.64
Men	3,600	2,860	25.4	5.7	77.9	33.2	21.0	6.4	1.70
Women	2,772	2,383	19.6	5.9	74.7	39.3	14.2	3.7	1.57
Black, 16 years and over	1,914	1,758	27.9	5.6	76.1	29.9	17.9	3.5	1.61
Men	1,003	907	29.9	6.0	77.5	27.3	20.2	3.6	1.64
Women	911	851	25.9	5.3	74.7	32.7	15.5	3.4	1.57

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.

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

Sex and reason	1984								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,539	7,225	24.1	5.8	76.3	34.4	18.0	4.8	1.63
Job losers ¹	4,421	3,251	30.4	6.9	77.2	36.1	21.0	5.3	1.77
Job leavers	823	819	22.2	6.6	76.1	40.4	17.1	3.7	1.66
Reentrants	2,184	2,058	18.7	4.8	72.9	33.4	14.7	5.2	1.50
New entrants	1,110	1,097	16.7	3.6	79.9	26.5	16.3	3.3	1.46
Men, 16 years and over	4,744	3,889	26.5	5.8	77.6	31.9	20.9	5.8	1.68
Job losers ¹	2,976	2,192	31.3	6.5	77.8	33.0	22.7	6.4	1.78
Job leavers	375	369	24.9	6.0	77.2	39.3	21.7	3.8	1.73
Reentrants	867	807	20.2	4.7	74.7	30.5	17.6	6.7	1.54
New entrants	526	520	16.7	4.0	81.7	23.8	18.3	3.1	1.48
Women, 16 years and over	3,794	3,336	21.3	5.8	74.7	37.3	14.7	3.6	1.57
Job losers ¹	1,445	1,059	28.5	7.7	75.8	42.6	17.6	2.8	1.75
Job leavers	449	450	20.0	7.1	75.1	41.6	13.3	3.6	1.61
Reentrants	1,317	1,250	17.6	4.8	71.9	35.1	12.9	4.2	1.46
New entrants	584	577	16.6	3.3	78.0	28.9	14.6	3.6	1.45

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

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

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

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

(In thousands)

Industry and age	Total		Men		Women	
	1983	1984	1983	1984	1983	1984
All industries	100,834	105,005	56,787	59,091	44,047	45,915
16 to 19 years	6,342	6,444	3,300	3,322	3,043	3,122
16 to 17 years	2,320	2,404	1,213	1,244	1,107	1,161
18 to 19 years	4,022	4,040	2,087	2,078	1,935	1,962
20 to 24 years	13,722	14,207	7,232	7,571	6,490	6,636
25 to 54 years	66,528	70,125	37,799	39,801	28,729	30,324
25 to 34 years	28,756	30,348	16,216	17,166	12,540	13,182
35 to 44 years	21,960	23,598	12,450	13,309	9,510	10,289
45 to 54 years	15,812	16,178	9,133	9,326	6,678	6,852
55 to 64 years	11,315	11,395	6,686	6,694	4,629	4,700
55 to 59 years	6,844	6,892	4,061	4,055	2,783	2,837
60 to 64 years	4,471	4,502	2,626	2,639	1,845	1,863
65 years and over	2,927	2,835	1,770	1,703	1,157	1,133
Agriculture	3,383	3,321	2,704	2,668	680	653
16 to 19 years	334	309	274	250	60	58
16 to 17 years	154	147	127	117	27	30
18 to 19 years	180	161	147	133	33	28
20 to 24 years	446	413	364	341	82	72
25 to 54 years	1,827	1,856	1,413	1,446	414	410
25 to 34 years	784	755	629	617	155	138
35 to 44 years	563	600	426	454	137	146
45 to 54 years	480	500	358	375	122	125
55 to 64 years	491	474	399	396	92	77
55 to 59 years	265	250	213	204	52	46
60 to 64 years	226	224	187	192	39	32
65 years and over	285	270	252	235	32	35
Nonagricultural industries	97,450	101,685	54,083	56,423	43,367	45,262
16 to 19 years	6,008	6,135	3,026	3,071	2,983	3,064
16 to 17 years	2,167	2,257	1,086	1,126	1,080	1,130
18 to 19 years	3,842	3,879	1,939	1,945	1,903	1,934
20 to 24 years	13,276	13,795	6,868	7,230	6,408	6,564
25 to 54 years	64,701	68,269	36,386	38,355	28,315	29,914
25 to 34 years	27,972	29,593	15,587	16,549	12,385	13,044
35 to 44 years	21,397	22,998	12,024	12,855	9,373	10,143
45 to 54 years	15,331	15,678	8,775	8,951	6,556	6,727
55 to 64 years	10,824	10,921	6,287	6,298	4,537	4,623
55 to 59 years	6,579	6,642	3,848	3,851	2,731	2,791
60 to 64 years	4,245	4,279	2,439	2,447	1,806	1,832
65 years and over	2,642	2,565	1,517	1,468	1,125	1,097

**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	
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
Total	100,834	105,005	56,787	59,091	53,487	55,769	44,047	45,915	41,004	42,793
Managerial and professional specialty	23,592	24,858	13,933	14,529	13,854	14,444	9,659	10,329	9,575	10,232
Executive, administrative, and managerial	10,772	11,571	7,282	7,683	7,252	7,646	3,490	3,889	3,463	3,856
Officials and administrators, public administration	495	497	321	311	321	310	173	186	173	185
Other executive, administrative, and managerial	7,311	7,847	5,190	5,526	5,165	5,494	2,121	2,320	2,101	2,296
Management-related occupations	2,966	3,228	1,770	1,845	1,766	1,842	1,196	1,383	1,189	1,375
Professional specialty	12,820	13,286	6,651	6,846	6,602	6,798	6,169	6,440	6,112	6,376
Engineers	1,572	1,627	1,482	1,526	1,481	1,524	91	101	90	99
Mathematical and computer scientists	463	501	326	347	326	346	137	154	137	154
Natural scientists	357	360	284	287	283	287	73	72	73	72
Health diagnosing occupations	735	775	637	671	637	670	98	104	97	104
Health assessment and treating occupations	1,900	1,929	270	262	270	261	1,629	1,668	1,626	1,664
Teachers, college and university	606	619	386	393	385	392	220	227	216	225
Teachers, except college and university	3,365	3,441	979	960	969	950	2,386	2,481	2,363	2,454
Lawyers and judges	651	678	548	568	546	568	103	110	103	110
Other professional specialty occupations	3,171	3,355	1,739	1,832	1,706	1,799	1,432	1,523	1,407	1,494
Technical, sales, and administrative support	31,265	32,476	11,078	11,556	10,539	10,993	20,187	20,920	18,706	19,365
Technicians and related support	3,053	3,172	1,582	1,646	1,560	1,620	1,471	1,527	1,450	1,506
Health technologists and technicians	1,111	1,112	174	185	171	182	937	927	925	919
Engineering and science technicians	1,024	1,060	814	832	803	819	210	228	205	219
Technicians, except health, engineering, and science	917	1,001	593	629	587	619	324	372	320	369
Sales occupations	11,818	12,582	6,201	6,550	5,864	6,187	5,617	6,032	4,806	5,150
Supervisors and proprietors	2,958	3,220	2,119	2,265	2,097	2,245	839	955	824	938
Sales representatives, finance and business services	1,853	1,992	1,164	1,228	1,158	1,219	689	764	673	745
Sales representatives, commodities, except retail	1,442	1,473	1,224	1,228	1,216	1,219	217	246	210	239
Sales workers, retail and personal services	5,511	5,843	1,671	1,810	1,372	1,485	3,839	4,033	3,070	3,196
Sales-related occupations	54	54	22	19	21	19	32	34	30	32
Administrative support, including clerical	16,395	16,722	3,295	3,361	3,114	3,187	13,100	13,361	12,449	12,708
Supervisors	676	647	315	305	314	305	361	342	358	341
Computer equipment operators	605	718	219	253	209	246	387	464	365	443
Secretaries, stenographers, and typists	4,861	4,877	85	113	77	106	4,776	4,765	4,558	4,532
Financial records processing	2,457	2,452	260	245	255	238	2,196	2,207	2,142	2,151
Mail and message distributing	799	800	547	548	520	516	252	253	240	240
Other administrative support, including clerical	6,997	7,228	1,870	1,898	1,739	1,776	5,127	5,330	4,786	5,001
Service occupations	13,857	14,151	5,530	5,545	4,593	4,651	8,326	8,607	7,157	7,473
Private household	980	993	38	38	24	27	942	955	715	763
Protective service	1,672	1,678	1,457	1,461	1,424	1,422	215	217	189	193
Service, except private household and protective	11,205	11,481	4,035	4,046	3,145	3,201	7,170	7,435	6,253	6,517
Food service	4,860	4,989	1,784	1,795	1,170	1,186	3,077	3,194	2,442	2,529
Health service	1,739	1,746	188	169	174	159	1,551	1,577	1,445	1,487
Cleaning and building service	2,736	2,802	1,674	1,708	1,469	1,527	1,062	1,094	981	1,031
Personal service	1,870	1,943	390	374	332	330	1,480	1,569	1,385	1,470
Precision production, craft, and repair	12,328	13,057	11,328	11,945	11,019	11,591	1,000	1,112	969	1,073
Mechanics and repairers	4,158	4,376	4,033	4,244	3,929	4,123	125	132	124	127
Construction trades	4,289	4,573	4,210	4,494	4,065	4,325	79	79	72	73
Other precision production, craft, and repair	3,881	4,108	3,085	3,207	3,025	3,142	795	901	773	873
Operators, fabricators, and laborers	16,091	16,864	11,809	12,479	10,762	11,390	4,282	4,385	4,072	4,148
Machine operators, assemblers, and inspectors	7,744	7,984	4,484	4,702	4,287	4,496	3,259	3,282	3,157	3,157
Manufacturing industries	6,517	6,737	3,695	3,904	3,558	3,754	2,822	2,833	2,748	2,734
Durable goods	3,478	3,718	2,355	2,575	2,272	2,482	1,123	1,143	1,099	1,104
Nondurable goods	3,039	3,019	1,340	1,329	1,286	1,272	1,699	1,690	1,650	1,630
Nonmanufacturing industries	1,226	1,247	790	798	729	742	437	449	408	422
Transportation and material moving occupations	4,201	4,467	3,875	4,098	3,752	3,966	326	369	313	355
Motor vehicle operators	2,978	3,213	2,705	2,906	2,610	2,797	273	307	261	293
Other transportation and material moving occupations	1,223	1,255	1,169	1,192	1,142	1,169	53	62	52	62
Handlers, equipment cleaners, helpers, and laborers	4,147	4,413	3,450	3,679	2,722	2,928	697	734	603	636
Construction laborers	595	668	583	650	514	573	13	17	11	15
Other handlers, equipment cleaners, helpers, and laborers	3,551	3,745	2,868	3,029	2,208	2,354	685	717	592	621
Farming, forestry, and fishing	3,700	3,600	3,108	3,037	2,720	2,700	592	562	524	502
Farm operators and managers	1,450	1,442	1,275	1,262	1,260	1,245	175	180	173	178
Other farming, forestry, and fishing occupations	2,250	2,158	1,833	1,776	1,460	1,455	417	382	351	323

21. Employed civilians by occupation, race, and sex

(Percent distribution)

Occupation and race	Total		Men		Women	
	1983	1984	1983	1984	1983	1984
TOTAL						
Total, 16 years and over (thousands)	100,834	105,005	56,787	59,091	44,047	45,915
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	23.4	23.7	24.5	24.6	21.9	22.5
Executive, administrative, and managerial	10.7	11.0	12.8	13.0	7.9	8.5
Professional specialty	12.7	12.7	11.7	11.6	14.0	14.0
Technical, sales, and administrative support	31.0	30.9	19.5	19.6	45.8	45.6
Technicians and related support	3.0	3.0	2.8	2.8	3.3	3.3
Sales occupations	11.7	12.0	10.9	11.1	12.8	13.1
Administrative support, including clerical	16.3	15.9	5.8	5.7	29.7	29.1
Service occupations	13.7	13.5	9.7	9.4	18.9	18.7
Private household	1.0	.9	.1	.1	2.1	2.1
Protective service	1.7	1.6	2.6	2.5	.5	.5
Service, except private household and protective	11.1	10.9	7.1	6.8	16.3	16.2
Precision production, craft, and repair	12.2	12.4	19.9	20.2	2.3	2.4
Operators, fabricators, and laborers	16.0	16.1	20.8	21.1	9.7	9.6
Machine operators, assemblers, and inspectors	7.7	7.6	7.9	8.0	7.4	7.1
Transportation and material moving occupations	4.2	4.3	6.8	6.9	.7	.8
Handlers, equipment cleaners, helpers, and laborers	4.1	4.2	6.1	6.2	1.6	1.6
Farming, forestry, and fishing	3.7	3.4	5.5	5.1	1.3	1.2
White						
Total, 16 years and over (thousands)	88,893	92,120	50,621	52,462	38,272	39,659
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	24.3	24.6	25.6	25.7	22.6	23.3
Executive, administrative, and managerial	11.3	11.6	13.5	13.7	8.3	8.9
Professional specialty	13.0	13.0	12.1	12.0	14.3	14.4
Technical, sales, and administrative support	31.7	31.6	19.9	20.0	47.2	46.9
Technicians and related support	3.0	3.0	2.8	2.8	3.3	3.3
Sales occupations	12.4	12.7	11.5	11.8	13.5	13.9
Administrative support, including clerical	16.3	15.9	5.6	5.4	30.5	29.8
Service occupations	12.5	12.2	8.8	8.4	17.5	17.2
Private household .....	.8	.7	.1	.1	1.7	1.6
Protective service	1.6	1.5	2.4	2.3	.5	.4
Service, except private household and protective	10.1	9.9	6.3	6.0	15.3	15.2
Precision production, craft, and repair	12.6	12.9	20.5	20.8	2.2	2.4
Operators, fabricators, and laborers	15.1	15.2	19.7	20.0	9.0	8.9
Machine operators, assemblers, and inspectors	7.2	7.2	7.6	7.6	6.8	6.5
Transportation and material moving occupations	4.0	4.1	6.5	6.6	.7	.8
Handlers, equipment cleaners, helpers, and laborers	3.9	4.0	5.6	5.8	1.5	1.6
Farming, forestry, and fishing	3.8	3.5	5.5	5.2	1.4	1.3
Black						
Total, 16 years and over (thousands)	9,375	10,119	4,753	5,124	4,622	4,995
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	14.1	14.1	12.2	12.3	16.1	15.8
Executive, administrative, and managerial	5.4	5.8	5.8	6.3	4.9	5.2
Professional specialty	8.7	8.3	6.4	6.1	11.2	10.6
Technical, sales, and administrative support	25.4	25.6	14.9	15.0	36.2	36.5
Technicians and related support	2.7	2.6	2.0	1.9	3.4	3.3
Sales occupations	6.0	6.2	4.7	4.6	7.3	7.8
Administrative support, including clerical	16.8	16.8	8.2	8.5	25.6	25.3
Service occupations	24.5	24.5	18.5	18.4	30.6	30.7
Private household	2.9	3.0	.2	.1	5.7	5.9
Protective service	2.4	2.5	4.1	4.1	.7	.8
Service, except private household and protective	19.1	19.0	14.3	14.2	24.2	24.0
Precision production, craft, and repair	9.0	9.3	15.7	15.8	2.1	2.6
Operators, fabricators, and laborers	24.1	23.8	33.5	33.6	14.3	13.9
Machine operators, assemblers, and inspectors	11.5	11.2	11.6	11.4	11.5	11.0
Transportation and material moving occupations	5.8	6.2	10.7	11.2	.9	1.0
Handlers, equipment cleaners, helpers, and laborers	6.7	6.5	11.3	11.0	1.9	1.8
Farming, forestry, and fishing	3.0	2.7	5.2	4.9	.6	.5

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

(Numbers in thousands)

Occupation	1984			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Total, 16 years and over	105,005	43.7	9.6	5.4
Managerial and professional specialty	24,858	41.6	5.7	2.7
Executive, administrative, and managerial	11,571	33.6	5.0	3.1
Officials and administrators, public administration	430	39.8	9.7	3.3
Financial managers	354	36.8	2.8	3.1
Personnel and labor relations managers	109	46.3	4.6	3.2
Purchasing managers	86	22.6	1.8	2.7
Managers, marketing, advertising, and public relations	365	22.9	2.8	2.1
Administrators, education and related fields	438	43.8	10.7	2.2
Managers, medicine and health	96	61.2	6.4	1.9
Managers, properties and real estate	329	41.3	4.0	5.2
Management-related occupations	3,228	42.8	6.3	3.2
Accountants and auditors	1,234	40.9	5.5	2.9
Underwriters and other financial officers	589	47.8	5.4	2.9
Management analysts	126	28.6	4.0	1.9
Personnel, training, and labor relations specialists	331	55.5	11.7	4.0
Buyers, wholesale and retail trade, except farm products	204	42.2	3.1	3.8
Construction inspectors	59	3.5	2.6	5.2
Inspectors and compliance officers, except construction	166	22.0	12.2	3.4
Professional specialty	13,286	48.5	6.3	2.5
Architects	107	10.8	2.4	3.6
Engineers	1,627	6.2	2.6	2.2
Aerospace engineers	80	3.3	4.2	1.6
Chemical engineers	56	8.9	2.2	1.5
Civil engineers	223	6.1	1.0	2.9
Electrical and electronic engineers	491	7.1	4.0	2.4
Industrial engineers	192	9.3	2.4	1.8
Mechanical engineers	268	4.9	2.2	1.5
Mathematical and computer scientists	501	30.7	5.4	2.3
Computer systems analysts and scientists	310	30.0	5.3	1.8
Operations and systems researchers and analysts	140	31.1	5.3	3.3
Natural scientists	360	20.1	3.2	2.2
Chemists, except biochemists	101	23.4	6.3	2.4
Geologists and geodesists	58	14.0	.6	2.5
Biological and life scientists	60	31.0	3.4	3.1
Health diagnosing occupations	775	13.4	3.8	3.7
Physicians	520	16.0	5.0	5.1
Dentists	138	6.2	.9	1.2
Health assessment and treating occupations	1,929	86.4	7.1	2.1
Registered nurses	1,402	96.0	7.6	1.8
Pharmacists	162	28.5	2.9	1.9
Dietitians	70	95.1	16.1	1.4
Therapists	251	76.8	5.4	3.5
Inhalation therapists	67	68.7	7.4	4.4
Physical therapists	68	76.7	3.9	5.8
Speech therapists	51	90.0	2.9	.1
Teachers, college and university	619	36.6	4.7	1.8
Teachers, except college and university	3,441	72.1	8.8	2.5
Prekindergarten and kindergarten	330	98.9	12.0	3.4
Elementary school	1,322	84.6	9.9	2.5
Secondary school	1,203	51.2	7.7	2.5
Special education	182	84.9	11.9	1.6
Teachers, n.e.c.	404	65.8	4.4	2.4
Counselors, educational and vocational	192	54.2	12.2	3.1
Librarians, archivists, and curators	223	83.6	7.4	1.9
Librarians	210	85.9	7.6	1.8
Social scientists and urban planners	278	46.6	7.0	2.6
Economists	110	39.6	4.8	2.8
Psychologists	137	54.8	9.4	2.4
Social, recreation, and religious workers	846	44.4	12.1	3.1
Social workers	428	64.1	18.3	5.0
Recreation workers	63	72.1	10.2	2.2
Clergy	290	6.3	5.3	1.0
Religious workers, n.e.c.	66	57.5	4.0	1.2
Lawyers and judges	678	16.2	2.6	1.7
Lawyers	646	16.1	2.3	1.6
Writers, artists, entertainers, and athletes	1,685	42.5	4.6	2.6
Authors	71	49.4	1.1	.7
Technical writers	52	41.1	4.5	2.2
Designers	448	52.0	3.2	2.1
Musicians and composers	161	27.6	6.4	2.7
Actors and directors	68	31.5	4.2	3.9
Painters, sculptors, craft-artists, and artist printmakers	212	47.4	2.4	3.1
Photographers	123	20.2	8.5	3.2
Editors and reporters	218	46.2	3.2	1.4
Public relations specialists	153	48.6	6.1	2.3
Announcers	55	22.0	11.7	4.5
Athletes	60	18.1	5.0	2.2

See footnotes at end of table.

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

(Numbers in thousands)

Occupation	1984			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Technical, sales, and administrative support	32,476	64.4	8.0	4.5
Technicians and related support	3,172	48.1	8.3	3.8
Health technologists and technicians	1,112	83.4	13.1	3.7
Clinical laboratory technologists and technicians	281	75.6	12.8	4.4
Dental hygienists	62	99.0	2.6	.2
Radiologic technicians	110	66.9	7.4	3.5
Licensed practical nurses	416	96.3	17.1	4.1
Engineering and related technologists and technicians	860	18.3	5.0	4.9
Electrical and electronic technicians	273	13.8	5.9	5.2
Drafting occupations	305	15.4	3.7	5.4
Surveying and mapping technicians	60	12.1	3.1	2.5
Science technicians	200	35.4	9.4	3.1
Biological technicians	55	46.4	4.1	3.2
Chemical technicians	72	26.9	14.4	1.9
Technicians, except health, engineering, and science	1,001	37.1	5.5	2.9
Airplane pilots and navigators	75	2.1	.2	(¹)
Computer programmers	507	35.4	5.3	2.7
Legal assistants	137	73.9	5.1	5.8
Sales occupations	12,582	47.9	5.0	4.0
Supervisors and proprietors	3,220	29.7	3.3	3.7
Sales representatives, finance and business services	1,992	38.4	3.2	2.3
Insurance sales	551	25.5	5.4	2.4
Real estate sales	626	48.2	1.5	2.2
Securities and financial services sales	237	23.9	2.6	.5
Advertising and related sales	129	47.1	4.2	2.4
Sales occupations, other business services	448	45.6	2.7	3.3
Sales representatives, commodities, except retail	1,473	16.7	1.8	2.7
Sales workers, retail and personal services	5,843	69.0	7.3	5.1
Sales workers, motor vehicles and boats	259	9.0	4.6	3.6
Sales workers, apparel	440	83.0	6.6	5.3
Sales workers, shoes	126	63.9	8.9	9.4
Sales workers, furniture and home furnishings	156	49.4	5.0	5.9
Sales workers, radio, television, hi-fi, and appliances	164	26.4	2.6	2.9
Sales workers, hardware and building supplies	209	23.1	2.8	4.7
Sales workers, parts	156	9.8	3.0	4.7
Sales workers, other commodities	1,477	74.7	5.7	4.2
Sales counter clerks	131	70.8	7.9	4.3
Cashiers	2,193	83.8	10.7	6.0
Street and door-to-door sales workers	392	78.4	4.1	4.8
News vendors	138	27.9	5.5	2.6
Sales-related occupations	54	64.1	1.6	3.4
Administrative support, including clerical	16,722	79.9	10.2	5.0
Supervisors	647	52.9	11.5	3.8
General office	375	64.8	11.7	3.7
Financial records processing	81	65.8	7.1	2.9
Supervisors, distribution, scheduling, and adjusting clerks	149	22.2	15.1	4.6
Computer equipment operators	718	64.7	12.8	6.0
Computer operators	713	64.7	12.7	6.1
Secretaries, stenographers, and typists	4,877	97.7	7.9	4.5
Secretaries	3,935	98.3	6.1	4.2
Stenographers	58	86.6	7.9	.7
Typists	885	95.7	16.1	5.8
Information clerks	1,250	88.9	8.3	5.4
Interviewers	181	86.2	10.7	6.3
Hotel clerks	74	71.4	7.6	5.3
Transportation ticket and reservation agents	97	59.9	9.5	4.5
Receptionists	665	96.9	7.6	5.6
Records processing occupations, except financial	847	82.1	13.4	5.5
Order clerks	185	79.0	11.4	5.2
Personnel clerks, except payroll and timekeeping	64	90.6	16.3	6.9
Library clerks	130	82.3	7.1	5.5
File clerks	298	82.6	18.4	6.5
Records clerks	146	81.7	10.7	3.8
Financial records processing	2,452	90.0	4.9	3.5
Bookkeepers, accounting, and auditing clerks	2,010	91.2	4.3	3.3
Payroll and timekeeping clerks	176	84.8	7.8	3.1
Billing clerks	146	87.2	8.2	3.3
Cost and rate clerks	81	78.1	4.4	5.7
Duplicating, mail and other office machine operators	72	69.8	15.9	7.2
Communications equipment operators	234	92.0	17.7	4.6
Telephone operators	226	92.8	17.6	4.5
Mail and message distributing occupations	800	31.6	19.1	4.6
Postal clerks, except mail carriers	257	36.0	23.9	4.5
Mail carriers, postal service	249	17.1	15.1	3.0
Mail clerks, except postal service	175	51.1	18.0	5.5
Messengers	120	23.8	18.5	6.8

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	1984			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Material recording, scheduling, and distributing clerks	1,608	38.5	11.8	6.4
Dispatchers	164	44.1	11.6	3.1
Production coordinators	193	48.5	6.3	3.5
Traffic, shipping, and receiving clerks	447	25.2	13.7	8.9
Stock and inventory clerks	536	37.9	12.0	6.7
Weighers, measurers, and checkers	69	47.3	9.3	6.4
Expeditors	120	59.9	11.6	4.3
Adjusters and investigators	685	70.6	13.4	5.3
Insurance adjusters, examiners, and investigators	206	64.1	12.3	3.4
Investigators and adjusters, except insurance	315	72.2	13.7	4.6
Eligibility clerks, social welfare	71	89.5	18.6	10.4
Bill and account collectors	93	65.1	10.9	7.8
Miscellaneous administrative support	2,531	85.1	12.8	6.6
General office clerks	664	80.9	12.3	6.5
Bank tellers	482	91.4	7.9	6.4
Data entry keyers	351	91.3	20.7	5.7
Statistical clerks	95	75.4	10.6	6.0
Teachers' aides	345	93.0	18.7	12.1
Service occupations	14,151	60.8	17.5	7.1
Private household	993	96.2	30.3	9.3
Child care workers	383	97.4	9.5	5.8
Cleaners and servants	544	95.2	43.5	11.4
Protective service	1,678	12.9	15.0	4.4
Supervisors, protective service	135	5.9	12.0	3.4
Supervisors, police and detectives	65	6.0	10.2	3.2
Firefighting and fire prevention	185	.7	5.3	2.8
Firefighting occupations	168	.1	5.0	2.8
Police and detectives	671	10.8	15.4	4.4
Police and detectives, public service	422	7.7	11.6	4.8
Sheriffs, bailiffs, and other law enforcement officers	83	13.1	12.5	5.2
Correctional institution officers	167	17.6	26.3	3.0
Guards	687	19.7	17.9	4.9
Guards and police, except public service	603	13.9	19.2	5.3
Service occupations, except private household and protective service	11,481	64.8	16.8	7.3
Food preparation and service occupations	4,989	64.0	12.0	7.1
Supervisors	259	66.7	14.1	5.7
Bartenders	340	48.9	2.5	3.8
Waiters and waitresses	1,380	86.3	4.9	4.7
Cooks, except short order	1,412	52.0	18.0	8.0
Short-order cooks	95	37.7	18.4	3.3
Food counter, fountain, and related occupations	367	79.3	10.7	6.8
Kitchen workers, food preparation	147	73.7	18.5	10.5
Waiters' and waitresses' assistants	344	40.8	11.4	11.2
Miscellaneous food preparation	644	55.0	16.6	10.5
Health service occupations	1,746	90.3	24.2	5.0
Dental assistants	170	98.2	4.4	4.9
Health aides, except nursing	341	86.4	16.8	5.3
Nursing aides, orderlies, and attendants	1,235	90.4	29.0	4.9
Cleaning and building service occupations	2,802	39.0	24.4	9.6
Supervisors	127	38.0	22.4	6.6
Maids and housemen	550	82.5	32.2	11.7
Janitors and cleaners	2,074	28.3	22.7	9.3
Personal service occupations	1,943	80.8	11.5	6.2
Barbers	100	19.2	10.1	11.6
Hairdressers and cosmetologists	656	88.8	7.5	6.4
Attendants, amusement and recreation facilities	118	44.5	9.1	3.8
Public transportation attendants	69	84.8	10.8	7.0
Welfare service aides	80	93.7	29.1	10.2
Child care workers	677	95.2	12.5	5.3
Precision production, craft, and repair	13,057	8.5	7.2	6.2
Mechanics and repairers	4,376	3.0	7.0	5.6
Supervisors	256	8.8	4.1	3.4
Mechanics and repairers, except supervisors	4,119	2.7	7.2	5.8
Vehicle and mobile equipment mechanics and repairers	1,784	.9	6.5	6.4
Automobile mechanics	866	.8	8.1	6.7
Bus, truck, and stationary engine mechanics	346	.6	5.7	5.7
Aircraft engine mechanics	88	2.4	4.3	10.9
Small engine repairers	68	.6	2.2	2.2
Automobile body and related repairers	205	2.1	4.4	5.4
Heavy equipment mechanics	163	.2	4.9	5.9
Industrial machinery repairers	550	2.7	8.0	5.9
Electrical and electronic equipment repairers	686	5.8	7.3	4.7
Electronic repairers, communications, and industrial equipment	159	3.1	9.4	3.9
Data processing equipment repairers	107	9.4	4.7	3.8
Household appliance and power tool repairers	53	2.4	1.3	4.1
Telephone line installers and repairers	62	2.9	5.9	3.0
Telephone installers and repairers	235	8.2	6.8	6.3
Heating, air conditioning, and refrigeration mechanics	241	1.3	6.7	4.7
Miscellaneous mechanics and repairers	829	4.1	8.0	5.5
Office machine repairers	59	3.6	13.4	2.3
Millwrights	90	2.1	6.9	5.0

See footnotes at end of table.

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

(Numbers in thousands)

Occupation	1984			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Construction trades	4,573	1.7	6.9	5.7
Supervisors	560	1.3	3.0	3.9
Construction trades, except supervisors	4,013	1.8	7.5	6.0
Brickmasons and stonemasons	177	.3	15.0	8.0
Carpet installers	99	1.4	7.3	4.8
Carpenters	1,280	1.3	5.5	5.2
Drywall installers	111	1.8	9.4	5.7
Electricians	626	1.2	6.1	3.5
Electrical power installers and repairers	110	.3	8.0	3.2
Painters, construction and maintenance	465	5.3	8.3	8.0
Plumbers, pipefitters, and steamfitters	460	1.1	6.4	5.4
Concrete and terrazzo finishers	74	.8	29.3	19.0
Insulation workers	54	.3	6.8	7.3
Roofers	178	.7	9.1	7.8
Structural metal workers	56	.4	5.6	4.7
Extractive occupations	199	2.1	3.8	5.7
Supervisors	55	2.1	2.1	2.0
Drillers, oil wells	60	.1	1.1	6.1
Precision production occupations	3,909	22.9	7.9	7.4
Supervisors	1,300	14.7	7.2	5.4
Precision metalworking	918	6.0	5.4	6.3
Tool and die makers	135	1.8	3.8	3.0
Machinists	514	4.9	6.5	6.4
Sheet-metal workers	124	4.3	2.8	8.5
Precision woodworking occupations	106	15.9	5.4	7.4
Cabinet makers and bench carpenters	52	5.7	3.0	7.4
Precision textile, apparel, and furnishings machine workers	255	56.3	9.8	13.5
Dressmakers	110	93.8	8.2	8.3
Upholsterers	71	23.6	8.2	14.0
Precision workers, assorted materials	571	60.1	10.4	11.8
Optical goods workers	58	49.6	4.1	4.2
Dental laboratory and medical appliance technicians	51	31.3	6.7	5.5
Electrical and electronic equipment assemblers	360	73.3	13.0	15.0
Precision food production occupations	407	27.0	11.6	9.1
Butchers and meat cutters	264	16.8	14.4	8.5
Bakers	107	43.4	6.3	7.8
Precision inspectors, testers, and related workers	124	24.9	8.2	5.4
Inspectors, testers, and graders	112	24.2	8.6	5.1
Plant and system operators	229	2.6	8.3	4.5
Stationary engineers	106	1.4	7.3	2.6
Operators, fabricators, and laborers	16,864	26.0	14.3	8.3
Machine operators, assemblers, and inspectors	7,984	41.1	14.2	9.5
Machine operators and tenders, except precision	5,284	42.8	15.1	10.2
Metalworking and plastic working machine operators	503	17.4	11.0	7.0
Lathe and turning machine operators	81	12.9	7.2	6.0
Punching and stamping press machine operators	129	27.2	13.0	6.2
Grinding, abrading, buffing, and polishing machine operators	144	14.3	12.9	9.6
Metal and plastic processing machine operators	161	28.1	12.2	10.7
Molding and casing machine operators	100	39.2	11.8	10.3
Woodworking machine operators	145	11.2	11.5	5.1
Sawing machine operators	93	7.1	9.4	5.7
Printing machine operators	450	27.4	6.4	5.6
Printing machine operators	301	16.9	7.6	6.8
Typesetters and compositors	73	67.4	2.3	.3
Textile, apparel, and furnishings machine operators	1,401	81.3	19.5	13.1
Winding and twisting machine operators	96	77.8	36.2	1.3
Textile sewing machine operators	802	93.2	16.4	16.3
Shoe machine operators	57	74.5	10.3	4.9
Pressing machine operators	133	66.3	30.6	13.0
Laundering and dry cleaning machine operators	179	63.0	20.5	12.8
Machine operators, assorted materials	2,597	32.2	15.4	10.4
Packaging and filling machine operators	407	58.7	18.3	14.4
Mixing and blending machine operators	106	6.5	14.2	10.0
Separating, filtering, and clarifying machine operators	67	5.5	13.0	3.7
Painting and paint spraying machine operators	189	14.7	10.9	10.9
Furnace, kiln, and oven operators, except food	109	3.4	18.8	4.3
Crushing and grinding machine operators	57	25.8	9.8	5.6
Slicing and cutting machine operators	183	28.3	15.0	13.7
Photographic process machine operators	87	51.3	9.6	10.7
Fabricators, assemblers, and hand working occupations	1,823	31.9	12.3	8.6
Welders and cutters	570	4.7	8.9	8.4
Assemblers	1,052	43.8	14.6	8.9
Production inspectors, testers, samplers, and weighers	877	50.3	12.5	6.9
Production inspectors, checkers, and examiners	695	51.1	12.8	5.6
Production testers	64	30.7	10.8	3.8
Graders and sorters, except agricultural	106	59.6	12.9	17.2

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	1984			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Transportation and material moving occupations	4,467	8.3	14.0	5.7
Motor vehicle operators	3,213	9.6	14.7	5.8
Truck drivers, heavy	1,876	2.6	13.6	5.3
Truck drivers, light	497	9.5	12.9	7.7
Drivers-sales workers	216	5.8	7.2	4.4
Bus drivers	398	44.3	23.5	5.9
Taxi-cab drivers and chauffeurs	154	8.7	21.8	6.5
Transportation occupations, except motor vehicles	206	1.6	7.3	2.0
Rail transportation occupations	153	.5	8.2	1.7
Locomotive operating occupations	62	.7	10.3	1.5
Water transportation occupations	53	4.7	4.9	2.9
Material moving equipment operators	1,049	5.6	12.9	6.1
Operating engineers	145	1.2	8.2	5.0
Crane and tower operators	96	2.4	14.0	4.8
Excavating and loading machine operators	90	.8	6.3	3.5
Grader, dozer, and scraper operators	117	1.6	6.1	1.5
Industrial truck and tractor equipment operators	398	5.3	18.1	8.6
Handlers, equipment cleaners, helpers, and laborers	4,413	16.6	14.8	8.7
Helpers, construction and extractive occupations	185	2.9	12.9	12.4
Helpers, construction trades	170	2.7	13.9	12.9
Construction laborers	668	2.6	15.7	10.3
Production helpers	71	17.6	11.8	12.4
Freight, stock, and material handlers	1,564	15.9	15.6	6.5
Stock handlers and baggers	863	21.2	10.8	6.0
Machine feeders and offbearers	86	32.6	22.0	7.5
Garage and service station related occupations	267	8.5	8.1	8.1
Vehicle washers and equipment cleaners	206	13.6	22.0	9.5
Hand packers and packagers	286	67.6	12.5	9.7
Laborers, except construction	1,123	18.2	14.8	9.8
Farming, forestry, and fishing	3,600	15.6	7.7	9.0
Farm operators and managers	1,442	12.5	1.0	.9
Farmers	1,347	12.5	1.0	.8
Farm managers	95	12.9	2.2	3.3
Other agricultural and related occupations	1,999	18.9	12.2	15.2
Farm occupations, except managerial	1,159	23.8	12.0	18.5
Farm workers	1,087	24.1	12.3	18.4
Related agricultural occupations	840	12.1	12.3	10.7
Supervisors	105	4.9	4.7	8.6
Groundskeepers and gardeners, except farm	647	7.1	14.6	11.4
Animal caretakers, except farm	76	55.3	4.8	5.0
Forestry and logging occupations	105	3.2	13.6	2.3
Timber cutting and logging	84	1.9	13.4	2.7
Fishers, hunters, and trappers	54	3.6	8.1	10.1

¹ Less than 0.05 percent.

NOTE: N.e.c. is an abbreviation for "not elsewhere classified" and designates

broad categories of occupations which cannot be more specifically identified.

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

(In thousands)

Age and sex	1984								
	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	93,565	1,238	15,770	76,556	7,785	335	1,555	1,553	213
16 to 19 years	6,011	261	349	5,402	94	30	235	31	42
16 to 17 years	2,203	179	110	1,915	38	15	106	16	26
18 to 19 years	3,808	82	239	3,487	56	15	129	16	16
20 to 24 years	13,415	137	1,225	12,053	354	25	293	98	22
25 to 34 years	27,588	174	4,435	22,979	1,946	59	434	292	29
35 to 44 years	20,803	166	4,379	16,258	2,105	89	260	302	39
45 to 54 years	14,065	164	2,979	10,921	1,544	69	162	300	39
55 to 64 years	9,679	210	2,064	7,405	1,195	47	124	322	28
55 to 59 years	5,917	103	1,302	4,511	697	28	70	163	17
60 to 64 years	3,762	107	761	2,894	498	19	54	159	11
65 years and over	2,003	126	339	1,538	546	16	47	208	15
Men, 16 years and over	51,151	178	7,720	43,253	5,219	52	1,254	1,350	65
16 to 19 years	2,988	61	155	2,772	61	22	188	29	33
16 to 17 years	1,089	41	47	1,001	27	10	81	15	21
18 to 19 years	1,899	19	108	1,771	35	12	107	14	12
20 to 24 years	6,988	29	567	6,392	229	13	240	86	15
25 to 34 years	15,270	24	2,088	13,157	1,275	4	356	255	6
35 to 44 years	11,459	19	2,152	9,288	1,395	1	203	250	1
45 to 54 years	7,916	12	1,543	6,361	1,030	4	122	251	1
55 to 64 years	5,451	15	1,041	4,395	844	3	102	292	2
55 to 59 years	3,366	7	658	2,702	485	-	56	147	1
60 to 64 years	2,085	8	384	1,693	359	3	47	144	1
65 years and over	1,079	18	175	887	384	5	42	187	6
Women, 16 years and over	42,413	1,061	8,050	33,302	2,566	283	301	203	148
16 to 19 years	3,024	200	194	2,630	33	8	47	2	9
16 to 17 years	1,114	137	63	913	11	5	25	1	5
18 to 19 years	1,909	62	131	1,716	21	3	22	1	4
20 to 24 years	6,427	108	659	5,660	125	12	54	11	7
25 to 34 years	12,317	149	2,347	9,822	671	55	77	38	23
35 to 44 years	9,344	147	2,227	6,969	710	88	57	52	37
45 to 54 years	6,149	152	1,436	4,560	514	64	39	49	37
55 to 64 years	4,228	195	1,022	3,010	351	44	21	30	26
55 to 59 years	2,550	97	645	1,809	213	28	14	16	16
60 to 64 years	1,677	99	378	1,201	139	16	7	14	10
65 years and over	924	108	164	651	162	12	5	21	9

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(In thousands)

Industry and sex	1984					
	Total employed	Wage and salary workers			Self-employed workers	Unpaid family workers
		Total	Government	Private industries		
TOTAL						
Mining	957	931	1	930	25	2
Construction	6,665	5,393	512	4,881	1,235	37
Manufacturing	20,995	20,614	155	20,459	360	22
Durable goods	12,606	12,376	126	12,249	215	16
Nondurable goods	8,389	8,238	29	8,210	145	6
Transportation and public utilities	7,358	7,030	1,391	5,639	318	11
Wholesale and retail trade	21,979	19,903	104	19,800	1,920	155
Wholesale trade	4,212	3,866	3	3,862	323	23
Retail trade	17,767	16,038	100	15,937	1,597	132
Finance, insurance, and real estate	6,750	6,185	154	6,031	544	21
Services	32,214	28,742	8,689	20,054	3,383	88
Private households	1,243	1,238	-	1,238	4	-
Other service industries	30,971	27,504	8,689	18,816	3,379	88
Business and repair	5,458	4,279	75	4,204	1,136	42
Personal, except private households	2,931	2,103	10	2,093	816	11
Entertainment and recreation	1,260	1,085	168	917	171	4
Professional	21,174	19,926	8,365	11,561	1,219	29
Hospitals	4,288	4,282	1,056	3,226	6	1
Health services, except hospitals	3,646	3,301	381	2,919	331	15
Educational	7,946	7,843	6,275	1,568	102	1
Social services	2,306	2,114	527	1,587	187	4
Other	2,988	2,387	126	2,261	593	8
Forestry and fisheries	148	111	70	41	37	1
Public administration	4,766	4,766	4,766	-	-	-
Men						
Mining	793	769	-	768	24	-
Construction	6,104	4,918	472	4,446	1,180	6
Manufacturing	14,160	13,885	123	13,761	271	5
Durable goods	9,249	9,069	106	8,963	176	4
Nondurable goods	4,911	4,815	17	4,799	94	1
Transportation and public utilities	5,457	5,167	1,096	4,071	289	1
Wholesale and retail trade	11,552	10,400	44	10,356	1,123	29
Wholesale trade	3,056	2,794	2	2,791	260	3
Retail trade	8,495	7,606	42	7,565	863	27
Finance, insurance, and real estate	2,858	2,475	79	2,396	381	3
Services	12,650	10,690	3,056	7,633	1,952	9
Private households	181	178	-	178	3	-
Other service industries	12,469	10,512	3,056	7,455	1,949	9
Business and repair	3,494	2,664	46	2,618	824	6
Personal, except private households	955	752	4	748	203	-
Entertainment and recreation	773	651	96	555	121	1
Professional	7,122	6,355	2,856	3,499	766	2
Hospitals	1,008	1,005	332	673	4	-
Health services, except hospitals	883	618	98	520	264	1
Educational	2,821	2,798	2,203	595	23	-
Social services	740	696	145	551	44	1
Other	1,669	1,238	78	1,160	431	-
Forestry and fisheries	125	90	55	35	35	-
Public administration	2,849	2,849	2,849	-	-	-
Women						
Mining	165	162	-	162	1	1
Construction	561	475	39	435	54	32
Manufacturing	6,835	6,729	32	6,698	89	17
Durable goods	3,357	3,307	20	3,287	39	12
Nondurable goods	3,478	3,423	12	3,411	50	5
Transportation and public utilities	1,901	1,863	295	1,568	29	10
Wholesale and retail trade	10,427	9,504	60	9,444	798	126
Wholesale trade	1,156	1,072	1	1,071	63	20
Retail trade	9,272	8,432	59	8,373	735	105
Finance, insurance, and real estate	3,892	3,710	75	3,635	163	19
Services	19,564	18,054	5,632	12,421	1,432	78
Private households	1,062	1,061	-	1,061	1	-
Other service industries	18,502	16,993	5,632	11,360	1,431	78
Business and repair	1,964	1,615	29	1,586	312	36
Personal, except private households	1,976	1,351	7	1,345	613	11
Entertainment and recreation	487	434	72	361	50	3
Professional	14,052	13,572	5,509	8,062	453	27
Hospitals	3,280	3,277	724	2,553	2	1
Health services, except hospitals	2,763	2,682	283	2,399	66	14
Educational	5,125	5,044	4,071	973	79	1
Social services	1,565	1,418	382	1,036	143	3
Other	1,319	1,149	48	1,101	162	8
Forestry and fisheries	23	21	15	6	2	1
Public administration	1,917	1,917	1,917	-	-	-

25. Employed civilians by industry, sex, and occupation

(In thousands)

Industry and sex	1984												
	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	3,321	51	62	22	16	101	-	12	40	9	48	15	2,944
Mining	957	155	99	44	11	126	-	14	301	31	140	36	1
Construction	6,665	748	134	60	56	431	-	33	3,841	88	470	788	16
Manufacturing	20,995	2,206	1,569	739	747	2,544	-	387	4,025	6,737	877	1,074	90
Durable goods	12,606	1,370	1,083	530	307	1,494	-	213	2,821	3,718	469	521	81
Nondurable goods	8,389	836	486	209	440	1,051	-	173	1,204	3,019	408	553	10
Transportation and public utilities	7,358	752	423	222	264	1,964	-	245	1,332	114	1,603	426	11
Wholesale and retail trade	21,979	1,734	389	87	9,205	2,166	-	4,143	1,424	278	812	1,704	36
Wholesale trade	4,212	438	77	39	1,651	785	-	48	294	137	417	311	14
Retail trade	17,767	1,296	311	48	7,553	1,381	-	4,096	1,131	141	395	1,393	21
Finance, insurance, and real estate	6,750	1,585	151	118	1,597	2,822	-	266	108	13	18	16	56
Services	32,214	3,325	9,817	1,673	661	5,244	993	6,926	1,748	678	444	312	392
Private households	1,243	4	12	10	1	10	993	74	7	1	6	20	104
Other service industries	30,971	3,321	9,804	1,663	660	5,234	-	6,853	1,741	677	438	292	288
Professional services	21,174	1,885	8,855	1,411	129	3,855	-	4,066	376	170	255	80	91
Public administration	4,766	1,016	642	207	25	1,323	-	1,130	237	36	55	41	54
Men													
Agriculture	2,668	41	47	11	8	9	-	8	40	7	45	12	2,440
Mining	793	124	87	29	10	29	-	12	296	30	139	35	1
Construction	6,104	676	124	53	49	60	-	25	3,784	85	465	768	15
Manufacturing	14,160	1,742	1,276	560	558	784	-	307	3,347	3,904	816	778	89
Durable goods	9,249	1,101	945	427	254	494	-	172	2,340	2,575	439	422	80
Nondurable goods	4,911	641	331	132	304	290	-	135	1,007	1,329	376	356	9
Transportation and public utilities	5,457	550	339	177	113	843	-	145	1,277	99	1,499	407	10
Wholesale and retail trade	11,552	1,105	202	50	4,500	395	-	1,704	1,271	163	770	1,367	25
Wholesale trade	3,056	317	52	26	1,407	172	-	37	283	86	409	255	11
Retail trade	8,495	788	150	24	3,092	222	-	1,667	988	77	361	1,113	14
Finance, insurance, and real estate	2,858	909	93	54	1,025	400	-	181	103	8	17	16	52
Services	12,650	1,909	4,231	575	279	567	38	2,164	1,598	376	297	260	356
Private households	181	3	2	2	-	2	38	9	7	1	5	18	96
Other service industries	12,469	1,906	4,229	573	278	565	-	2,157	1,592	375	291	243	260
Professional services	7,122	963	3,663	400	35	327	-	1,067	333	74	125	58	78
Public administration	2,849	626	448	136	8	275	-	962	229	29	51	36	49
Women													
Agriculture	653	9	15	11	8	92	-	5	1	2	3	3	504
Mining	165	31	12	14	1	97	-	2	5	1	1	2	-
Construction	561	72	10	7	8	371	-	8	57	2	5	21	1
Manufacturing	6,835	464	293	179	190	1,760	-	80	678	2,833	61	296	2
Durable goods	3,357	269	138	103	53	999	-	41	481	1,143	30	98	1
Nondurable goods	3,478	195	155	76	136	761	-	39	197	1,690	32	197	-
Transportation and public utilities	1,901	202	85	45	151	1,122	-	100	55	16	105	20	1
Wholesale and retail trade	10,427	629	187	37	4,705	1,772	-	2,441	154	114	42	337	11
Wholesale trade	1,156	121	25	13	244	613	-	10	11	51	8	56	3
Retail trade	9,272	508	162	25	4,461	1,159	-	2,430	143	63	34	280	7
Finance, insurance, and real estate	3,892	676	59	64	571	2,422	-	85	5	5	1	1	4
Services	19,564	1,415	5,586	1,098	382	4,678	955	4,762	150	302	147	52	35
Private households	1,062	1	11	9	1	9	955	65	1	-	1	2	8
Other service industries	18,502	1,414	5,575	1,090	381	4,669	-	4,697	149	302	147	50	28
Professional services	14,052	922	5,192	1,011	94	3,528	-	3,000	43	96	130	23	14
Public administration	1,917	390	194	71	17	1,048	-	170	8	7	4	4	4

¹ Includes protective service, not shown separately.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

26. Employed civilians by industry, race, and occupation

(In thousands)

Industry and race	1984												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service		Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical	Private household	Other service ¹		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
WHITE													
Agriculture	3,057	49	60	21	15	98	-	10	37	8	43	12	2,703
Mining	906	148	96	41	11	114	-	13	286	29	133	33	1
Construction	6,130	728	126	54	54	416	-	26	3,547	83	420	665	13
Manufacturing	18,343	2,100	1,434	658	715	2,304	-	307	3,587	5,556	733	871	76
Durable goods	11,100	1,301	981	477	299	1,358	-	172	2,518	3,114	385	426	68
Nondurable goods	7,243	799	454	181	416	946	-	135	1,069	2,442	348	445	8
Transportation and public utilities	6,292	695	382	200	246	1,614	-	183	1,197	100	1,341	324	10
Wholesale and retail trade	19,763	1,600	362	81	8,488	1,988	-	3,527	1,310	231	695	1,450	32
Wholesale trade	3,883	414	68	36	1,593	724	-	40	272	112	356	256	13
Retail trade	15,880	1,187	294	45	6,895	1,264	-	3,486	1,038	120	339	1,194	19
Finance, insurance, and real estate	6,085	1,479	138	108	1,521	2,446	-	216	92	11	15	13	46
Services	27,582	3,033	8,841	1,438	600	4,596	667	5,327	1,583	553	364	257	323
Private households	858	3	10	9	1	10	667	49	7	1	5	15	81
Other service industries	26,724	3,030	8,831	1,429	599	4,586	-	5,278	1,576	553	359	241	242
Professional services	18,167	1,699	7,955	1,202	119	3,355	-	3,024	329	140	206	68	72
Public administration	3,963	872	558	182	23	1,049	-	939	205	29	38	28	39
BLACK													
Agriculture	196	1	-	-	-	1	-	1	3	1	5	2	182
Mining	39	4	1	2	-	11	-	2	10	1	5	3	-
Construction	442	12	2	4	1	9	-	6	243	4	43	115	2
Manufacturing	2,068	66	50	45	26	186	-	73	329	963	137	181	12
Durable goods	1,135	43	35	24	7	101	-	38	216	494	80	86	11
Nondurable goods	933	23	15	21	19	85	-	36	114	469	57	95	1
Transportation and public utilities	915	43	25	15	13	304	-	51	113	13	242	93	1
Wholesale and retail trade	1,569	65	15	3	489	137	-	436	84	35	103	201	2
Wholesale trade	233	9	3	2	33	44	-	6	16	19	54	46	1
Retail trade	1,336	56	11	1	456	93	-	430	68	17	49	155	1
Finance, insurance, and real estate	497	63	8	6	54	292	-	43	13	2	2	3	9
Services	3,732	214	678	169	42	528	301	1,394	121	106	72	47	57
Private households	354	-	1	1	-	-	301	24	-	-	1	4	20
Other service industries	3,378	214	677	168	42	528	-	1,371	121	106	72	43	37
Professional services	-	142	630	152	9	411	-	923	35	27	45	11	15
Public administration	662	114	61	19	1	233	-	168	23	6	15	10	12

¹ Includes protective service, not shown separately.

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

(In thousands)

Sex, age, and race	1984									
	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	957	6,665	20,995	12,606	8,389	7,358	21,979	6,750	30,971	4,766
16 to 19 years	16	312	634	322	312	126	3,169	217	1,330	69
20 years and over	941	6,353	20,361	12,284	8,077	7,232	18,810	6,533	29,641	4,697
20 to 24 years	116	1,004	2,534	1,459	1,074	703	4,176	977	3,766	380
25 years and over	825	5,349	17,827	10,825	7,003	6,529	14,634	5,556	25,875	4,317
25 to 54 years	710	4,582	15,050	9,209	5,841	5,610	12,083	4,628	21,478	3,624
55 years and over	115	767	2,777	1,615	1,162	918	2,551	929	4,397	694
Men, 16 years and over	793	6,104	14,160	9,249	4,911	5,457	11,552	2,858	12,469	2,849
16 to 19 years	13	286	405	218	186	89	1,549	55	584	29
20 years and over	780	5,817	13,756	9,031	4,725	5,368	10,002	2,804	11,885	2,820
20 to 24 years	86	933	1,625	1,008	618	463	2,135	264	1,515	178
25 years and over	694	4,884	12,131	8,023	4,107	4,905	7,867	2,540	10,370	2,642
25 to 54 years	588	4,184	10,211	6,786	3,425	4,162	6,500	2,004	8,420	2,228
55 years and over	105	700	1,920	1,237	683	742	1,366	535	1,949	414
Women, 16 years and over	165	561	6,835	3,357	3,478	1,901	10,427	3,892	18,502	1,917
16 to 19 years	3	26	230	104	126	37	1,619	163	746	40
20 years and over	161	535	6,605	3,253	3,352	1,864	8,808	3,730	17,756	1,877
20 to 24 years	30	71	908	452	457	240	2,041	713	2,251	202
25 years and over	131	464	5,697	2,801	2,895	1,624	6,767	3,017	15,505	1,675
25 to 54 years	122	397	4,839	2,423	2,417	1,448	5,583	2,624	13,056	1,395
55 years and over	9	67	858	378	479	176	1,184	393	2,449	279
White										
Men, 16 years and over	758	5,595	12,551	8,221	4,330	4,706	10,332	2,615	10,879	2,446
16 to 19 years	13	267	370	204	167	79	1,391	47	517	23
20 years and over	746	5,327	12,181	8,017	4,163	4,627	8,941	2,568	10,362	2,423
20 to 24 years	83	868	1,434	899	535	401	1,860	227	1,284	146
25 years and over	663	4,459	10,747	7,118	3,628	4,226	7,081	2,341	9,078	2,271
25 to 54 years	559	3,815	8,984	5,986	2,998	3,560	5,820	1,836	7,324	1,909
55 years and over	103	645	1,763	1,133	631	667	1,261	505	1,754	368
Women, 16 years and over	147	535	5,792	2,879	2,913	1,587	9,431	3,470	15,845	1,517
16 to 19 years	3	24	211	95	116	34	1,482	146	660	28
20 years and over	144	511	5,581	2,784	2,797	1,552	7,948	3,324	15,185	1,488
20 to 24 years	26	68	789	399	391	209	1,799	643	1,962	156
25 years and over	118	443	4,792	2,385	2,406	1,343	6,149	2,681	13,223	1,332
25 to 54 years	109	377	4,009	2,033	1,976	1,182	5,034	2,306	11,107	1,085
55 years and over	8	65	782	352	431	161	1,115	375	2,115	248
Black										
Men, 16 years and over	23	426	1,275	785	490	645	856	178	1,196	318
16 to 19 years	-	15	26	12	14	9	124	6	53	3
20 years and over	23	411	1,249	773	475	636	732	172	1,142	315
20 to 24 years	1	54	152	79	72	55	223	28	187	28
25 years and over	22	357	1,097	694	403	581	509	144	955	287
25 to 54 years	21	306	964	605	360	515	442	120	802	251
55 years and over	2	51	132	89	43	65	66	23	154	34
Women, 16 years and over	16	16	793	350	443	270	713	319	2,182	344
16 to 19 years	-	1	15	6	9	2	105	13	67	10
20 years and over	16	15	778	344	434	268	608	306	2,115	334
20 to 24 years	4	2	91	33	58	26	196	60	228	43
25 years and over	12	13	687	311	376	242	412	246	1,887	291
25 to 54 years	11	13	634	291	343	230	369	232	1,597	265
55 years and over	1	1	53	19	34	12	43	14	291	25

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	1984			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Total, 16 years and over	105,005	43.7	9.6	5.4
Agriculture	3,321	19.7	5.9	8.8
Agricultural production, crops	1,489	17.0	9.0	12.3
Agricultural production, livestock	1,177	21.3	1.5	3.5
Agricultural services, except horticultural	246	43.1	6.0	10.0
Horticultural services	409	10.1	7.0	10.2
Mining	957	17.2	4.1	4.6
Metal mining	70	13.0	1.2	12.8
Coal mining	168	5.8	3.9	.3
Crude petroleum and natural gas extraction	619	22.0	4.3	4.8
Nonmetallic mining and quarrying, except fuel	100	9.8	4.7	4.9
Construction	6,665	8.4	6.6	5.5
Manufacturing	20,995	32.6	9.9	6.4
Durable goods	12,606	26.6	9.0	6.0
Lumber and wood products, except furniture	713	13.9	14.5	5.6
Logging	126	4.1	16.2	.4
Sawmills, planing mills, and millwork	371	12.7	14.7	4.9
Wood buildings and mobile homes	67	14.7	6.6	12.6
Miscellaneous wood products	148	24.8	15.9	8.9
Furniture and fixtures	549	28.1	7.6	9.0
Stone, clay, glass, and concrete products	593	24.0	9.7	7.2
Glass and glass products	178	31.8	11.9	5.4
Cement, concrete, gypsum, and plaster products	201	10.2	10.1	8.0
Structural clay, pottery, and related products	83	30.5	9.4	11.3
Miscellaneous nonmetallic mineral and stone products	132	30.7	6.5	5.7
Primary metal industries	855	12.5	9.9	6.5
Blast furnaces, steelworks, rolling, and finishing mills	375	9.1	10.7	5.1
Iron and steel foundries	156	12.6	12.6	8.1
Primary aluminum industries	137	12.2	8.6	5.8
Other primary metal industries	187	19.7	7.1	8.6
Fabricated metal industries	1,317	23.2	8.9	6.8
Cutlery, hand tools, and other hardware	121	32.8	11.7	4.5
Fabricated structural metal products	463	16.5	7.1	7.6
Screw machine products	79	22.6	6.3	5.8
Metal forging and stampings	163	24.7	10.1	4.5
Ordnance	102	32.6	11.3	2.6
Miscellaneous and not specified fabricated metal products	389	25.2	9.5	8.9
Machinery, except electrical	2,663	23.0	5.7	4.4
Engines and turbines	113	18.8	3.9	1.6
Farm machinery and equipment	129	14.5	6.9	2.8
Construction and material handling machines	245	14.4	6.4	4.3
Metal working machinery	276	16.4	5.4	3.6
Office and accounting machines	121	32.6	9.3	2.7
Electronic computing equipment	708	35.0	6.3	4.4
Machinery, except electrical, n.e.c. and not specified	1,070	19.2	4.8	5.2
Electrical machinery, equipment and supplies	2,289	43.1	8.4	6.7
Household appliances	156	38.8	9.5	3.2
Radio, T.V., and communication equipment	588	40.2	8.6	5.2
Electrical machinery, equipment, and supplies, n.e.c. and not specified	1,545	44.6	8.2	7.7
Transportation equipment	2,471	18.8	12.3	4.7
Motor vehicles and motor vehicle equipment	1,186	18.4	15.8	3.9
Aircraft and parts	573	21.4	8.5	6.0
Ship and boat building and repairing	300	10.2	15.7	3.5
Guided missiles, space vehicles, and parts	316	25.0	4.4	5.8
Cycles and miscellaneous transportation equipment	63	18.0	7.4	8.3
Professional and photographic equipment, and watches	654	39.9	6.8	5.5
Scientific and controlling instruments	237	36.9	6.9	3.6
Optical and health services supplies	277	46.8	5.3	8.3
Photographic equipment and supplies	124	29.6	9.4	2.2
Toys, amusements, and sporting goods	128	49.3	9.0	9.6
Miscellaneous and not specified manufacturing industries	375	42.7	7.2	9.9
Nondurable goods	8,389	41.5	11.1	7.2
Food and kindred products	1,692	30.2	12.4	9.6
Meat products	362	32.8	17.3	10.5
Dairy products	186	21.3	3.8	5.0
Canned and preserved fruits and vegetables	223	43.1	8.4	17.3
Grain mill products	131	17.6	8.5	5.8
Bakery products	235	28.6	12.6	9.6
Sugar and confectionary products	129	41.1	18.6	6.7
Beverage industries	242	18.4	12.6	6.6
Miscellaneous and not specified food preparations and kindred products	184	36.9	14.3	12.3

See footnotes at end of table.

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

(Numbers in thousands)

Industry	1984			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Tobacco manufactures	60	34.5	27.0	0.4
Textile mill products	760	48.5	19.7	4.1
Knitting mills	175	64.4	14.5	3.5
Yarn, thread, and fabric mills	425	46.5	22.8	4.3
Apparel and other finished textile products	1,209	79.3	13.7	14.0
Apparel and accessories, except knit	1,062	81.2	13.1	14.3
Miscellaneous fabricated textile products	147	66.0	18.5	12.1
Paper and allied products	637	23.1	10.0	4.9
Pulp, paper, and paperboard mills	273	17.1	9.7	2.7
Miscellaneous paper and pulp products	184	30.9	8.6	5.9
Paperboard containers and boxes	180	24.4	12.0	7.2
Printing, publishing, and allied products	1,729	40.2	6.3	4.1
Newspaper publishing and printing	544	38.2	7.1	3.6
Printing, publishing, and allied industries, except newspapers	1,185	41.1	5.9	4.4
Chemicals and allied products	1,162	31.3	10.5	4.6
Plastics, synthetics, and resins	143	28.0	12.6	6.7
Drugs	216	46.9	7.9	4.9
Soaps and cosmetics	154	48.5	8.6	8.7
Paints, varnishes, and related products	62	26.2	9.6	10.5
Industrial and miscellaneous chemicals	532	22.7	11.7	2.6
Petroleum and coal products	204	17.1	9.5	5.1
Petroleum refining	183	18.3	9.7	4.9
Rubber and miscellaneous plastics products	731	35.1	7.9	6.8
Tires and inner tubes	124	15.9	11.3	1.6
Other rubber products, and plastics footwear and belting	140	38.9	8.0	7.3
Miscellaneous plastics products	467	39.0	6.9	8.1
Leather and leather products	205	59.8	9.4	11.1
Footwear, except rubber and plastic	138	62.1	6.3	9.5
Leather products, except footwear	54	64.9	12.7	14.5
Transportation, communications, and other public utilities	7,358	25.8	12.4	4.8
Transportation	4,319	22.0	12.9	5.2
Railroads	427	8.6	10.3	5.0
Bus service and urban transit	428	30.0	23.6	6.3
Taxicab service	101	8.0	22.2	5.1
Trucking service	1,587	12.3	10.1	4.7
Warehousing and storage	101	21.5	10.6	12.6
U.S. Postal Service	712	26.1	20.6	3.9
Water transportation	195	17.0	9.4	8.8
Air transportation	515	34.4	8.3	4.5
Services incidental to transportation	241	67.8	4.0	5.8
Communications	1,540	44.1	11.8	4.9
Radio and television broadcasting	231	38.6	7.1	3.9
Telephone (wire and radio)	1,111	46.6	12.6	5.0
Telegraph and miscellaneous communication services	198	37.0	12.8	5.0
Utilities and sanitary services	1,499	18.0	11.8	3.8
Electric light and power	662	18.3	9.3	2.5
Gas and steam supply systems	202	23.3	10.5	3.5
Electric and gas, and other combinations	186	22.2	8.0	5.1
Water supply and irrigation	220	16.2	13.4	6.7
Sanitary services	224	10.0	21.9	3.8
Wholesale and retail trade	21,979	47.4	7.1	5.4
Wholesale trade	4,212	27.4	5.5	5.0
Durable goods	2,338	26.5	5.0	4.0
Motor vehicles and equipment	224	23.3	4.6	4.3
Furniture and home furnishings	83	32.6	4.9	8.5
Lumber and construction materials	158	21.6	10.4	3.0
Metals and minerals, except petroleum	91	26.4	7.3	5.5
Electrical goods	299	31.6	3.7	4.1
Hardware, plumbing, and heating supplies	221	25.7	3.0	3.3
Machinery, equipment and supplies	1,020	26.1	3.6	2.7
Scrap and waste materials	125	12.3	14.2	9.3
Miscellaneous wholesale trade, durable goods	82	43.0	5.2	7.6
Nondurable goods	1,874	28.6	6.2	6.3
Paper and paper products	119	33.7	5.4	5.4
Drugs, chemicals, and allied products	187	33.3	8.0	4.6
Apparel, fabrics, and notions	115	43.3	6.1	11.2
Groceries and related products	663	27.1	8.1	7.4
Farm products-raw materials	125	22.1	4.8	5.9
Petroleum products	171	27.2	4.0	3.8
Alcoholic beverages	131	13.5	6.3	5.1
Farm supplies	122	21.3	3.1	2.5
Miscellaneous nondurable goods and not specified wholesale trade	242	35.5	4.0	7.4

See footnotes at end of table.

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

(Numbers in thousands)

Industry	1984			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Retail trade	17,767	52.2	7.5	5.5
Lumber and building material retailing	419	25.1	5.4	3.7
Hardware stores	228	36.6	2.5	4.1
Retail nurseries and garden stores	81	32.8	3.7	6.8
Department stores	2,091	70.1	10.7	5.6
Variety stores	145	70.7	10.8	4.9
Miscellaneous general merchandise stores	114	63.3	9.2	5.2
Grocery stores	2,472	47.3	7.5	5.6
Dairy products stores	53	67.9	5.1	6.2
Retail bakeries	179	63.2	6.8	6.1
Food stores, n.e.c.	195	46.5	8.5	6.3
Motor vehicle dealers	968	16.4	6.2	4.2
Auto and home supply stores	405	17.8	5.8	4.5
Gasoline service stations	577	22.5	5.0	6.1
Miscellaneous vehicle dealers	90	22.4	.9	2.0
Apparel and accessory stores, except shoe	717	78.1	7.1	6.0
Shoe stores	178	59.5	7.1	8.5
Furniture and home furnishings stores	489	36.9	6.2	6.4
Household appliances, T.V., and radio stores	420	28.8	3.9	3.2
Eating and drinking places	5,095	57.8	9.7	6.8
Drug stores	529	63.2	4.6	4.1
Liquor stores	149	36.5	5.7	2.2
Sporting goods, bicycles, and hobby stores	264	47.7	3.6	3.4
Book and stationery stores	158	58.2	4.9	3.9
Jewelry stores	171	56.6	3.7	4.4
Sewing, needlework, and piece goods stores	74	89.5	3.0	2.8
Mail order houses	78	74.4	8.8	5.7
Vending machine operators	72	32.4	3.8	4.1
Direct selling establishments	379	76.6	3.1	4.9
Fuel and ice dealers	118	21.7	3.8	1.5
Retail florists	169	77.5	4.5	3.0
Miscellaneous retail stores and not specified retail trade	657	61.8	4.2	4.3
Finance, insurance, and real estate	6,750	57.7	7.4	4.5
Banking	1,862	70.0	9.2	5.9
Savings and loan associations	283	74.0	7.3	4.4
Credit agencies, n.e.c.	371	64.3	7.2	5.3
Security, commodity brokerage, and investment companies	516	39.2	3.8	2.1
Insurance	2,018	57.0	7.7	3.4
Real estate, including real estate-insurance law offices	1,702	46.4	6.1	4.8
Services	32,214	60.7	11.6	4.8
Private households	1,243	85.5	28.5	8.9
Other service industries	30,971	59.7	10.9	4.6
Business and repair services	5,458	36.0	9.3	6.0
Advertising	244	52.1	4.5	3.7
Services to dwellings and other buildings	571	42.5	19.9	11.5
Commercial research, development, and testing labs	192	33.5	5.8	5.5
Personnel supply services	467	75.1	16.5	4.9
Business management and consulting services	372	52.6	4.5	2.5
Computer and data processing services	456	38.6	6.8	2.6
Detective and protective services	311	18.3	18.7	5.7
Business services, n.e.c.	1,017	51.0	6.3	4.7
Automobile services, except repair	288	22.0	13.4	8.0
Automobile repair shops	898	7.7	6.2	8.0
Electrical repair shops	125	10.7	8.2	6.7
Miscellaneous repair services	517	16.6	4.1	5.4
Personnel services, except private household	2,931	67.4	12.2	7.6
Hotels and motels	971	58.5	16.5	9.9
Lodging places, except hotels and motels	376	85.9	7.2	4.5
Laundry, cleaning, and garment services	404	56.6	18.4	10.1
Beauty shops	669	88.9	7.5	6.3
Barber shops	101	20.5	9.5	11.9
Funeral service and crematories	91	29.6	14.7	.9
Entertainment and recreational services	1,260	38.6	8.0	5.1
Theaters and motion pictures	392	34.8	6.0	4.2
Bowling alleys, billiard and pool parlors	72	39.1	3.2	2.4
Miscellaneous entertainment and recreation services	796	40.5	9.4	5.8

See footnotes at end of table.

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

(Numbers in thousands)

Industry	1984			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Professional and related services	21,174	66.4	11.3	3.8
Hospitals	4,288	76.5	16.7	4.1
Health services, except hospitals	3,646	75.8	10.7	4.1
Offices of physicians	896	67.4	4.1	3.7
Offices of dentists	468	71.8	2.6	2.6
Offices of chiropractors	61	52.1	3.0	2.9
Offices of optometrists	57	50.6	(¹)	2.0
Nursing and personal care facilities	1,362	87.8	18.6	4.2
Educational services	7,946	64.5	10.7	3.7
Elementary and secondary schools	5,347	70.0	11.5	4.0
Colleges and universities	2,209	49.4	9.4	3.0
Business, trade, and vocational schools	56	60.6	10.2	2.1
Libraries	162	82.7	9.4	2.9
Educational services, n.e.c.	172	72.2	2.6	3.0
Social services	1,595	78.5	18.0	5.5
Job training and vocational rehabilitation services	142	53.4	19.1	3.6
Child day care services	473	96.2	17.4	4.9
Residential care facilities, without nursing	303	68.7	16.4	3.6
Social services, n.e.c.	677	75.8	19.0	7.2
Other professional services	3,699	44.1	4.4	2.8
Legal services	938	51.0	3.1	3.2
Museums, art galleries, and zoos	73	51.3	10.7	.9
Religious organizations	711	44.0	6.7	2.5
Membership organizations	393	55.5	8.3	3.4
Engineering, architectural, and surveying services	665	22.6	2.7	3.4
Accounting, auditing, and bookkeeping services	547	49.0	2.4	2.2
Noncommercial educational and scientific research	145	36.5	6.7	1.6
Miscellaneous professional and related services	228	50.3	1.9	1.8
Forestry and fisheries	148	15.5	6.5	5.1
Forestry	81	20.7	4.7	3.2
Fisheries	67	9.2	8.8	7.5
Public administration	4,766	40.2	13.9	4.9
Executive and legislative offices	144	58.4	8.8	2.7
General government, n.e.c.	495	50.4	14.7	4.8
Justice, public order, and safety	1,622	27.1	12.6	4.3
Public finance, taxation, and monetary policy	329	60.6	15.1	4.1
Administration of human resources programs	600	62.5	19.9	5.1
Administration of environmental quality and housing programs	296	28.2	11.2	4.6
Administration of economic programs	502	39.8	11.6	3.9
National security and international affairs	777	36.7	14.4	7.4

¹ Less than 0.05 percent.

NOTE: N.e.c. is an abbreviation for "not elsewhere classified" and designates

broad categories of industries which cannot be more specifically identified.

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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					
	1983	1984	Total		Wage and salary workers ¹			
			1983	1984	Paid absences		Unpaid absences	
					1983	1984	1983	1984
Total, 16 years and over	5,563	5,575	5,413	5,439	2,777	2,766	2,051	2,060
Vacation	3,096	3,147	3,055	3,108	2,063	2,051	786	826
Illness	1,291	1,322	1,255	1,285	513	497	638	671
Bad weather	124	118	88	90	(²)	(²)	(²)	(²)
Industrial dispute	91	40	91	40	(²)	(²)	(²)	(²)
All other reasons	962	947	924	916	201	218	627	564
Men, 16 years and over	2,811	2,758	2,688	2,643	1,532	1,486	822	808
Vacation	1,516	1,525	1,484	1,495	1,143	1,126	239	250
Illness	701	698	672	664	296	273	319	330
All other reasons ³	593	536	532	484	93	88	265	228
Women, 16 years and over	2,752	2,816	2,725	2,795	1,245	1,281	1,226	1,251
Vacation	1,581	1,622	1,571	1,613	920	926	548	576
Illness	589	624	583	621	217	224	318	340
All other reasons ³	581	570	571	562	109	131	361	336

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	1984					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	99,431	3,185	96,246	100.0	100.0	100.0
1 to 34 hours	24,427	911	23,516	24.6	28.6	24.4
1 to 4 hours	806	48	758	.8	1.5	.8
5 to 14 hours	4,293	219	4,074	4.3	6.9	4.2
15 to 29 hours	12,051	439	11,612	12.1	13.8	12.1
30 to 34 hours	7,277	205	7,072	7.3	6.4	7.3
35 hours and over	75,002	2,274	72,728	75.4	71.4	75.6
35 to 39 hours	6,908	143	6,765	6.9	4.5	7.0
40 hours	41,454	616	40,838	41.7	19.3	42.4
41 hours and over	26,640	1,515	25,125	26.8	47.6	26.1
41 to 48 hours	9,996	251	9,745	10.1	7.9	10.1
49 to 59 hours	9,479	422	9,057	9.5	13.2	9.4
60 hours and over	7,165	842	6,323	7.2	26.4	6.6
Average hours, total at work	38.8	44.2	38.6	-	-	-
Average hours, workers on full-time schedules	43.2	51.6	42.9	-	-	-

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	1984					
	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	24,427	7,228	17,200	23,516	6,924	16,593
Economic reasons	5,744	1,713	4,031	5,512	1,623	3,889
Slack work	2,430	1,348	1,082	2,291	1,269	1,022
Material shortages or repairs to plant and equipment	69	69	-	66	66	-
New job started during week	200	200	-	193	193	-
Job terminated during week	95	95	-	93	93	-
Could find only part-time work	2,948	-	2,948	2,866	-	2,866
Other reasons	18,684	5,515	13,169	18,002	5,298	12,704
Does not want, or unavailable for, full-time work	11,000	-	11,000	10,655	-	10,655
Vacation	1,234	1,234	-	1,213	1,213	-
Illness	1,618	1,461	157	1,581	1,438	143
Bad weather	489	489	-	407	407	-
Industrial dispute	9	9	-	9	9	-
Legal or religious holiday	882	882	-	880	880	-
Full time for this job	1,495	-	1,495	1,457	-	1,457
All other reasons	1,958	1,441	517	1,804	1,354	450
Average hours:						
Economic reasons	21.7	24.0	20.7	21.8	24.1	20.9
Other reasons	21.3	26.6	19.1	21.4	26.7	19.2
Worked 30 to 34 hours:						
Economic reasons	1,739	753	986	1,688	722	966
Other reasons	5,538	3,105	2,433	5,384	3,022	2,362

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

(Numbers in thousands)

Industry	1984								
	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	96,246	5,512	12,704	78,030	52,905	9,745	15,380	38.6	42.9
Wage and salary workers	88,691	4,914	11,363	72,414	50,307	9,160	12,947	38.4	42.6
Mining	872	26	17	829	182	118	254	45.5	46.8
Construction	5,173	399	219	4,555	3,254	509	792	39.4	41.9
Manufacturing	19,632	647	615	18,370	12,639	2,817	2,914	41.2	42.5
Durable goods	11,816	244	256	11,316	7,699	1,773	1,844	41.8	42.6
Nondurable goods	7,816	403	360	7,053	4,939	1,044	1,070	40.3	42.3
Transportation and public utilities	6,622	215	312	6,095	4,106	794	1,195	41.6	43.4
Wholesale and retail trade	19,091	1,712	4,330	13,049	8,253	1,945	2,851	36.2	43.4
Finance, insurance, and real estate	5,922	130	507	5,285	3,886	581	818	39.3	41.6
Service industries	26,840	1,716	5,137	19,987	14,411	2,017	3,559	36.4	42.3
Private households	1,194	252	525	417	282	41	94	25.0	45.2
All other industries	25,646	1,464	4,612	19,570	14,129	1,976	3,465	36.9	42.2
Public administration	4,540	69	224	4,247	3,301	381	565	40.1	41.4
Self-employed workers	7,220	580	1,203	5,437	2,491	569	2,377	40.6	48.0
Unpaid family workers	335	18	139	178	106	16	56	35.1	46.1

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

(Numbers in thousands)

Sex, age, race, and marital status	1984							
	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	96,246	5,512	12,704	78,030	52,905	25,125	38.6	42.9
16 to 19 years	5,939	782	2,986	2,171	1,715	456	26.0	40.5
16 to 17 years	2,178	228	1,631	319	266	53	19.2	38.8
18 to 19 years	3,761	554	1,354	1,853	1,449	404	29.9	40.8
20 years and over	90,307	4,729	9,719	75,859	51,191	24,668	39.4	43.0
20 to 24 years	13,296	1,211	1,956	10,129	7,392	2,737	36.8	41.8
25 years and over	77,011	3,519	7,763	65,729	43,798	21,931	39.9	43.1
25 to 44 years	49,859	2,328	4,198	43,333	28,471	14,862	40.4	43.3
45 to 64 years	24,804	1,086	2,450	21,268	14,523	6,745	39.9	43.1
65 years and over	2,348	107	1,116	1,125	798	327	29.2	42.2
Men, 16 years and over	53,779	2,483	3,767	47,529	28,909	18,620	41.5	44.4
16 to 19 years	2,985	374	1,401	1,210	907	303	27.3	41.2
16 to 17 years	1,089	117	781	191	157	34	20.3	39.4
18 to 19 years	1,896	257	620	1,019	750	269	31.3	41.6
20 years and over	50,794	2,109	2,365	46,320	28,003	18,317	42.3	44.4
20 to 24 years	7,005	588	804	5,613	3,727	1,886	38.6	43.0
25 years and over	43,790	1,520	1,562	40,708	24,279	16,429	43.0	44.6
25 to 44 years	28,151	1,036	559	26,556	15,475	11,081	43.5	44.8
45 to 64 years	14,294	438	436	13,420	8,309	5,111	42.9	44.4
65 years and over	1,345	48	567	730	493	237	31.1	42.9
Women, 16 years and over	42,467	3,030	8,938	30,499	23,994	6,505	34.9	40.7
16 to 19 years	2,954	408	1,584	962	809	153	24.6	39.6
16 to 17 years	1,089	111	850	128	109	19	18.2	37.9
18 to 19 years	1,865	297	734	834	700	134	28.4	39.8
20 years and over	39,513	2,621	7,353	29,539	23,187	6,352	35.7	40.8
20 to 24 years	6,291	623	1,152	4,516	3,665	851	34.8	40.4
25 years and over	33,221	1,998	6,201	25,022	19,521	5,501	35.8	40.9
25 to 44 years	21,708	1,293	3,639	16,776	12,996	3,780	36.3	40.8
45 to 64 years	10,510	647	2,014	7,849	6,216	1,633	35.8	40.8
65 years and over	1,003	58	549	396	308	88	26.5	40.8
RACE								
White, 16 years and over	84,315	4,476	11,558	68,281	45,107	23,174	38.7	43.2
Men	47,678	2,010	3,378	42,290	24,988	17,302	41.8	44.6
Women	36,637	2,466	8,180	25,991	20,119	5,872	34.8	40.9
Black, 16 years and over	9,356	891	849	7,616	6,210	1,406	37.2	41.0
Men	4,709	404	274	4,031	3,081	950	39.0	42.0
Women	4,646	486	575	3,585	3,128	457	35.4	39.8
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	35,432	1,036	1,116	33,280	19,511	13,769	43.3	44.8
Widowed, divorced, or separated	4,858	282	219	4,357	2,635	1,722	42.0	44.5
Single (never married)	13,490	1,164	2,431	9,895	6,766	3,129	36.6	42.9
Women, 16 years and over:								
Married, spouse present	23,344	1,409	5,268	16,667	13,302	3,365	34.7	40.5
Widowed, divorced, or separated	8,266	619	1,017	6,630	4,996	1,634	37.3	41.4
Single (never married)	10,858	1,001	2,653	7,204	5,697	1,507	33.4	40.7

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

(Numbers in thousands)

Occupation and sex	1984								
	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	95,984	5,454	12,655	77,875	52,723	9,728	15,424	38.6	43.0
Managerial and professional specialty	23,286	474	2,043	20,770	12,305	2,523	5,941	41.8	44.5
Executive, administrative, and managerial	11,063	142	497	10,423	5,732	1,343	3,349	44.0	45.4
Professional specialty	12,223	331	1,546	10,346	6,573	1,180	2,593	39.9	43.7
Technical, sales, and administrative support	30,961	1,436	5,248	24,277	17,458	2,823	3,996	37.3	42.1
Technicians and related support	3,024	70	330	2,625	1,993	296	336	38.9	41.6
Sales occupations	12,015	801	2,435	8,779	4,878	1,226	2,674	38.3	45.0
Administrative support, including clerical	15,922	566	2,484	12,873	10,586	1,300	986	36.3	40.2
Service occupations	13,375	1,640	3,713	8,023	6,075	805	1,143	33.0	42.0
Private household	953	182	441	330	230	29	70	24.8	44.4
Protective service	1,575	52	131	1,392	877	199	316	41.8	44.8
Service, except private household and protective	10,847	1,405	3,140	6,301	4,967	577	757	32.4	41.3
Precision production, craft, and repair	12,400	675	421	11,304	7,509	1,631	2,164	41.1	43.0
Operators, fabricators, and laborers	15,962	1,230	1,231	13,501	9,377	1,946	2,178	39.3	42.6
Machine operators, assemblers, and inspectors	7,582	453	293	6,836	5,044	1,043	749	39.8	41.6
Transportation and material moving occupations	4,164	256	269	3,639	2,058	520	1,062	42.3	45.5
Handlers, equipment cleaners, helpers, and laborers	4,216	521	668	3,027	2,276	384	367	35.5	41.4
Men, 16 years and over	53,432	2,420	3,688	47,324	28,695	6,484	12,145	41.6	44.4
Managerial and professional specialty	13,838	209	588	13,041	6,847	1,594	4,600	44.6	46.1
Executive, administrative, and managerial	7,366	84	200	7,083	3,474	906	2,703	45.7	46.7
Professional specialty	6,472	125	388	5,959	3,374	688	1,897	43.3	45.4
Technical, sales, and administrative support	11,112	302	967	9,843	5,563	1,418	2,861	42.0	45.0
Technicians and related support	1,585	26	81	1,478	1,045	184	248	41.0	42.6
Sales occupations	6,312	184	601	5,527	2,517	827	2,184	43.6	47.1
Administrative support, including clerical	3,215	92	285	2,838	2,002	408	429	39.5	42.2
Service occupations	5,287	479	979	3,829	2,725	440	665	36.6	43.1
Private household	37	9	16	12	7	2	3	23.6	45.8
Protective service	1,374	40	82	1,252	774	182	295	42.8	45.1
Service, except private household and protective	3,877	430	881	2,566	1,943	256	367	34.5	42.2
Precision production, craft, and repair	11,356	618	319	10,419	6,833	1,518	2,069	41.4	43.2
Operators, fabricators, and laborers	11,838	811	835	10,191	6,727	1,514	1,950	40.2	43.3
Machine operators, assemblers, and inspectors	4,479	186	120	4,173	2,882	698	593	41.1	42.4
Transportation and material moving occupations	3,839	213	178	3,448	1,924	490	1,034	43.2	45.7
Handlers, equipment cleaners, helpers, and laborers	3,520	412	537	2,571	1,921	327	323	35.8	41.5
Women, 16 years and over	42,553	3,034	8,967	30,551	24,028	3,244	3,279	34.9	40.7
Managerial and professional specialty	9,448	265	1,455	7,728	5,458	929	1,341	37.8	41.9
Executive, administrative, and managerial	3,696	58	297	3,341	2,258	437	646	40.5	42.6
Professional specialty	5,752	207	1,158	4,387	3,200	492	696	36.0	41.3
Technical, sales, and administrative support	19,849	1,134	4,281	14,434	11,894	1,404	1,135	34.7	40.1
Technicians and related support	1,439	44	248	1,147	948	112	87	36.5	40.4
Sales occupations	5,702	617	1,834	3,252	2,362	399	491	32.4	41.5
Administrative support, including clerical	12,707	474	2,199	10,035	8,585	893	557	35.5	39.6
Service occupations	8,088	1,160	2,734	4,194	3,350	366	478	30.6	41.0
Private household	917	173	425	318	223	28	68	24.9	44.3
Protective service	201	12	49	140	103	17	21	34.8	42.0
Service, except private household and protective	6,970	975	2,260	3,736	3,024	321	390	31.2	40.7
Precision production, craft, and repair	1,043	57	102	885	676	113	96	38.1	41.1
Operators, fabricators, and laborers	4,125	419	396	3,310	2,650	432	228	36.8	40.4
Machine operators, assemblers, and inspectors	3,103	266	173	2,663	2,162	345	156	37.8	40.2
Transportation and material moving occupations	325	43	92	191	134	30	28	32.4	41.4
Handlers, equipment cleaners, helpers, and laborers	696	110	131	456	355	57	44	33.9	40.8

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

(In thousands)

Reason and sex	Total		Age							
	1983	1984	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			1983	1984	1983	1984	1983	1984	1983	1984
TOTAL										
Total not in labor force	62,665	62,839	7,104	6,791	4,747	4,642	22,067	21,860	28,747	29,546
Do not want a job now	56,161	56,768	5,550	5,414	3,633	3,570	18,789	18,796	28,195	28,990
Current activity:										
Going to school	6,583	6,537	4,214	4,136	1,571	1,585	781	800	21	16
Ill, disabled	3,915	3,995	40	33	106	105	1,871	1,884	1,898	1,974
Keeping house	28,356	28,051	416	367	1,472	1,397	13,509	13,379	12,962	12,910
Retired	13,019	13,774	-	-	-	-	340	382	12,679	13,392
Other activity	4,288	4,411	880	878	484	483	2,288	2,351	635	698
Want a job now	6,503	6,070	1,553	1,377	1,113	1,073	3,280	3,066	556	553
Reason for not looking:										
School attendance	1,608	1,544	1,072	978	295	322	231	240	7	5
Ill health, disability	765	801	20	19	63	57	535	546	147	177
Home responsibilities	1,413	1,378	90	82	322	280	964	979	37	37
Think cannot get a job	1,641	1,283	220	156	270	235	940	706	212	187
Job-market factors	1,248	919	155	112	218	187	766	538	109	105
Personal factors	394	364	66	44	52	49	175	166	103	82
Other reasons ¹	1,076	1,064	151	142	163	179	610	595	153	147
Men										
Total not in labor force	19,484	19,770	3,356	3,252	1,539	1,514	3,749	3,789	10,841	11,215
Do not want a job now	17,274	17,755	2,571	2,572	1,153	1,158	2,963	3,051	10,590	10,962
Current activity:										
Going to school	3,289	3,310	2,089	2,113	835	837	360	347	5	4
Ill, disabled	2,092	2,086	18	19	62	51	1,051	1,060	963	955
Keeping house	303	361	15	8	9	12	84	116	196	224
Retired	9,230	9,595	-	-	-	-	279	311	8,951	9,284
Other activity	2,360	2,403	449	432	247	258	1,189	1,217	475	495
Want a job now	2,210	2,015	786	679	384	355	787	738	251	253
Reason for not looking:										
School attendance	857	782	591	516	170	167	92	105	3	2
Ill health, disability	338	375	8	10	31	23	236	257	62	86
Think cannot get a job	650	489	118	82	125	104	295	218	112	85
Other reasons ¹	365	369	69	71	58	61	164	158	74	80
Women										
Total not in labor force	43,181	43,068	3,748	3,539	3,208	3,128	18,319	18,071	17,906	18,330
Do not want a job now	38,887	39,013	2,981	2,841	2,478	2,400	15,828	15,740	17,600	18,032
Current activity:										
Going to school	3,294	3,227	2,125	2,024	734	738	420	453	14	14
Ill, disabled	1,823	1,909	22	13	44	53	823	821	933	1,020
Keeping house	28,053	27,690	401	358	1,463	1,385	13,425	13,261	12,765	12,687
Retired	3,789	4,179	-	-	-	-	61	70	3,728	4,108
Other activity	1,928	2,008	433	446	237	224	1,099	1,135	160	203
Want a job now	4,293	4,055	767	698	729	728	2,490	2,331	305	298
Reason not looking:										
School attendance	751	762	481	460	126	164	140	136	5	1
Ill health, disability	427	426	12	10	32	35	297	291	85	91
Home responsibilities	1,413	1,378	90	82	322	280	964	979	37	37
Think cannot get a job	991	794	102	74	145	131	643	487	100	102
Other reasons	711	695	82	72	104	118	446	438	78	67

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

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

NOTE: Detail in tables 35 and 36 may not add to not-in-labor-force

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			
	1983	1984	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
WHITE												
Total not in labor force	53,784	53,855	9,112	8,765	18,761	18,447	25,911	26,643	16,441	16,661	37,342	37,193
Do not want a job now	49,046	49,505	7,254	7,088	16,337	16,222	25,453	26,197	14,841	15,198	34,205	34,307
Current activity:												
Going to school	5,144	5,089	4,544	4,480	582	592	17	16	2,585	2,588	2,559	2,501
Ill, disabled	3,151	3,225	109	106	1,478	1,480	1,565	1,639	1,707	1,701	1,444	1,524
Keeping house	25,497	25,190	1,557	1,460	12,093	11,914	11,847	11,817	250	291	25,247	24,899
Retired	11,765	12,429	-	-	310	342	11,455	12,089	8,404	8,707	3,361	3,722
Other activity	3,489	3,572	1,044	1,042	1,874	1,894	569	636	1,895	1,911	1,594	1,661
Want a job now	4,737	4,348	1,857	1,676	2,423	2,227	456	447	1,600	1,462	3,137	2,886
Reason for not looking:												
School attendance	1,161	1,086	986	925	170	160	7	3	623	563	538	523
Ill health, disability	562	575	63	56	386	395	113	124	253	285	309	290
Home responsibilities	1,039	1,016	267	233	740	747	32	36	-	-	1,039	1,016
Think cannot get a job	1,125	823	305	220	646	453	173	152	450	318	675	505
Other reasons ¹	850	848	236	242	481	472	131	132	274	296	576	552
BLACK												
Total not in labor force	7,278	7,315	2,279	2,190	2,564	2,628	2,434	2,497	2,482	2,528	4,796	4,787
Do not want a job now	5,707	5,807	1,537	1,494	1,827	1,911	2,345	2,406	1,942	2,057	3,763	3,751
Current activity:												
Going to school	1,050	1,058	957	949	91	109	3	2	475	495	574	563
Ill, disabled	694	704	36	28	355	362	303	315	345	354	349	351
Keeping house	2,238	2,222	271	253	1,006	1,040	962	929	46	60	2,191	2,162
Retired	1,049	1,141	-	-	22	31	1,028	1,110	686	745	363	396
Other activity	676	681	273	264	353	369	49	50	390	403	286	279
Want a job now	1,571	1,509	743	698	735	719	92	92	539	471	1,033	1,037
Reason for not looking:												
School attendance	393	387	349	328	42	59	1	-	204	181	190	206
Ill health, disability	187	207	18	19	136	139	33	48	79	77	108	129
Home responsibilities	332	317	134	120	194	195	4	2	-	-	332	317
Think cannot get a job	470	414	172	159	265	226	35	29	179	152	291	262
Other reasons ¹	189	184	70	72	98	99	19	13	77	61	112	123
HISPANIC ORIGIN												
Total not in labor force	3,491	3,526	1,036	1,016	1,697	1,719	759	791	873	910	2,618	2,615
Do not want a job now	3,012	3,078	826	812	1,450	1,490	737	776	728	779	2,284	2,299
Current activity:												
Going to school	489	509	443	451	43	57	2	-	220	241	269	268
Ill, disabled	231	252	12	19	159	162	60	72	120	137	110	115
Keeping house	1,706	1,707	256	241	1,110	1,140	341	325	14	21	1,692	1,686
Retired	322	366	-	-	6	7	316	360	230	244	93	122
Other activity	264	244	115	101	132	124	18	19	144	136	120	108
Want a job now	477	447	211	202	246	228	20	17	146	130	332	317
Reason for not looking:												
School attendance	118	98	98	82	21	15	-	-	60	42	58	56
Ill health, disability	59	46	9	6	42	33	8	7	26	25	34	21
Home responsibilities	128	142	44	49	84	91	-	2	-	-	128	142
Think cannot get a job	109	94	38	36	62	54	8	4	39	38	70	56
Other reasons ¹	63	67	22	29	37	35	4	4	21	25	42	42

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" group are not presented and Hispanics are included in both the white and black population groups.

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

(In thousands)

Reason and sex	1984							
	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	132	17	1	24	90	118	13	8
Lacks education or training	143	17	29	93	4	80	51	16
Other personal handicap	89	10	19	49	11	68	19	5
Job-market factors:								
Could not find work	546	78	137	291	39	283	249	43
Thinks no job available	373	34	50	247	43	274	83	22
Men								
Personal factors:								
Employers think too young or old	56	13	-	6	36	52	4	4
Lacks education or training	35	7	10	17	1	20	12	5
Other personal handicap	34	4	10	15	5	24	9	1
Job-market factors:								
Could not find work	237	42	65	110	20	130	99	22
Thinks no job available	127	16	18	69	23	92	29	7
Women								
Personal factors:								
Employers think too young or old	76	4	1	17	54	66	10	4
Lacks education or training	108	10	18	75	3	60	39	11
Other personal handicap	55	5	9	35	6	44	10	4
Job-market factors:								
Could not find work	309	36	72	182	18	153	150	22
Thinks no job available	246	16	31	178	21	182	54	15

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

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

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

(In thousands)

Work-seeking intentions, work history, and sex	Total		Age						Race			
	1983	1984	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
TOTAL												
Do not intend to seek work	52,378	53,070	6,228	6,143	17,951	17,916	28,200	29,010	45,773	46,320	5,349	5,435
Intend to seek work in the next 12 months	10,285	9,766	5,623	5,288	4,115	3,943	547	534	8,009	7,533	1,929	1,881
Never worked	2,039	1,959	1,870	1,788	158	166	10	7	1,401	1,306	549	553
Last worked over 5 years ago	1,221	1,259	87	84	988	1,019	147	156	912	925	266	307
Last worked 1 to 5 years ago	2,660	2,355	930	777	1,532	1,366	197	212	2,007	1,766	561	496
Worked during previous 12 months	4,365	4,192	2,734	2,641	1,438	1,392	192	160	3,688	3,535	552	524
Men												
Do not intend to seek work	15,646	16,209	2,244	2,354	2,830	2,898	10,571	10,958	13,429	13,883	1,802	1,890
Intend to seek work in the next 12 months	3,837	3,560	2,650	2,411	919	891	270	258	3,012	2,778	680	638
Never worked	931	838	899	809	29	28	2	-	654	579	236	224
Last worked over 5 years ago	193	212	17	20	115	134	61	59	130	138	51	62
Last worked 1 to 5 years ago	789	711	328	257	362	338	98	113	593	527	161	143
Worked during previous 12 months	1,925	1,799	1,403	1,325	411	387	109	85	1,635	1,534	232	209
Women												
Do not intend to seek work	36,731	36,861	3,983	3,791	15,121	15,017	17,628	18,053	32,344	32,437	3,547	3,545
Intend to seek work in the next 12 months	6,448	6,206	2,972	2,877	3,197	3,053	278	277	4,997	4,755	1,249	1,242
Never worked	1,108	1,121	971	979	128	138	8	6	747	727	314	329
Last worked over 5 years ago	1,029	1,047	69	64	872	885	86	97	782	787	215	245
Last worked 1 to 5 years ago	1,871	1,644	602	520	1,170	1,027	100	98	1,414	1,239	400	353
Worked during previous 12 months	2,440	2,394	1,330	1,315	1,028	1,004	83	75	2,053	2,001	320	315

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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	
	1983	1984	1983	1984	1983	1984	1983c	1984
TOTAL								
Civilian noninstitutional population	174,215	176,383	150,805	152,347	18,925	19,348	9,632	9,881
Civilian labor force	111,550	113,544	97,021	98,492	11,647	12,033	6,142	6,356
Percent of population	64.0	64.4	64.3	64.6	61.5	62.2	63.8	64.3
Employed	100,834	105,005	88,893	92,120	9,375	10,119	5,303	5,679
Agriculture	3,383	3,321	3,119	3,057	193	196	276	291
Nonagricultural industries	97,450	101,685	85,774	89,063	9,182	9,923	5,027	5,389
Unemployed	10,717	8,539	8,128	6,372	2,272	1,914	839	676
Unemployment rate	9.6	7.5	8.4	6.5	19.5	15.9	13.7	10.6
Not in labor force	62,665	62,839	53,784	53,855	7,278	7,315	3,491	3,526
Men, 16 years and over								
Civilian noninstitutional population	82,531	83,605	71,922	72,723	8,447	8,654	4,548	4,660
Civilian labor force	63,047	63,835	55,480	56,062	5,966	6,126	3,675	3,749
Percent of population	76.4	76.4	77.1	77.1	70.6	70.8	80.8	80.5
Employed	56,787	59,091	50,621	52,462	4,753	5,124	3,178	3,359
Agriculture	2,704	2,668	2,484	2,437	165	174	235	250
Nonagricultural industries	54,083	56,423	48,138	50,025	4,587	4,950	2,944	3,110
Unemployed	6,260	4,744	4,859	3,600	1,213	1,003	497	390
Unemployment rate	9.9	7.4	8.8	6.4	20.3	16.4	13.5	10.4
Not in labor force	19,484	19,771	16,441	16,661	2,482	2,528	873	910
Men, 20 years and over								
Civilian noninstitutional population	74,872	76,219	65,581	66,610	7,360	7,599	3,978	4,107
Civilian labor force	58,744	59,701	51,716	52,453	5,533	5,686	3,372	3,462
Percent of population	78.5	78.3	78.9	78.7	75.2	74.8	84.8	84.3
Employed	53,487	55,769	47,618	49,461	4,531	4,871	2,962	3,142
Agriculture	2,429	2,418	2,225	2,201	152	161	212	228
Nonagricultural industries	51,058	53,351	45,393	47,260	4,379	4,710	2,749	2,914
Unemployed	5,257	3,932	4,098	2,992	1,002	815	411	320
Unemployment rate	8.9	6.6	7.9	5.7	18.1	14.3	12.2	9.2
Not in labor force	16,129	16,518	13,865	14,157	1,828	1,913	606	645
Women, 16 years and over								
Civilian noninstitutional population	91,684	92,778	78,884	79,624	10,477	10,694	5,084	5,222
Civilian labor force	48,503	49,709	41,541	42,431	5,681	5,907	2,466	2,606
Percent of population	52.9	53.6	52.7	53.3	54.2	55.2	48.5	49.9
Employed	44,047	45,915	38,272	39,659	4,622	4,995	2,124	2,320
Agriculture	680	653	635	620	28	22	41	41
Nonagricultural industries	43,367	45,262	37,636	39,038	4,595	4,973	2,083	2,279
Unemployed	4,457	3,794	3,270	2,772	1,059	911	342	286
Unemployment rate	9.2	7.6	7.9	6.5	18.6	15.4	13.8	11.0
Not in labor force	43,181	43,068	37,342	37,193	4,796	4,787	2,618	2,615
Women, 20 years and over								
Civilian noninstitutional population	84,069	85,429	72,601	73,590	9,340	9,588	4,505	4,656
Civilian labor force	44,636	45,900	38,119	39,087	5,306	5,520	2,249	2,367
Percent of population	53.1	53.7	52.5	53.1	56.8	57.6	49.9	50.8
Employed	41,004	42,793	35,476	36,823	4,428	4,773	1,968	2,135
Agriculture	620	595	580	564	25	21	38	33
Nonagricultural industries	40,384	42,198	34,896	36,259	4,403	4,752	1,930	2,102
Unemployed	3,632	3,107	2,643	2,264	878	747	281	232
Unemployment rate	8.1	6.8	6.9	5.8	16.5	13.5	12.5	9.8
Not in labor force	39,433	39,529	34,482	34,503	4,034	4,069	2,257	2,289
Both sexes, 16 to 19 years								
Civilian noninstitutional population	15,274	14,735	12,623	12,147	2,225	2,161	1,148	1,119
Civilian labor force	8,171	7,943	7,186	6,952	809	827	520	527
Percent of population	53.5	53.9	56.9	57.2	36.4	38.3	45.3	47.1
Employed	6,342	6,444	5,799	5,836	416	474	373	402
Agriculture	334	309	314	292	16	13	26	30
Nonagricultural industries	6,008	6,135	5,485	5,544	400	460	347	372
Unemployed	1,829	1,499	1,387	1,116	392	353	148	125
Unemployment rate	22.4	18.9	19.3	16.0	48.5	42.7	28.4	23.7
Not in labor force	7,104	6,791	5,436	5,195	1,416	1,334	628	592

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. c = corrected.

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	
	1983	1984	1983	1984	1983	1984	1983	1984
TOTAL								
Civilian noninstitutional population	9,632	9,881	5,788	5,868	1,239	1,359	765	719
Civilian labor force	6,142	6,356	3,800	3,872	610	711	523	482
Percent of population	63.8	64.3	65.7	66.0	49.2	52.3	68.4	67.0
Employed	5,303	5,679	3,242	3,453	512	616	461	444
Agriculture	276	291	253	265	4	4	4	7
Nonagricultural industries	5,027	5,389	2,989	3,188	509	612	457	437
Unemployed	839	676	558	419	97	95	62	38
Unemployment rate	13.7	10.6	14.7	10.8	15.9	13.3	11.9	7.9
Not in labor force	3,491	3,526	1,988	1,966	630	648	242	237
Men, 16 years and over								
Civilian noninstitutional population	4,548	4,660	2,827	2,879	518	574	354	332
Civilian labor force	3,675	3,749	2,331	2,355	372	415	286	267
Percent of population	80.8	80.5	82.5	81.8	71.8	72.3	80.8	80.4
Employed	3,178	3,359	1,992	2,102	309	364	253	243
Agriculture	235	250	213	229	4	4	4	5
Nonagricultural industries	2,944	3,110	1,779	1,873	305	360	249	238
Unemployed	497	390	339	253	63	51	33	24
Unemployment rate	13.5	10.4	14.6	10.7	17.0	12.3	11.6	9.0
Not in labor force	873	910	496	524	146	159	68	66
Men, 20 years and over								
Civilian noninstitutional population	3,978	4,107	2,461	2,523	440	487	319	308
Civilian labor force	3,372	3,462	2,121	2,161	346	382	262	252
Percent of population	84.8	84.3	86.2	85.7	78.6	78.4	82.1	81.8
Employed	2,962	3,142	1,840	1,955	297	342	234	230
Agriculture	212	228	192	208	3	4	4	5
Nonagricultural industries	2,749	2,914	1,648	1,748	293	338	230	225
Unemployed	411	320	281	206	49	40	28	22
Unemployment rate	12.2	9.2	13.2	9.5	14.2	10.5	10.7	8.7
Not in labor force	606	645	340	362	94	105	57	56
Women, 16 years and over								
Civilian noninstitutional population	5,084	5,222	2,961	2,989	722	785	411	387
Civilian labor force	2,466	2,606	1,468	1,517	238	296	237	215
Percent of population	48.5	49.9	49.6	50.8	33.0	37.7	57.7	55.6
Employed	2,171	2,320	1,250	1,351	204	252	208	201
Agriculture	41	41	41	36	-	-	-	1
Nonagricultural industries	2,083	2,279	1,210	1,315	204	252	208	200
Unemployed	342	286	218	166	34	43	29	14
Unemployment rate	13.8	11.0	14.9	10.9	14.4	14.7	12.1	6.7
Not in labor force	2,618	2,615	1,492	1,472	484	489	174	172
Women, 20 years and over								
Civilian noninstitutional population	4,505	4,656	2,607	2,641	633	699	378	360
Civilian labor force	2,249	2,367	1,323	1,365	218	268	221	201
Percent of population	49.9	50.8	50.7	51.7	34.4	38.3	58.5	55.8
Employed	1,968	2,135	1,148	1,233	191	234	194	188
Agriculture	38	33	37	30	-	-	-	1
Nonagricultural industries	1,930	2,102	1,111	1,203	191	234	194	187
Unemployed	281	232	175	132	27	34	27	12
Unemployment rate	12.5	9.8	13.2	9.7	12.4	12.6	12.2	6.0
Not in labor force	2,257	2,289	1,283	1,277	415	431	157	160
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,148	1,119	721	704	166	173	68	51
Civilian labor force	520	527	355	346	45	61	40	29
Percent of population	45.3	47.1	49.2	49.1	27.1	35.3	58.8	56.9
Employed	373	402	254	265	24	40	33	25
Agriculture	26	30	24	27	-	-	-	-
Nonagricultural industries	347	372	230	238	24	40	33	25
Unemployed	148	125	101	81	21	21	7	4
Unemployment rate	28.4	23.7	28.5	23.4	(²)	34.4	(²)	(²)
Not in labor force	628	592	365	357	121	112	28	22

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	
	1983	1984	1983	1984	1983	1984	1983	1984
CHARACTERISTIC								
Total (all civilian workers)	100,834	105,005	88,893	92,120	9,375	10,119	^c 5,303	5,679
Men	56,787	59,091	50,621	52,462	4,753	5,124	^c 3,178	3,359
Women	44,047	45,915	38,272	39,659	4,622	4,995	^c 2,124	2,320
OCCUPATION								
Managerial and professional specialty	23,592	24,858	21,608	22,702	1,324	1,422	625	683
Executive, administrative, and managerial	10,772	11,571	10,016	10,704	504	582	305	356
Professional specialty	12,820	13,286	11,592	11,998	820	840	320	327
Technical, sales, and administrative support	31,265	32,476	28,159	29,082	2,380	2,592	1,344	1,466
Technicians and related support	3,053	3,172	2,689	2,783	251	262	94	119
Sales occupations	11,818	12,582	10,999	11,673	558	627	436	503
Administrative support, including clerical	16,395	16,722	14,471	14,626	1,571	1,703	815	844
Service occupations	13,857	14,151	11,123	11,214	2,295	2,478	937	998
Private household	980	993	686	667	272	301	83	92
Protective service	1,672	1,678	1,419	1,395	228	252	78	73
Service, except private household and protective	11,205	11,481	9,019	9,152	1,795	1,925	776	833
Precision production, craft, and repair	12,328	13,057	11,219	11,844	841	939	762	811
Mechanics and repairers	4,158	4,376	3,797	3,984	281	305	222	246
Construction trades	4,289	4,573	3,929	4,187	285	317	256	263
Other precision production, craft, and repair	3,881	4,108	3,493	3,673	275	317	284	302
Operators, fabricators, and laborers	16,091	16,864	13,444	14,036	2,256	2,411	1,328	1,396
Machine operators, assemblers, and inspectors	7,744	7,984	6,414	6,600	1,081	1,132	724	757
Transportation and material moving occupations	4,201	4,467	3,592	3,782	547	625	249	253
Handlers, equipment cleaners, helpers, and laborers	4,147	4,413	3,438	3,655	628	654	356	386
Construction laborers	595	668	492	554	96	105	67	69
Other handlers, equipment cleaners, helpers, and laborers	3,551	3,745	2,945	3,101	532	550	288	317
Farming, forestry, and fishing	3,700	3,600	3,339	3,242	279	277	305	326
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,579	1,555	1,377	1,358	160	165	247	263
Self-employed workers	1,565	1,553	1,508	1,491	30	29	26	27
Unpaid family workers	240	213	233	208	4	3	2	1
Nonagricultural industries:								
Wage and salary workers	89,500	93,565	78,351	81,505	8,860	9,583	4,759	5,081
Government	15,537	15,770	12,890	13,028	2,239	2,309	694	698
Private industries	73,963	77,794	65,461	68,477	6,621	7,273	4,065	4,383
Private households	1,247	1,238	895	854	322	353	96	111
Other industries	72,716	76,556	64,566	67,623	6,300	6,920	3,968	4,272
Self-employed workers	7,575	7,785	7,073	7,245	315	336	255	293
Unpaid family workers	376	335	350	313	6	4	13	15
FULL- AND PART-TIME STATUS¹								
Full-time schedules	80,395	84,831	70,751	74,323	7,553	8,225	4,308	4,682
Part time for economic reasons	6,266	5,743	5,174	4,663	930	926	452	424
Part time for noneconomic reasons	14,172	14,431	12,968	13,135	892	968	542	573

¹ Employed persons "with a job but not at work" are distributed proportionately among the full- and part-time employed categories.
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.
c = corrected.

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	
	1983	1984	1983	1984	1983	1984	1983	1984
CHARACTERISTIC								
Total (all civilian workers)	^c 5,303	5,679	3,242	3,453	512	616	461	444
Men	^c 3,178	3,359	1,992	2,102	309	364	253	243
Women	^c 2,124	2,320	1,250	1,351	204	252	208	201
OCCUPATION								
Managerial and professional specialty	625	683	312	317	63	88	77	88
Executive, administrative, and managerial	305	356	159	178	28	44	37	41
Professional specialty	320	327	153	139	35	44	39	47
Technical, sales, and administrative support	1,344	1,466	754	817	147	190	146	136
Technicians and related support	94	119	51	72	10	14	10	5
Sales occupations	436	503	245	289	39	49	47	52
Administrative support, including clerical	815	844	458	456	98	126	89	79
Service occupations	937	998	538	586	108	118	68	53
Private household	83	92	44	50	4	4	2	2
Protective service	78	73	36	40	17	14	6	5
Service, except private household and protective	776	833	459	496	87	100	60	46
Precision production, craft, and repair	762	811	515	537	63	59	54	61
Mechanics and repairers	222	246	139	155	24	23	21	21
Construction trades	256	263	192	190	16	15	14	15
Other precision production, craft, and repair	284	302	184	191	23	21	18	24
Operators, fabricators, and laborers	1,328	1,396	852	904	126	154	112	102
Machine operators, assemblers, and inspectors	724	757	443	469	79	94	65	57
Transportation and material moving occupations	249	253	165	163	20	31	17	18
Handlers, equipment cleaners, helpers, and laborers	356	386	243	272	27	29	30	26
Construction laborers	67	69	56	58	1	1	3	2
Other handlers, equipment cleaners, helpers, and laborers	288	317	187	213	25	28	27	24
Farming, forestry, and fishing	305	326	270	293	5	8	5	6
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	247	263	234	247	4	4	1	4
Self-employed workers	26	27	17	17	-	-	2	2
Unpaid family workers	2	1	2	-	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	4,759	5,081	2,837	3,011	490	594	424	399
Government	694	698	454	434	81	95	33	29
Private industries	4,065	4,383	2,383	2,576	409	499	391	371
Private households	96	111	54	63	4	5	2	2
Other industries	3,968	4,272	2,329	2,513	405	494	389	369
Self-employed workers	255	293	144	168	18	17	31	36
Unpaid family workers	13	15	8	10	1	1	3	2
FULL- AND PART-TIME STATUS²								
Full-time schedules	4,308	4,682	2,602	2,819	436	529	383	372
Part time for economic reasons	452	424	317	304	29	35	26	19
Part time for noneconomic reasons	542	573	323	330	47	53	52	53

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 proportionately among the full- and part-time employed categories.
c = corrected.

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

(In thousands)

Sex and age	Total		White		Black		Hispanic origin	
	1983	1984	1983	1984	1983	1984	1983 ^c	1984
Total, 16 years and over	100,834	105,005	88,893	92,120	9,375	10,119	5,303	5,679
16 to 19 years	6,342	6,444	5,799	5,836	416	474	373	402
16 to 17 years	2,320	2,404	2,156	2,209	123	146	112	129
18 to 19 years	4,022	4,040	3,643	3,627	294	328	261	273
20 to 24 years	13,722	14,207	12,138	12,451	1,280	1,423	856	914
25 years and over	80,770	84,354	70,956	73,832	7,679	8,222	4,074	4,363
25 to 54 years	66,528	70,125	58,110	61,026	6,539	7,067	3,637	3,897
55 years and over	14,242	14,230	12,846	12,805	1,141	1,154	437	466
Men, 16 years and over	56,787	59,091	50,621	52,462	4,753	5,124	3,178	3,359
16 to 19 years	3,300	3,322	3,003	3,001	222	252	216	217
16 to 17 years	1,213	1,244	1,124	1,140	64	79	63	66
18 to 19 years	2,087	2,078	1,879	1,861	158	173	153	151
20 to 24 years	7,232	7,571	6,386	6,647	684	750	497	538
25 years and over	46,255	48,198	41,232	42,813	3,847	4,122	2,465	2,605
25 to 54 years	37,799	39,801	33,511	35,140	3,266	3,553	2,194	2,324
55 years and over	8,456	8,397	7,721	7,672	582	568	271	280
Women, 16 years and over	44,047	45,915	38,272	39,659	4,622	4,995	2,124	2,320
16 to 19 years	3,043	3,122	2,796	2,835	194	222	157	185
16 to 17 years	1,107	1,161	1,032	1,069	59	67	49	64
18 to 19 years	1,935	1,962	1,764	1,766	136	155	108	121
20 to 24 years	6,490	6,636	5,751	5,804	596	673	360	376
25 years and over	34,514	36,156	29,724	31,019	3,832	4,100	1,609	1,759
25 to 54 years	28,729	30,324	24,599	25,886	3,273	3,514	1,443	1,574
55 years and over	5,786	5,833	5,125	5,133	559	586	165	185

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. c = corrected.

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

(Civilian workers)

Sex and age	Total		White		Black		Hispanic origin	
	1983	1984	1983	1984	1983	1984	1983 ^c	1984
Total, 16 years and over	9.6	7.5	8.4	6.5	19.5	15.9	13.7	10.6
16 to 19 years	22.4	18.9	19.3	16.0	48.5	42.7	28.4	23.7
16 to 17 years	24.5	21.2	22.0	18.8	50.5	45.7	33.6	28.0
18 to 19 years	21.1	17.4	17.6	14.3	47.6	41.2	25.9	21.5
20 to 24 years	14.5	11.5	12.1	9.3	31.6	26.1	16.8	12.3
25 years and over	7.5	5.8	6.7	5.1	14.4	11.4	11.3	8.9
25 to 54 years	8.0	6.1	7.1	5.3	15.2	12.1	11.4	8.7
55 years and over	5.3	4.5	4.8	4.2	9.2	7.2	10.3	9.7
Men, 16 years and over	9.9	7.4	8.8	6.4	20.3	16.4	13.5	10.4
16 to 19 years	23.3	19.6	20.2	16.8	48.8	42.7	28.7	24.5
16 to 17 years	25.2	21.9	22.6	19.7	52.2	44.0	34.5	30.5
18 to 19 years	22.2	18.3	18.7	15.0	47.3	42.2	25.9	21.6
20 to 24 years	15.9	11.9	13.8	9.8	31.4	26.6	17.1	12.1
25 years and over	7.8	5.7	6.9	5.0	15.2	11.6	11.1	8.6
25 to 54 years	8.2	5.9	7.4	5.2	15.9	12.1	11.1	8.3
55 years and over	5.6	4.6	5.1	4.3	11.1	8.7	11.1	10.5
Women, 16 years and over	9.2	7.6	7.9	6.5	18.6	15.4	13.8	11.0
16 to 19 years	21.3	18.0	18.3	15.2	48.2	42.6	27.9	22.8
16 to 17 years	23.7	20.4	21.4	17.8	48.6	47.5	32.4	25.2
18 to 19 years	19.9	16.6	16.4	13.6	48.0	40.2	25.7	21.4
20 to 24 years	12.9	10.9	10.3	8.8	31.8	25.6	16.4	12.5
25 years and over	7.2	6.0	6.3	5.2	13.5	11.2	11.5	9.2
25 to 54 years	7.7	6.3	6.6	5.5	14.5	12.0	11.8	9.3
55 years and over	4.7	4.2	4.4	4.0	7.2	5.6	8.8	8.4

c = corrected.

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

(Numbers in thousands)

Weeks of unemployment	Total		White		Black		Hispanic origin	
	1983	1984	1983	1984	1983	1984	1983	1984
DURATION								
Total, 16 years and over	10,717	8,539	8,128	6,372	2,272	1,914	^c 839	676
Less than 5 weeks	3,570	3,350	2,729	2,560	725	680	317	299
5 to 14 weeks	2,937	2,451	2,259	1,831	585	549	251	198
15 weeks and over	4,210	2,737	3,140	1,980	962	685	271	179
15 to 26 weeks	1,652	1,104	1,270	831	339	239	125	92
27 weeks and over	2,559	1,634	1,870	1,150	623	446	146	87
Average (mean) duration, in weeks	20.0	18.2	19.4	17.5	22.3	20.8	16.0	13.7
Median duration, in weeks	10.1	7.9	9.9	7.6	10.0	8.1	8.4	6.5
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	33.3	39.2	33.6	40.2	31.9	35.5	^c 37.8	44.2
5 to 14 weeks	27.4	28.7	27.8	28.7	25.8	28.7	^c 29.9	29.3
15 weeks and over	39.3	32.1	38.6	31.1	42.3	35.8	^c 32.3	26.5
15 to 26 weeks	15.4	12.9	15.6	13.0	14.9	12.5	^c 14.9	13.6
27 weeks and over	23.9	19.1	23.0	18.0	27.4	23.3	17.4	12.9

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.
c = corrected.

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

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin	
	1983	1984	1983	1984	1983	1984	1983	1984
NUMBER OF UNEMPLOYED								
Total, 16 years and over	10,717	8,539	8,128	6,372	2,272	1,914	^c 839	676
Job losers	6,258	4,421	4,896	3,406	1,307	994	529	385
On layoff	1,780	1,171	1,513	1,002	237	147	113	88
Other job losers	4,478	3,250	3,383	2,404	1,070	846	416	297
Job leavers	830	823	683	680	19	23	62	58
Reentrants	2,412	2,184	1,722	1,566	602	545	155	143
New entrants	1,216	1,110	827	719	344	353	93	91
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	58.4	51.8	60.2	53.4	57.5	51.9	63.0	56.9
On layoff	16.6	13.7	18.6	15.7	10.4	7.7	13.5	13.0
Other job losers	41.8	38.1	41.6	37.7	47.1	44.2	49.6	43.9
Job leavers	7.7	9.6	8.4	10.7	.8	1.2	7.4	8.6
Reentrants	22.5	25.6	21.2	24.6	26.5	28.5	18.5	21.1
New entrants	11.3	13.0	10.2	11.3	15.1	18.4	11.1	13.4
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	5.6	3.9	5.1	3.4	11.2	8.3	8.6	6.1
Job leavers .....	.7	.7	.7	.7	.2	.2	1.0	.9
Reentrants	2.2	1.9	1.8	1.6	5.2	4.5	2.5	2.2
New entrants	1.1	1.0	.9	.7	3.0	2.9	1.5	1.4

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

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

**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							
	1983	1984	Total		Employed		Unemployed			
			1983	1984	1983	1984	Number		Percent of labor force	
							1983	1984	1983	1984
VETERANS										
Total, 25 years and over	7,962	7,918	7,465	7,430	6,816	6,987	649	443	8.7	6.0
25 to 39 years	6,003	5,498	5,742	5,289	5,200	4,942	542	347	9.4	6.6
25 to 29 years	725	478	679	452	573	401	106	51	15.6	11.3
30 to 34 years	2,203	1,729	2,096	1,654	1,878	1,529	218	125	10.4	7.6
35 to 39 years	3,075	3,291	2,967	3,183	2,749	3,012	218	171	7.3	5.4
40 years and over	1,959	2,420	1,723	2,141	1,616	2,045	107	96	6.2	4.5
NONVETERANS										
Total, 25 to 39 years	19,922	21,109	18,798	19,923	17,088	18,639	1,710	1,284	9.1	6.4
25 to 29 years	8,669	8,960	8,126	8,390	7,247	7,774	879	616	10.8	7.3
30 to 34 years	6,755	7,396	6,404	7,026	5,898	6,611	506	415	7.9	5.9
35 to 39 years	4,498	4,753	4,268	4,507	3,943	4,254	325	253	7.6	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 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population. Although Public Law 96-466 (the Veterans Rehabilitation and Education

Amendments of 1980), which became effective October 17, 1980, requires publication of labor market data for veterans who actually served in Vietnam theater of operations, these data are not presently collected. Because of the widespread interest in statistics for all Vietnam-era veterans, the BLS is continuing publication of annual data for this group since these data are currently available.

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	
	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984	1983	1984
TOTAL, 25 to 39 years												
Civilian noninstitutional population	5,299	4,865	615	548	234	214	17,193	18,120	2,030	2,211	1,472	1,516
Civilian labor force	5,097	4,709	565	506	224	207	16,401	17,293	1,795	1,955	1,384	1,419
Employed	4,669	4,428	462	443	208	196	15,072	16,336	1,471	1,679	1,224	1,293
Unemployed	427	274	103	64	16	11	1,327	956	324	278	160	126
Unemployment rate	8.4	5.9	18.2	12.6	7.1	5.3	8.1	5.5	18.1	14.2	11.6	8.9
25 to 29 years												
Civilian noninstitutional population	603	396	107	73	34	25	7,519	7,723	885	946	630	637
Civilian labor force	572	377	95	66	32	25	7,134	7,322	774	828	589	593
Employed	495	338	71	53	29	23	6,445	6,861	609	692	515	535
Unemployed	76	40	24	11	3	2	689	461	165	135	74	58
Unemployment rate	13.3	10.6	25.3	16.7	(¹)	(¹)	9.7	6.3	21.3	16.3	12.6	9.8
30 to 34 years												
Civilian noninstitutional population	1,939	1,511	234	193	97	74	5,804	6,353	698	769	485	510
Civilian labor force	1,851	1,453	218	179	93	72	5,560	6,101	622	683	459	479
Employed	1,674	1,355	179	155	87	68	5,173	5,790	523	597	409	440
Unemployed	177	98	39	24	6	4	386	310	99	88	50	39
Unemployment rate	9.6	6.7	17.9	13.4	6.5	5.6	6.9	5.1	15.9	12.9	10.9	8.1
35 to 39 years												
Civilian noninstitutional population	2,757	2,958	274	282	103	115	3,870	4,044	447	496	357	369
Civilian labor force	2,674	2,876	252	261	99	110	3,707	3,870	399	444	336	347
Employed	2,500	2,735	212	232	92	105	3,454	3,685	339	390	300	318
Unemployed	174	141	40	29	7	5	252	185	60	55	36	29
Unemployment rate	6.5	4.9	15.9	11.1	7.1	4.5	6.8	4.4	15.0	12.4	10.7	8.4

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.

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	1983					1984				
	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	61,080	7,836	30.5	69.5	59.5	61,882	6,370	30.0	70.0	60.6
With children under 18 years of age	30,649	4,709	32.5	67.5	57.2	30,953	3,805	31.5	68.5	58.6
Married-couple families	49,330	5,793	23.2	76.8	66.9	49,737	4,544	21.9	78.1	68.8
With children under 18 years of age	23,998	3,545	22.8	77.2	66.3	24,130	2,786	20.6	79.4	69.4
Families maintained by women	9,624	1,664	53.4	46.6	36.4	9,897	1,496	52.2	47.8	37.4
With children under 18 years of age	5,878	1,032	62.4	37.6	28.5	5,987	906	62.1	37.9	28.1
Families maintained by men	2,125	379	41.5	58.5	49.5	2,247	330	40.0	60.0	53.0
With children under 18 years of age	774	131	58.8	41.2	34.4	837	113	55.8	44.2	37.2
White										
Total families	53,152	6,102	28.3	71.7	61.7	53,714	4,873	27.5	72.5	63.2
With children under 18 years of age	25,829	3,595	29.4	70.6	59.8	26,042	2,868	28.1	71.9	62.0
Married-couple families	44,796	4,877	23.6	76.4	66.4	45,166	3,817	22.2	77.8	68.6
With children under 18 years of age	21,392	2,943	23.3	76.7	65.7	21,502	2,310	20.9	79.1	69.3
Families maintained by women	6,647	952	48.7	51.3	40.5	6,779	830	48.6	51.4	41.1
With children under 18 years of age	3,811	553	57.5	42.5	32.2	3,880	477	58.7	41.3	30.8
Families maintained by men	1,709	274	40.1	59.9	50.4	1,769	227	38.8	61.2	53.7
With children under 18 years of age	625	99	55.6	44.4	37.4	661	81	54.3	45.7	38.3
Black										
Total families	6,490	1,517	39.2	60.8	51.3	6,673	1,315	39.1	60.9	51.0
With children under 18 years of age	3,909	969	43.2	56.8	48.1	3,964	817	43.1	56.9	47.1
Married-couple families	3,388	756	20.1	79.9	70.1	3,388	593	19.2	80.8	71.2
With children under 18 years of age	1,856	490	18.8	81.2	71.0	1,847	380	17.4	82.6	71.6
Families maintained by women	2,765	674	59.8	40.2	31.0	2,889	633	56.9	43.1	32.5
With children under 18 years of age	1,927	453	68.4	31.6	24.5	1,967	411	65.5	34.5	25.3
Families maintained by men	338	88	44.3	55.7	46.6	396	89	44.3	55.7	48.9
With children under 18 years of age	125	26	(¹)	(¹)	(¹)	150	26	(¹)	(¹)	(¹)
Hispanic origin										
Total families	3,420	623	33.4	66.6	56.6	3,547	529	33.8	66.2	56.7
With children under 18 years of age	2,314	433	36.9	63.1	53.0	2,379	370	35.7	64.3	54.3
Married-couple families	2,471	465	27.3	72.7	62.8	2,548	381	27.3	72.7	62.5
With children under 18 years of age	1,685	340	29.7	70.3	60.3	1,721	277	27.0	73.0	61.9
Families maintained by women	787	125	55.2	44.8	33.6	816	117	54.7	45.3	37.6
With children under 18 years of age	573	83	63.9	36.1	26.5	591	82	63.4	36.6	29.3
Families maintained by men	162	33	(¹)	(¹)	(¹)	182	31	(¹)	(¹)	(¹)
With children under 18 years of age	57	11	(¹)	(¹)	(¹)	67	10	(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. Because of the introduction of new estimation techniques beginning with data for January 1983, these data are not comparable with those previously published.

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

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1983				1984			
	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	9,077	32.7	67.3	57.3	7,162	32.3	67.7	58.2
Husbands	2,443	43.2	56.8	42.2	1,747	43.1	56.9	42.4
With children under 18 years of age	1,571	45.9	54.1	37.9	1,116	45.3	54.7	38.5
Wives	1,730	21.6	78.4	71.0	1,441	17.9	82.1	74.8
With children under 18 years of age	1,098	19.9	80.1	72.2	937	16.2	83.8	76.3
Relatives in married-couple families	2,508	11.9	88.1	81.3	1,883	12.4	87.6	81.4
Women who maintain families	707	82.0	18.0	10.3	624	83.0	17.0	10.3
With children under 18 years of age	595	88.3	11.7	5.2	518	90.4	9.6	4.0
Relatives in families maintained by women	1,250	37.6	62.4	50.5	1,097	36.0	64.0	51.3
Men who maintain families	168	69.0	31.0	21.0	140	69.0	31.0	24.9
With children under 18 years of age	81	87.0	13.0	6.6	65	89.4	10.6	6.9
Relatives in families maintained by men	271	29.1	70.9	62.0	230	27.3	72.7	66.1
White								
Total unemployed in families ¹	6,898	30.6	69.4	59.2	5,338	30.0	70.0	60.7
Husbands	2,085	44.2	55.8	40.7	1,487	44.0	56.0	41.5
With children under 18 years of age	1,312	47.3	52.7	35.6	932	46.4	53.6	37.3
Wives	1,469	21.3	78.7	71.5	1,221	17.6	82.4	75.4
With children under 18 years of age	917	19.3	80.7	73.2	785	16.0	84.0	76.9
Relatives in married-couple families	1,983	11.6	88.4	81.7	1,483	12.1	87.9	82.1
Women who maintain families	374	77.1	22.9	13.5	331	79.2	20.8	13.0
With children under 18 years of age	305	84.6	15.4	6.9	261	89.0	11.0	3.9
Relatives in families maintained by women	682	33.6	66.4	54.6	569	33.4	66.6	55.2
Men who maintain families	122	69.3	30.7	19.9	99	66.7	33.3	26.9
With children under 18 years of age	59	87.7	12.3	6.1	47	89.4	10.6	6.7
Relatives in families maintained by men	183	25.5	74.5	65.3	148	24.5	75.5	68.8
Black								
Total unemployed in families ¹	1,916	40.2	59.8	50.5	1,614	40.1	59.9	49.6
Husbands	284	36.8	63.2	51.0	203	34.5	65.5	51.6
With children under 18 years of age	201	37.0	63.0	51.2	142	35.6	64.4	48.0
Wives	212	23.4	76.6	66.9	175	21.7	78.3	68.4
With children under 18 years of age	148	21.9	78.1	67.4	119	18.8	81.2	70.0
Relatives in married-couple families	455	12.8	87.2	79.8	346	13.9	86.1	78.3
Women who maintain families	311	88.3	11.7	6.3	279	87.3	12.7	7.3
With children under 18 years of age	273	92.7	7.3	3.3	246	91.7	8.3	4.3
Relatives in families maintained by women	540	42.4	57.6	46.0	505	39.0	61.0	46.8
Men who maintain families	38	68.8	31.2	22.0	33	(²)	(²)	(²)
With children under 18 years of age	17	(²)	(²)	(²)	14	(²)	(²)	(²)
Relatives in families maintained by men	76	37.4	62.6	53.6	72	34.8	65.2	58.6
Hispanic origin								
Total unemployed in families ¹	740	34.7	65.3	55.8	597	36.4	63.6	54.6
Husbands	222	52.1	47.9	37.1	173	53.0	47.0	34.7
With children under 18 years of age	169	56.1	43.9	33.4	130	54.4	45.6	31.1
Wives	152	22.1	77.9	68.5	122	17.9	82.1	72.0
With children under 18 years of age	114	20.8	79.2	68.5	84	18.6	81.4	71.4
Relatives in married-couple families	188	7.8	92.2	84.2	134	11.0	89.0	83.1
Women who maintain families	48	80.9	19.1	12.1	48	80.5	19.5	13.9
With children under 18 years of age	41	85.6	14.4	7.5	40	90.1	9.9	6.8
Relatives in families maintained by women	94	41.8	58.2	46.8	85	43.1	56.9	48.0
Men who maintain families	15	(²)	(²)	(²)	15	(²)	(²)	(²)
With children under 18 years of age	7	(²)	(²)	(²)	6	(²)	(²)	(²)
Relatives in families maintained by men	21	(²)	(²)	(²)	20	(²)	(²)	(²)

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

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. Because of the introduction of new estimation techniques beginning with data for January 1983, these data are not comparable with those previously published. Moreover, 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.

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

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1983				1984			
	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	83,703	26.1	73.9	62.0	86,767	24.6	75.4	64.0
Husbands	36,556	35.7	64.3	45.9	37,511	33.8	66.2	48.3
With children under 18 years of age	21,345	38.2	61.8	40.4	21,927	36.2	63.8	43.0
Wives	23,892	11.2	88.8	83.1	24,848	9.5	90.5	85.4
With children under 18 years of age	12,848	7.7	92.3	87.6	13,461	6.0	94.0	89.9
Relatives in married-couple families	11,771	6.8	93.2	88.4	12,013	6.4	93.6	89.4
Women who maintain families	5,021	64.5	35.5	22.8	5,397	63.2	36.8	24.1
With children under 18 years of age	3,326	78.8	21.2	9.9	3,548	78.9	21.1	9.9
Relatives in families maintained by women	3,898	27.0	73.0	61.6	4,188	24.9	75.1	64.4
Men who maintain families	1,425	54.0	46.0	33.6	1,558	52.9	47.1	34.7
With children under 18 years of age	609	76.9	23.1	12.1	694	77.8	22.2	11.5
Relatives in families maintained by men	1,141	19.9	80.1	71.7	1,252	18.2	81.8	74.5
White								
Total employed in families ¹	74,147	25.5	74.5	62.3	76,495	24.0	76.0	64.3
Husbands	33,353	36.1	63.9	45.0	34,171	34.2	65.8	47.2
With children under 18 years of age	19,238	38.8	61.2	38.9	19,711	36.9	63.1	41.3
Wives	21,430	10.7	89.3	83.7	22,272	9.0	91.0	85.9
With children under 18 years of age	11,289	7.0	93.0	88.3	11,837	5.5	94.5	90.6
Relatives in married-couple families	10,623	6.6	93.4	88.7	10,801	6.4	93.6	89.7
Women who maintain families	3,681	61.6	38.4	24.4	3,890	60.3	39.7	25.7
With children under 18 years of age	2,392	76.8	23.2	10.2	2,518	77.1	22.9	10.1
Relatives in families maintained by women	2,952	26.9	73.1	62.0	3,104	24.9	75.1	64.8
Men who maintain families	1,171	52.9	47.1	34.0	1,255	52.2	47.8	34.8
With children under 18 years of age	503	75.7	24.3	12.3	562	76.9	23.1	11.0
Relatives in families maintained by men	935	19.1	80.9	73.0	1,001	17.1	82.9	76.2
Black								
Total employed in families ¹	7,428	32.5	67.5	57.7	7,890	30.7	69.3	59.9
Husbands	2,333	30.6	69.4	56.5	2,424	27.8	72.2	60.3
With children under 18 years of age	1,491	30.7	69.3	56.0	1,564	27.5	72.5	60.1
Wives	1,825	17.2	82.8	76.0	1,900	14.3	85.7	79.7
With children under 18 years of age	1,136	14.0	86.0	79.9	1,177	10.1	89.9	84.4
Relatives in married-couple families	832	9.2	90.8	83.9	861	7.4	92.6	85.4
Women who maintain families	1,232	73.4	26.6	17.7	1,388	71.7	28.3	18.8
With children under 18 years of age	863	84.0	16.0	9.2	959	83.5	16.5	9.1
Relatives in families maintained by women	848	28.0	72.0	59.8	965	25.5	74.5	62.5
Men who maintain families	207	61.4	38.6	29.1	253	59.8	40.2	31.4
With children under 18 years of age	93	83.4	16.6	10.5	117	83.9	16.1	11.3
Relatives in families maintained by men	153	25.9	74.1	63.8	189	24.9	75.1	66.0
Hispanic origin								
Total employed in families ¹	4,543	29.6	70.4	59.8	4,882	27.8	72.2	62.3
Husbands	1,934	43.2	56.8	43.7	2,047	41.4	58.6	45.5
With children under 18 years of age	1,419	46.8	53.2	39.9	1,493	44.9	55.1	41.7
Wives	1,082	10.4	89.6	82.3	1,188	9.7	90.3	83.7
With children under 18 years of age	731	8.9	91.1	84.7	796	7.6	92.4	85.8
Relatives in married-couple families	717	7.5	92.5	85.2	740	5.5	94.5	89.5
Women who maintain families	323	65.7	34.3	24.2	358	61.7	38.3	27.1
With children under 18 years of age	225	75.5	24.5	13.2	242	75.2	24.8	15.4
Relatives in families maintained by women	255	28.9	71.1	56.4	285	21.7	78.3	65.4
Men who maintain families	117	41.7	58.3	48.6	134	41.4	58.6	48.7
With children under 18 years of age	40	70.2	29.8	24.4	53	69.2	30.8	21.9
Relatives in families maintained by men	115	8.3	91.7	79.4	129	10.8	89.2	83.3

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

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. Because of the introduction of

new estimation techniques beginning with data for January 1983, these data are not comparable with those previously published. Moreover, 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.

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52. 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	1983					1984				
	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
AGE AND SEX										
Total, 16 years and over	88,290	17,717	20.1	20,532	23.3	92,194	17,340	18.8	19,932	21.6
16 to 24 years	19,305	1,749	9.1	2,145	11.1	19,905	1,576	7.9	1,901	9.5
25 years and over	68,985	15,968	23.1	18,388	26.7	72,289	15,764	21.8	18,031	24.9
25 to 34 years	25,378	5,097	19.6	5,990	23.1	27,477	4,997	18.2	5,840	21.3
35 to 44 years	18,722	4,648	24.8	5,362	28.6	20,140	4,819	23.9	5,515	27.4
45 to 54 years	13,150	3,554	27.0	4,014	30.5	13,489	3,437	25.5	3,882	28.8
55 to 64 years	9,201	2,474	26.9	2,788	30.3	9,293	2,324	25.0	2,580	27.8
65 years and over	1,934	196	10.1	234	12.1	1,891	186	9.8	213	11.3
Men, 16 years and over	47,856	11,809	24.7	13,270	27.7	50,022	11,511	23.0	12,832	25.7
16 to 24 years	9,974	1,128	11.3	1,341	13.4	10,361	1,025	9.9	1,205	11.6
25 years and over	37,882	10,681	28.2	11,929	31.5	39,661	10,485	26.4	11,627	29.3
25 to 34 years	14,286	3,364	23.5	3,821	26.7	15,184	3,309	21.8	3,719	24.5
35 to 44 years	10,189	3,110	30.5	3,455	33.9	10,917	3,201	29.3	3,552	32.5
45 to 54 years	7,257	2,402	33.1	2,647	36.5	7,446	2,319	31.1	2,555	34.3
55 to 64 years	5,129	1,684	32.8	1,861	36.3	5,124	1,548	30.2	1,677	32.7
65 years and over	1,022	122	11.9	145	14.2	990	109	11.0	125	12.6
Women, 16 years and over	40,433	5,908	14.6	7,262	18.0	42,172	5,829	13.8	7,100	16.8
16 to 24 years	9,331	621	6.7	804	8.6	9,544	550	5.8	695	7.3
25 years and over	31,103	5,287	17.0	6,459	20.8	32,628	5,279	16.2	6,404	19.6
25 to 34 years	11,692	1,733	14.8	2,169	18.5	12,293	1,689	13.7	2,120	17.2
35 to 44 years	8,533	1,538	18.0	1,907	22.3	9,222	1,618	17.5	1,964	21.3
45 to 54 years	5,894	1,152	19.5	1,367	23.2	6,042	1,118	18.5	1,328	22.0
55 to 64 years	4,071	790	19.4	927	22.8	4,169	776	18.6	903	21.7
65 years and over	912	74	8.1	89	9.7	902	78	8.6	89	9.9
RACE AND HISPANIC ORIGIN										
White, 16 years and over	77,046	14,844	19.3	17,182	22.3	80,071	14,380	18.0	16,547	20.7
Men	42,168	10,134	24.0	11,364	26.9	43,932	9,805	22.3	10,927	24.9
Women	34,877	4,710	13.5	5,818	16.7	36,139	4,575	12.7	5,620	15.6
Black, 16 years and over	8,979	2,440	27.2	2,850	31.7	9,699	2,514	25.9	2,865	29.5
Men	4,477	1,420	31.7	1,615	36.1	4,819	1,455	30.2	1,612	33.4
Women	4,502	1,020	22.7	1,235	27.4	4,880	1,059	21.7	1,253	25.7
Hispanic origin, 16 years and over	4,952	1,042	21.1	1,199	24.2	5,271	1,068	20.3	1,210	22.9
Men	2,928	707	24.1	792	27.0	3,067	725	23.6	804	26.2
Women	2,023	336	16.6	407	20.1	2,204	343	15.6	406	18.4
FULL- OR PART-TIME STATUS³										
Full-time workers	70,976	16,271	22.9	18,745	26.4	74,912	16,074	21.5	18,376	24.5
Part-time workers	17,314	1,446	8.4	1,787	10.3	17,282	1,266	7.3	1,556	9.0

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

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

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.

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

(Numbers in thousands)

Occupation and industry	1983					1984				
	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	19,657	3,354	17.1	4,307	21.9	20,817	3,279	15.8	4,195	20.2
Executive, administrative, and managerial	8,546	690	8.1	916	10.7	9,313	590	6.3	842	9.0
Professional specialty	11,111	2,664	24.0	3,392	30.5	11,504	2,689	23.4	3,353	29.1
Technical, sales, and administrative support	28,024	3,377	12.1	4,199	15.0	29,135	3,257	11.2	4,026	13.8
Technicians and related support	3,001	399	13.3	515	17.1	3,089	376	12.2	482	15.6
Sales occupations	9,234	616	6.7	739	8.0	9,916	625	6.3	738	7.4
Administrative support, including clerical	15,789	2,363	15.0	2,945	18.7	16,130	2,256	14.0	2,806	17.4
Service occupations	12,875	1,971	15.3	2,306	17.9	13,066	1,972	15.1	2,243	17.2
Protective service	1,674	653	39.0	746	44.6	1,659	641	38.7	729	44.0
Service, except protective service	11,202	1,318	11.8	1,560	13.9	11,407	1,330	11.7	1,513	13.3
Precision production, craft, and repair	10,542	3,466	32.9	3,760	35.7	11,188	3,365	30.1	3,641	32.5
Operators, fabricators, and laborers	15,416	5,452	35.4	5,839	37.9	16,213	5,368	33.1	5,712	35.2
Machine operators, assemblers, and inspectors	7,537	2,784	36.9	2,973	39.4	7,798	2,761	35.4	2,927	37.5
Transportation and material moving occupations	3,822	1,470	38.5	1,577	41.3	4,122	1,430	34.7	1,524	37.0
Handlers, equipment cleaners, helpers, and laborers	4,058	1,198	29.5	1,288	31.8	4,293	1,178	27.4	1,261	29.4
Farming, forestry, and fishing	1,775	98	5.5	122	6.9	1,775	98	5.5	114	6.4
INDUSTRY										
Agricultural wage and salary workers	1,446	49	3.4	55	3.8	1,455	38	2.6	47	3.3
Private nonagricultural wage and salary workers	71,225	11,933	16.8	13,369	18.8	74,931	11,647	15.5	12,943	17.3
Mining	869	180	20.7	201	23.1	902	159	17.7	179	19.8
Construction	4,109	1,131	27.5	1,207	29.4	4,504	1,061	23.5	1,115	24.8
Manufacturing	19,066	5,303	27.8	5,812	30.5	20,207	5,250	26.0	5,729	28.4
Durable goods	11,162	3,258	29.2	3,570	32.0	12,073	3,317	27.5	3,628	30.0
Nondurable goods	7,904	2,045	25.9	2,242	28.4	8,134	1,933	23.8	2,102	25.8
Transportation and public utilities	5,142	2,182	42.4	2,376	46.2	5,532	2,139	38.7	2,331	42.1
Transportation	2,712	1,152	42.5	1,213	44.7	3,007	1,121	37.3	1,185	39.4
Communications and public utilities	2,430	1,029	42.4	1,163	47.9	2,525	1,017	40.3	1,146	45.4
Wholesale and retail trade	18,081	1,568	8.7	1,775	9.8	18,839	1,491	7.9	1,665	8.8
Wholesale trade	3,653	340	9.3	395	10.8	3,579	306	8.6	341	9.5
Retail trade	14,427	1,228	8.5	1,380	9.6	15,260	1,185	7.8	1,324	8.7
Finance, insurance, and real estate	5,559	160	2.9	228	4.1	5,794	156	2.7	231	4.0
Services	18,400	1,410	7.7	1,770	9.6	19,153	1,391	7.3	1,693	8.8
Government	15,618	5,735	36.7	7,109	45.5	15,809	5,654	35.8	6,942	43.9

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

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

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

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

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

Age, sex, race, Hispanic origin	1983				1984			
	Total	Members of unions ¹	Represented by unions ²	Non-union ³	Total	Members of unions ¹	Represented by unions ²	Non-union ³
AGE AND SEX								
Total, 16 years and over	\$309	\$398	\$386	\$288	\$326	\$405	\$404	\$303
16 to 24 years	207	281	276	204	215	293	287	207
25 years and over	349	402	400	317	360	408	407	335
25 to 34 years	322	385	376	304	338	402	400	317
35 to 44 years	367	407	406	344	399	432	428	361
45 to 54 years	365	405	404	337	389	425	425	356
55 to 64 years	350	401	400	315	363	406	406	333
65 years and over	256	348	337	244	271	358	360	244
Men, 16 years and over	379	411	408	353	400	444	443	362
16 to 24 years	223	303	299	209	232	309	307	222
25 years and over	405	424	423	401	421	451	451	406
25 to 34 years	368	406	405	353	383	425	421	360
35 to 44 years	445	446	446	444	468	468	468	467
45 to 54 years	446	441	442	452	465	463	466	465
55 to 64 years	409	422	421	407	444	448	449	428
65 years and over	305	385	379	282	327	408	407	304
Women, 16 years and over	252	307	306	238	259	326	324	251
16 to 24 years	201	248	247	197	203	249	247	202
25 years and over	263	316	312	253	282	337	333	264
25 to 34 years	269	321	312	257	284	341	331	269
35 to 44 years	269	328	326	254	292	353	352	272
45 to 54 years	258	309	310	249	278	330	336	258
55 to 64 years	255	300	300	244	266	316	311	253
65 years and over	207	(⁴)	266	203	217	293	293	204
RACE AND HISPANIC ORIGIN								
White, 16 years and over	321	402	400	300	339	409	407	307
Men	397	424	421	360	403	451	450	376
Women	253	313	309	242	264	336	330	253
Black, 16 years and over	257	337	327	221	265	357	352	236
Men	299	366	363	246	304	399	394	253
Women	231	291	286	206	242	303	301	218
Hispanic origin, 16 years and over	250	313	313	225	256	351	346	238
Men	274	351	350	246	286	383	378	254
Women	209	258	262	203	224	293	285	210

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 refer to workers who report no union membership or coverage.

⁴ Data not shown where base is less than 50,000.

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.

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

Occupation and industry	1983				1984			
	Total	Members of unions ¹	Repre- sented by unions ²	Non-union ³	Total	Members of unions ¹	Repre- sented by unions ²	Non-union ³
OCCUPATION								
Managerial and professional specialty	\$440	\$423	\$420	\$449	\$463	\$455	\$453	\$473
Executive, administrative, and managerial	456	459	465	456	490	488	486	492
Professional specialty	422	409	408	431	454	452	450	457
Technical, sales, and administrative support	282	354	347	267	300	372	362	284
Technicians and related support	357	391	388	352	381	424	408	369
Sales occupations	305	346	341	304	316	355	354	309
Administrative support, including clerical	258	351	338	250	273	365	355	257
Service occupations	205	305	302	181	208	314	308	191
Protective service	350	407	404	269	364	445	441	285
Service, except protective service	188	256	252	172	200	262	257	181
Precision production, craft, and repair.....	379	453	449	325	386	483	481	331
Operators, fabricators, and laborers	276	366	363	227	287	389	384	241
Machine operators, assemblers, and inspectors	261	343	337	222	279	361	359	237
Transportation and material moving occupations	328	421	409	272	350	444	441	287
Handlers, equipment cleaners, helpers, and laborers	244	360	357	204	250	377	368	207
Farming, forestry, and fishing	200	284	281	190	203	309	314	201
INDUSTRY								
Agricultural wage and salary workers	200	(⁴)	(⁴)	198	204	(⁴)	(⁴)	203
Private nonagricultural wage and salary workers	306	400	391	287	321	405	404	302
Mining	485	464	464	499	501	504	503	500
Construction	353	522	508	300	356	549	539	306
Manufacturing	339	369	368	317	353	388	388	327
Durable goods	363	393	390	349	374	402	403	357
Nondurable goods	302	345	338	282	307	357	354	296
Transportation and public utilities	409	448	446	390	441	482	478	402
Transportation	406	482	480	330	408	498	490	354
Communications and public utilities	422	415	413	449	460	463	457	470
Wholesale and retail trade	252	357	353	244	257	363	358	253
Wholesale trade	334	371	368	324	347	404	404	334
Retail trade	222	350	337	209	236	350	339	225
Finance, insurance, and real estate	300	285	286	300	310	313	314	309
Services	270	304	304	263	286	323	322	281
Government	353	389	381	314	374	406	404	338

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 refer to workers who report no union membership or coverage.

⁴ Data not shown where base is less than 50,000.

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.

**ESTABLISHMENT DATA
EMPLOYMENT
ANNUAL AVERAGES**

56. Employees on nonagricultural payrolls by major industry and manufacturing group

(In thousands)

Industry	1981	1982	1983	1984 ^p
Total	91,156	89,566	90,138	94,166
Total private	75,126	73,729	74,288	78,192
Goods-producing	25,497	23,813	23,394	24,903
Mining	1,139	1,128	957	999
Oil and gas extraction	692.1	708.3	599.9	626.6
Construction	4,188	3,905	3,940	4,315
General building contractors	1,094.3	990.5	1,014.7	1,128.3
Manufacturing	20,170	18,781	18,497	19,589
Durable goods	12,109	11,039	10,774	11,635
Lumber and wood products	666.2	597.5	657.5	709.6
Furniture and fixtures	464.3	432.0	446.9	484.1
Stone, clay, and glass products	637.9	576.9	572.6	604.8
Primary metal industries	1,122.4	921.9	838.0	874.3
Blast furnaces and basic steel products	506.1	396.2	343.1	336.9
Fabricated metal products	1,590.0	1,426.9	1,373.8	1,476.0
Machinery, except electrical	2,498.3	2,243.9	2,038.3	2,214.2
Electrical and electronic equipment	2,093.7	2,008.0	2,023.8	2,234.2
Transportation equipment	1,897.9	1,734.7	1,756.3	1,926.6
Motor vehicles and equipment	788.7	699.3	757.8	866.9
Instruments and related products	730.1	715.5	694.9	723.3
Miscellaneous manufacturing	408.3	382.1	371.3	387.3
Nondurable goods	8,061	7,741	7,724	7,954
Food and kindred products	1,671.1	1,635.9	1,622.0	1,643.1
Tobacco manufactures	70.4	68.7	68.5	66.3
Textile mill products	823.0	749.4	743.5	753.1
Apparel and other textile products	1,244.4	1,161.1	1,164.1	1,201.7
Paper and allied products	688.5	662.4	661.6	682.5
Printing and publishing	1,266.3	1,272.1	1,295.8	1,361.5
Chemicals and allied products	1,109.0	1,075.1	1,046.8	1,060.9
Petroleum and coal products	214.0	200.8	195.4	187.7
Rubber and misc. plastics products	736.6	696.9	718.1	796.2
Leather and leather products	237.7	218.9	207.9	201.5
Service-producing	65,659	65,753	66,744	69,264
Transportation and public utilities	5,165	5,082	4,958	5,169
Transportation	2,922	2,789	2,739	2,894
Communication and public utilities	2,243	2,293	2,219	2,275
Wholesale trade	5,358	5,278	5,259	5,527
Durable goods	3,165	3,090	3,064	3,255
Nondurable goods	2,193	2,188	2,195	2,272
Retail trade	15,189	15,179	15,545	16,263
General merchandise stores	2,230.0	2,183.8	2,161.3	2,292.6
Food stores	2,448.4	2,477.6	2,560.3	2,648.9
Automotive dealers and service stations	1,653.0	1,631.7	1,666.7	1,753.7
Eating and drinking places	4,749.5	4,831.2	5,006.7	5,211.9
Finance, insurance, and real estate	5,298	5,341	5,467	5,665
Finance	2,592	2,646	2,740	2,851
Insurance	1,702	1,714	1,721	1,757
Real estate	1,004	981	1,005	1,058
Services	18,619	19,036	19,665	20,666
Business services	3,257.5	3,286.0	3,539.4	4,003.5
Health services	5,562.2	5,811.8	5,973.4	6,068.9
Government	16,031	15,837	15,851	15,973
Federal	2,772	2,739	2,752	2,781
State	3,640	3,640	3,660	3,705
Local	9,619	9,458	9,439	9,488

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1983 benchmark

levels. When more recent benchmark data are introduced, all unadjusted data from April 1983 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
ANNUAL AVERAGES**

57. Production or nonsupervisory workers¹ on private nonagricultural payrolls by major industry and manufacturing group

(In thousands)

Industry	1981	1982	1983	1984 ^p
Total private	60,927	59,487	60,021	63,303
Goods-producing	18,122	16,561	16,284	17,526
Mining	841	821	678	714
Construction	3,261	2,998	3,026	3,356
Manufacturing	14,020	12,742	12,581	13,456
Durable goods	8,294	7,311	7,151	7,846
Lumber and wood products	553.1	488.2	547.9	595.1
Furniture and fixtures	373.8	341.8	355.0	387.2
Stone, clay, and glass products	490.7	435.7	436.4	464.2
Primary metal industries	861.9	683.4	624.6	664.8
Fabricated metal products	1,171.2	1,028.0	996.7	1,088.4
Machinery, except electrical	1,580.5	1,355.8	1,200.5	1,347.7
Electrical and electronic equipment	1,311.0	1,212.6	1,228.8	1,378.6
Transportation equipment	1,219.5	1,078.9	1,103.4	1,233.2
Instruments and related products	430.1	410.6	389.9	404.2
Miscellaneous manufacturing	302.1	276.4	267.6	282.6
Nondurable goods	5,727	5,431	5,430	5,610
Food and kindred products	1,149.5	1,125.6	1,118.3	1,139.9
Tobacco manufactures	54.7	53.4	52.4	50.0
Textile mill products	712.5	642.1	641.1	651.4
Apparel and other textile products	1,059.5	981.2	984.3	1,016.7
Paper and allied products	518.4	493.9	494.7	513.0
Printing and publishing	699.3	699.2	710.2	750.8
Chemicals and allied products	628.3	598.6	580.8	589.3
Petroleum and coal products	133.9	119.9	117.8	110.7
Rubber and misc. plastics products	569.2	533.7	556.3	620.6
Leather and leather products	201.1	182.9	173.6	168.1
Service-producing	42,805	42,926	43,737	45,777
Transportation and public utilities	4,283	4,190	4,073	4,259
Wholesale trade	4,360	4,246	4,220	4,453
Retail trade	13,598	13,612	13,951	14,566
Finance, insurance, and real estate	3,999	3,997	4,066	4,209
Services	16,565	16,880	17,428	18,291

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 1983 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1983 forward are subject to revision.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
ANNUAL AVERAGES**

58. Average hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by major industry and manufacturing group

Industry	Average weekly hours				Average hourly earnings				Average weekly earnings			
	1981	1982	1983	1984 ^P	1981	1982	1983	1984 ^P	1981	1982	1983	1984 ^P
Total private	35.2	34.8	35.0	35.3	\$7.25	\$7.68	\$8.02	\$8.33	\$255.20	\$267.26	\$280.70	\$294.05
Mining	43.7	42.7	42.5	43.3	10.04	10.77	11.27	11.58	438.75	459.88	478.98	501.41
Construction	36.9	36.7	37.2	37.8	10.82	11.63	11.92	12.03	399.26	426.82	443.42	454.73
Manufacturing	39.8	38.9	40.1	40.7	7.99	8.49	8.83	9.17	318.00	330.26	354.08	373.22
<i>Overtime hours</i>	2.8	2.3	3.0	3.4	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Durable goods	40.2	39.3	40.7	41.4	\$8.54	\$9.04	\$9.38	\$9.72	\$343.31	\$355.27	\$381.77	\$402.41
<i>Overtime hours</i>	2.7	2.2	3.0	3.6	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Lumber and wood products	38.7	38.0	40.1	39.9	\$6.99	\$7.43	\$7.79	\$7.98	\$270.51	\$282.34	\$312.38	\$318.40
Furniture and fixtures	38.4	37.2	39.4	39.7	5.91	6.31	6.62	6.86	226.94	234.73	260.83	272.34
Stone, clay, and glass products	40.6	40.1	41.5	42.0	8.27	8.87	9.27	9.56	335.76	355.69	384.71	401.52
Primary metal industries	40.5	38.6	40.5	41.7	10.81	11.33	11.34	11.44	437.81	437.34	459.27	477.05
Blast furnaces and basic steel products	40.4	37.9	39.5	40.7	12.60	13.35	12.89	13.00	509.04	505.97	509.16	529.10
Fabricated metal products	40.3	39.2	40.6	41.4	8.19	8.77	9.11	9.36	330.06	343.78	369.87	387.50
Machinery, except electrical	40.9	39.7	40.5	41.9	8.81	9.26	9.55	9.96	360.33	367.62	386.78	417.32
Electrical and electronic equipment	40.0	39.3	40.5	41.0	7.62	8.21	8.65	8.99	304.80	322.65	350.33	368.59
Transportation equipment	40.9	40.5	42.1	42.7	10.39	11.11	11.66	12.19	424.95	449.96	490.89	520.51
Motor vehicles and equipment	40.9	40.5	43.3	43.7	11.02	11.62	12.12	12.69	450.72	470.61	524.80	554.55
Instruments and related products	40.4	39.8	40.4	41.3	7.40	8.06	8.46	8.81	298.96	320.79	341.78	363.85
Miscellaneous manufacturing	38.8	38.4	39.1	39.4	5.97	6.42	6.80	7.01	231.64	246.53	265.88	276.19
Nondurable goods	39.1	38.4	39.4	39.6	7.18	7.74	8.08	8.37	280.74	297.22	318.35	331.45
<i>Overtime hours</i>	2.8	2.5	3.0	3.1	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Food and kindred products	39.7	39.4	39.5	39.8	\$7.44	\$7.92	\$8.20	\$8.41	\$295.37	\$312.05	\$323.90	\$334.72
Tobacco manufactures	38.8	37.8	37.4	39.0	8.88	9.79	10.35	11.24	344.54	370.06	387.09	438.36
Textile mill products	39.6	37.5	40.5	39.9	5.52	5.83	6.18	6.46	218.59	218.63	250.29	257.75
Apparel and other textile products	35.7	34.7	36.2	36.4	4.97	5.20	5.37	5.53	177.43	180.44	194.39	201.29
Paper and allied products	42.5	41.8	42.6	43.1	8.60	9.32	9.94	10.44	365.50	389.58	423.44	449.96
Printing and publishing	37.3	37.1	37.6	37.9	8.19	8.74	9.11	9.39	305.49	324.25	342.54	355.88
Chemicals and allied products	41.6	40.9	41.6	41.9	9.12	9.96	10.59	11.11	379.39	407.36	440.54	465.51
Petroleum and coal products	43.2	43.9	43.9	43.7	11.38	12.46	13.29	13.45	491.62	546.99	583.43	587.77
Rubber and misc. plastics products	40.3	39.6	41.2	41.7	7.17	7.64	7.99	8.27	288.95	302.54	329.19	344.86
Leather and leather products	36.7	35.6	36.8	36.8	4.99	5.33	5.54	5.70	183.13	189.75	203.87	209.76
Transportation and public utilities	39.4	39.0	39.0	39.5	9.70	10.32	10.80	11.15	382.18	402.48	421.20	440.43
Wholesale trade	38.5	38.3	38.5	38.6	7.56	8.09	8.54	8.94	291.06	309.85	328.79	345.08
Retail trade	30.1	29.9	29.8	30.0	5.25	5.48	5.74	5.88	158.03	163.85	171.05	176.40
Finance, insurance, and real estate	36.3	36.2	36.2	36.5	6.31	6.78	7.29	7.63	229.05	245.44	263.90	278.50
Services	32.6	32.6	32.7	32.7	6.41	6.92	7.30	7.61	208.97	225.59	238.71	248.85

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 1983 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1983 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 a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 60,000 households, representing 629 areas in 1,148 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural 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 200,000 establishments employing over 35 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

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

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

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

Employment

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

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

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

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

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Earnings

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

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

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

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

sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

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

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

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of 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 nonagricultural wage and salary workers are covered by the unemployment insurance programs. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these are included in this BLS establishment statistics.

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. Historical national data are published in *Labor Force Statistics Derived From the Current Population Survey: A Databook*, BLS Bulletin 2096.

These monthly surveys of the population are conducted with 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. Separate statistics are also collected for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions and persons under 14 years of age are not covered in the regular monthly enumerations, and are excluded from the population and labor force statistics shown in this report. Data on the members of the Armed Forces stationed in the United States, who are included as part of the categories "noninstitutional population," "labor force," and "total employment," are obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

CONCEPTS AND DEFINITIONS

The concepts and definitions underlying labor force data have been modified, but not substantially altered, since the inception of the survey in 1940; those used since 1967 are as follows:

Employed persons are (a) all civilians who, during the survey week, did any work at all as paid employees, in their own business, profession, or on their own farm, or

who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family; and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management disputes, or personal reasons, whether they were paid for the time off or were seeking other jobs. Members of the Armed Forces stationed in the United States are also included in the employed total.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

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

Unemployed persons are all civilians who had no employment during the survey week, were available for work, except for temporary illness, and (a) had made specific efforts to find employment sometime during the prior 4 weeks, or (b) were waiting to be recalled to a job from which they had been laid off, or (c) were waiting to report to a new job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployment is also categorized according to the status of individuals at the time they began to look for work. The reasons for unemployment are divided into four major groups. (1) *Job losers* are persons whose employment ended involuntarily who immediately began looking for work, and persons on layoff. (2) *Job leavers* are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) *Reentrants* are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) *New entrants* are persons who never worked at a full-time job lasting 2 weeks or

longer. Each of these four categories of the unemployed may be expressed as an unemployment rate or proportion of the entire civilian labor force; the sum of the four rates thus equals the unemployment rate for all civilian workers.

Jobseekers are all unemployed persons who made specific efforts to find a job sometime during the 4-week period preceding the survey week. Jobseekers do not include those persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some other method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated labor pickup point.

The *civilian labor force* comprises all civilians classified as employed or unemployed in accordance with the criteria described above. The "labor force" also includes members of the Armed Forces stationed in the United States.

The *overall unemployment rate* represents the number unemployed as a percent of the labor force, including members of the Armed Forces stationed in the United States.

The *unemployment rate for all civilian workers* represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, race, Hispanic origin, marital status, etc.

Participation rates represent the proportion of the population that is in the labor force. The *labor force participation rate*, is the ratio of the labor force, including the resident Armed Forces, to the noninstitutional population. The *civilian labor force participation rate* is the ratio of the civilian labor force to the civilian noninstitutional population. Civilian labor force participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the noninstitutional population that is employed. The *total employment-population ratio* is total employment, including the resident Armed Forces, as a percent of the noninstitutional population. The *civilian employment-population ratio* is the percentage of all employed civilians in the civilian noninstitutional population.

Not in the labor force includes all persons who are not classified as employed or unemployed. These persons are further classified as engaged in own home housework, in school, unable to work because of long-

term physical or mental illness, retired, and other. The "other" group includes individuals reported as too old or temporarily unable to work, the voluntarily idle, seasonal workers for whom the survey week fell in an off season and who were not reported as looking for work, and persons who did not look for work because they believed that no jobs were available in the area or that no jobs were available for which they could qualify—discouraged workers. Persons doing only incidental, unpaid family work (less than 15 hours in the specified week) are also classified as not in labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work, desire for a job at the time of interview, and reasons for not looking for work are published on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969 these questions were asked in those households entering the sample for the first time and those returning for the second 4 months of interviewing, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time job lasting 2 weeks or more. The classifications of occupations and industries used in data derived from the CPS are defined as in the 1980 census. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies wage and salary workers, subdivided into private and government workers; self-employed workers; and unpaid family workers. Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by birth or marriage.

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

The distribution of employment by hours worked relates to persons at work during the survey week. At-work data differ from data on total employment because the latter include persons in the zero-hours-worked category, with a job but not at work. Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in 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 other 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. Other reasons include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, 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.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part time (part time for economic reasons), 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. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part time.

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, interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months. Data refer to wage and salary workers (excluding the incorporated self-employed) who usually work full time on their sole or primary job.

Median earnings indicate the value which divides the earnings distribution into two equal parts, one part having values above the median and the other having values below the median. The medians as shown in this publication are calculated by linear interpolation of the \$10 interval within which each median falls.

The Consumer Price Index for All Urban Consumers (CPI-U) is used to deflate the earnings series.

Single, never married; married, spouse present; and other marital status are terms used to define the marital status of individuals at the time of interview. Married, spouse present, applies to husband and wife if both were reported as members of the same household even though one may be temporarily absent on business, vacation, on a visit, in a hospital, etc. Other marital status applies to persons who are married, spouse absent; widowed; or divorced. Married, spouse absent, includes persons who are separated because of marital discord, as well as persons who are living apart because either the husband or the wife was employed and living away from home, serving in the Armed Forces, or had a different place of residence for any reason.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room is regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but relates only to persons in

families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by birth, marriage, or adoption; all such persons are considered as members of one family even though they may include a related subfamily, that is, a married couple or a parent-child group related by birth or marriage to the householder and sharing the living quarters. The count of families used in this publication excludes unrelated subfamilies such as lodgers, guests, or resident employees living in a household but not related to the householder. Families are classified either as married-couple families or as families maintained by women or men without spouses. A family maintained by a woman or a man is one in which the householder is either single, widowed, divorced, or married, spouse absent. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

HISTORICAL COMPARABILITY

Change in lower age limit

The lower age limit for official statistics on the labor force, employment, and unemployment was raised from 14 to 16 years of age in January 1967. Insofar as possible, historical series have been revised to provide consistent information based on the population 16 years and over. For a detailed discussion of this and other definitional changes introduced at that time, including estimates of their effect on the various series, see "New Definitions for Employment and Unemployment," *Employment and Earnings and Monthly Report on the Labor Force*, February 1967.

Noncomparability of labor force levels

In addition to the changes introduced in 1967, there are several other periods of noncomparability in the labor force data: (1) Beginning in 1953, as a result of introducing data from the 1950 census into the estimating procedures, population levels were raised by about 600,000; labor force, total employment, and agricultural employment were increased by about 350,000, primarily affecting the figures for totals and men; other categories were relatively unaffected. (2) Beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force—four-fifths of this increase was in nonagricultural employment; other labor force categories were not appreciably affected. (3) Beginning in 1962, the introduction of data from the 1960 census reduced the population by about 50,000 and labor force and employment by about 200,000; unemployment totals were virtually unchanged. (4)

Beginning in 1972, information from the 1970 census was introduced into the estimation procedures, increasing the population by about 800,000; labor force and employment totals were raised by a little more than 300,000; and unemployment levels and rates were essentially unchanged. (5) A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment, which affected the white and black-and-other groups but had little effect on totals, resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black-and-other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black-and-other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

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

Effective in July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 men and 46,000 women. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the other population.

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

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race

determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in January 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. Differences between the old and new procedures exist 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 "Change in the Estimation Procedure for the Current Population Survey Beginning 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 new procedure is described in the Estimating Methods section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates for labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article cited above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Beginning in January 1983, the first-stage ratio adjustment methodology was updated to account for results obtained from the 1980 census. The new procedure is described in the Estimating Methods section. 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 are only slight differences between the old and new procedures in estimates of level for the various labor force characteristics and virtually no differences in estimates of participation rates.

Changes in the occupational and industrial classification system

Beginning in 1971, the comparability of occupational employment data was affected as a result of changes in the occupational classification system for the 1970 census that were introduced into the CPS. Comparability was further affected in December 1971, when a question relating to major activity or duties was added to the

monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. As a result of these changes, meaningful comparisons of occupational employment levels could not be made between 1971-72 and prior years nor between those 2 years. Unemployment rates were not significantly affected. For a further explanation of the changes in the occupational classification system, see "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Beginning in January 1983, the occupational and industrial classification systems used in the 1980 census were introduced into the CPS. These systems differ from those developed for the 1970 census which were used in the CPS from January 1971 through December 1982.

The 1980 census occupational classification system evolved from the Standard Occupational Classification system (SOC). While the CPS occupational data are now comparable with other data sources, the new system is so radically different in concepts and nomenclature from the 1970 system that comparisons of historical data are not possible without major adjustments. For example, the 1980 major group "sales occupations" is substantially larger than the 1970 category "sales workers." Major additions include "cashiers" from "clerical workers" and some self-employed proprietors in retail trade establishments from "managers and administrators, except farm."

The industrial classification used in the 1980 census is based on the 1972 Standard Industrial Classification system (SIC), as modified in 1977. The adoption of the new system had much less of an adverse effect on historical comparability than did the new occupational system. The most notable changes from the 1970 system were the transfer of farm equipment stores from "retail" to "wholesale" trade, postal service from "public administration" to "transportation", and some interchange between "professional and related services" and "public administration."

Additional information on the 1980 census occupational and industrial classification systems appears in "Revisions in the Current Population Survey Beginning in January 1983" in the February 1983 issue of *Employment and Earnings*.

Changes in the sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, the number of

sample areas and the number of sample persons are increased occasionally. In 1953, the current rotation plan was introduced in which a sample unit is interviewed for 4 months, leaves the sample for 8 months, and then returns to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated into the design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 600,000 new construction housing units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction units that previously had no chance for selection in the CPS sample. In January 1980, another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. Beginning in January 1982, the sample was expanded by 100 households to provide additional coverage in counties added to SMSA's, which were redefined in 1973.

Beginning in April 1984, households selected based on the 1980 census sample design are being introduced into the survey, but they are located in those 1970 design sample areas that will continue into the 1980 sampling frame. Hence, there is no change in the number of sample areas at this time. (See pp. 7-10 of the May 1984 issue for an overview of the introduction of the new sample.)

Table A provides a description of some aspects of the CPS sample design in use during the different data col-

lection periods. A more detailed account of the history of the CPS sample design appears in *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, or *Concepts and Methods Used in Labor Force Statistics Derived From the Current Population Survey*, Report 463 Bureau of Labor Statistics.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondents for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and, within these, for six groups—two race categories (white, and black and other) within three residential categories. For sample areas which are Standard Metropolitan Statistical Areas, (SMSA's), these residence categories are the central cities, the urban, and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed

Table A. Characteristics of the CPS sample, 1947 to date

Time period	Number of sample areas	Households eligible		Households visited but not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500—1,000	3,000—3,500
Feb. 1954 to Apr. 1956	230	21,000	500—1,000	3,000—3,500
May 1956 to Dec. 1959	¹ 330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	² 333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to present	629	57,800	2,500	11,000

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

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

varies from 4 to 5 percent, depending on weather, vacations, etc.

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

a. *First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. Effective with January 1983 data, the procedure corrects for the differences that existed at the time of the 1980 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by race only. Prior to January 1983, the State adjustment was also done by urban-rural status. At both the regional and the State levels, the race-residence categories were changed from white/nonwhite to black/nonblack. The residence categories at the State level of the estimation procedure were dropped because definitional differences between the 1970 census and the 1980 census made it impossible to continue using the same categories.

b. *Second-stage ratio estimate.* In this stage, the sample proportions of persons in specific categories are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio adjustment which is performed to further reduce variability of the estimates and to correct to some extent for CPS undercoverage relative to the decennial census, is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over for the State. The second step is applied to all sample persons and is a weighting to nationwide in-

dependent population estimates within 68 age-sex-race groups. 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 categories will be virtually equal to the independent population control totals. This second-stage adjustment procedure incorporates changes instituted in January 1982. The nature and effect of these changes are discussed in detail in "Revisions in the Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980, census through the latest available July 1 estimate, 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, use Report 640 of that series. A description of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports, Series PHC80-V*, and the Armed Forces overseas, as compiled from Department of Defense reports.

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.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent), as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

Rounding of estimates

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

Reliability of the estimates

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

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

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

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject

to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*. Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the "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 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for men than for women, and larger for black, and other races combined than for whites. Ratio estimation to independent age-sex-race 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 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 and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the same sample design, and an estimate

and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.

2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average of all possible samples.

3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between 2 consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D, F, H, and I to compute approximate standard

errors for levels, labor force participation rates, and percentages as pertaining to the year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50, and for the 1956-66 period, they should be multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to be used for the characteristics as indicated.

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of—	
	Monthly level	Month-to- month change (con- secutive months only)
Total, 16 years and over:		
Civilian labor force	252	193
Employed	270	205
Unemployed	137	138
Men, 20 years and over:		
Civilian labor force	152	131
Employed	167	146
Unemployed	96	96
Women, 20 years and over:		
Civilian labor force	190	143
Employed	190	147
Unemployed	83	86
Both sexes, 16 to 19 years:		
Civilian labor force	83	90
Employed	86	97
Unemployed	58	64
Black, 16 years and over:		
Civilian labor force	87	66
Employed	95	71
Unemployed	66	69
Men, 20 years and over:		
Civilian labor force	50	44
Employed	57	51
Unemployed	45	48
Women, 20 years and over:		
Civilian labor force	67	47
Employed	67	49
Unemployed	43	46
Both sexes, 16 to 19 years:		
Civilian labor force	32	37
Employed	27	31
Unemployed	30	32

Table C. Standard errors for unemployment rates by major characteristics

Characteristic	Standard error of—		Characteristic	Standard error of—	
	Monthly level	Consecutive month change		Monthly level	Consecutive month change
Total (all civilian workers)	0.12	0.12	Occupation—Continued		
Men, 20 years and over	.16	.16	Precision production, craft, and repair	0.38	0.42
Women, 20 years and over	.18	.19	Machine operators, assemblers, and inspectors	.52	.59
Both sexes, 16 to 19 years	.66	.78	Transportation and material moving	.68	.78
White workers	.12	.13	Handlers, equipment cleaners, helpers, and laborers	.80	.93
Black workers	.55	.58	Farming, forestry, and fishing	.88	1.01
Married men, spouse present	.16	.17	Industry		
Married women, spouse present	.22	.23	Nonagricultural private wage and salary workers	.14	.15
Full-time workers	.13	.13	Mining	1.47	1.68
Part-time workers	.34	.42	Construction	.71	.81
Unemployed 15 weeks and over	.07	.09	Manufacturing	.28	.31
Occupation			Durable goods	.35	.39
Executive, administrative, and managerial	.25	.28	Nondurable goods	.44	.50
Professional specialty	.20	.23	Transportation, communications, and public utilities	.43	.48
Technicians and related support	.49	.55	Wholesale and retail trade	.28	.31
Sales	.31	.35	Finance and services	.22	.24
Administrative support, including clerical	.26	.29	Government workers	.25	.28
Private household	1.28	1.45	Agricultural wage and salary workers	1.29	1.50
Protective service	.80	.90			
Service, except private household and protective	.41	.46			

previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 159,000. The 68-percent confidence interval as shown by these data is from 11,841,000 to 12,159,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E, the standard error on a month-to-month change of 400,000, when the monthly level is approximately 12,000,000, is about 118,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates. Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors

in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. Assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. The standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percent). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 3.6 percent is then approximately $0.09 \times 1.26 = 0.1$ percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages. The approximate standard errors of levels, rates, and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate

of an average level, rate, or percentage, find the standard error of this estimate. For an estimate of change in level, rate, or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. Suppose that one is interested in the year-to-year change of a monthly unemployment rate. Assume that for a certain month the unemployment rate is 6.9 percent, based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent, based on a total of 94,254,000 in the civilian labor force for the month. First the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.12 percentage point). The appropriate factor, then, from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by $0.12 \times 1.40 = 0.17$ percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

Standard error of year-to-year change =

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

Where x is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

Illustration. Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later, their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000, year-to-year change is:

$$\sqrt{(216,000)^2 + (221,000)^2 - 2(.30)(216,000)(221,000)},$$

or about 259,000.

Table D. Standard errors for estimates of monthly level

(In thousands)

Estimated monthly level	Characteristic ¹								
	Agricultural employment	Labor force data other than unemployment and agricultural employment data						Unemployment	
		Total or white	Black	Total or white, 16 to 19 years	Black, 16 to 19 years	Total or white men only, or women only	Black men only, or women only	Total or white	Black
50	14	11	11	11	11	10	10	10	11
100	19	15	15	15	15	14	14	15	16
500	43	34	34	33	29	32	31	33	35
1,000	61	48	47	46	33	45	42	47	49
2,000	85	68	64	63	-	63	55	66	67
4,000	120	95	84	80	-	87	66	93	88
6,000	146	116	94	86	-	105	58	113	99
8,000	-	133	97	83	-	120	23	129	-
10,000	-	147	94	70	-	132	-	143	-
15,000	-	177	50	-	-	155	-	172	-
20,000	-	201	-	-	-	170	-	195	-
30,000	-	236	-	-	-	188	-	-	-
40,000	-	261	-	-	-	189	-	-	-
50,000	-	278	-	-	-	175	-	-	-
60,000	-	288	-	-	-	141	-	-	-
70,000	-	293	-	-	-	61	-	-	-
80,000	-	293	-	-	-	-	-	-	-
100,000	-	273	-	-	-	-	-	-	-
120,000	-	231	-	-	-	-	-	-	-

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

on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(In thousands)

Estimated monthly level	Characteristic ¹							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black	Total or white, 16 to 19 years	Black, 16 to 19 years	Total or white	Both sexes 16 to 19 years, or part-time labor force ²	Black	Black, 16 to 19 years
50	8	8	13	13	12	13	12	12
100	11	11	18	18	16	18	17	18
500	25	25	39	34	37	40	38	35
1,000	36	35	54	36	51	54	52	37
2,000	50	47	72	-	72	70	69	-
4,000	70	62	88	-	99	78	85	-
6,000	86	70	88	-	118	60	87	-
8,000	98	73	71	-	132	-	-	-
10,000	109	71	-	-	143	-	-	-
15,000	131	42	-	-	160	-	-	-
20,000	148	-	-	-	165	-	-	-
30,000	174	-	-	-	-	-	-	-
40,000	191	-	-	-	-	-	-	-
50,000	203	-	-	-	-	-	-	-
60,000	210	-	-	-	-	-	-	-
70,000	212	-	-	-	-	-	-	-
80,000	211	-	-	-	-	-	-	-
100,000	193	-	-	-	-	-	-	-
120,000	153	-	-	-	-	-	-	-

¹ See footnote 1, table D.

² Part-time labor force for unemployment also includes persons

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

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (In thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.09	2.94	4.57	6.28	7.46	8.34	9.01	9.05	9.87	10.21
100	1.48	2.08	3.23	4.44	5.28	5.90	6.37	6.73	6.98	7.22
500 .....	.66	.93	1.45	1.99	2.36	2.64	2.85	3.01	3.12	3.27
1,000 .....	.47	.66	1.02	1.40	1.67	1.87	2.01	2.13	2.21	2.28
2,000 .....	.33	.46	.72	.99	1.18	1.32	1.42	1.50	1.56	1.61
4,000 .....	.23	.33	.51	.70	.83	.93	1.01	1.06	1.10	1.14
6,000 .....	.19	.27	.42	.57	.68	.76	.82	.87	.90	.93
10,000 .....	.15	.21	.32	.44	.53	.59	.64	.67	.70	.72
20,000 .....	.10	.15	.23	.31	.37	.42	.45	.47	.49	.51
60,000 .....	.06	.08	.13	.18	.21	.24	.26	.27	.27	.29
100,000 .....	.05	.07	.10	.14	.17	.19	.20	.21	.22	.22

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (In thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.14	7.18	8.69	9.90	10.93	11.81	12.58	14.48
100	1.64	2.32	3.64	5.08	6.14	7.00	7.12	8.35	8.89	10.17
500 .....	.73	1.04	1.63	2.27	2.74	3.13	3.45	3.73	3.97	4.53
1,000 .....	.52	.73	1.15	1.60	1.94	2.21	2.44	2.63	2.80	3.19
2,000 .....	.37	.52	.81	1.13	1.37	1.56	1.72	1.85	1.97	2.24
4,000 .....	.26	.37	.57	.80	.96	1.10	1.20	1.30	1.38	1.56
6,000 .....	.21	.30	.47	.65	.78	.89	.98	1.05	1.11	-
10,000 .....	.16	.23	.36	.50	.60	.68	.75	.80	-	-
20,000 .....	.12	.16	.25	.35	.42	.47	.51	.54	-	-
60,000 .....	.07	.09	.14	.19	.22	.23	.24	-	-	-
100,000 .....	.05	.07	.11	.14	.15	.15	-	-	-	-

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (In thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.14	3.01	4.69	6.46	7.68	8.61	9.32	9.86	10.27	10.76
100	1.51	2.13	3.32	4.57	5.43	6.09	6.59	6.97	7.26	7.61
500 .....	.68	.95	1.48	2.04	2.43	2.72	2.95	3.12	3.25	3.40
1,000 .....	.48	.67	1.05	1.44	1.72	1.92	2.08	2.21	2.30	2.41
2,000 .....	.34	.48	.74	1.02	1.22	1.36	1.47	1.56	1.62	1.70
4,000 .....	.24	.34	.52	.72	.86	.96	1.04	1.10	1.15	1.20
6,000 .....	.20	.28	.43	.59	.70	.79	.85	.90	.94	.98
10,000 .....	.15	.21	.33	.46	.54	.61	.66	.70	.73	.76
20,000 .....	.11	.15	.23	.32	.38	.43	.47	.49	.51	.54
40,000 .....	.08	.11	.17	.23	.27	.30	.33	.35	.36	.38
60,000 .....	.06	.09	.14	.19	.22	.25	.27	.28	.30	.31
80,000 .....	.05	.08	.12	.16	.19	.22	.23	.25	.26	.27
100,000 .....	.05	.07	.10	.14	.17	.19	.21	.22	.23	.24
160,000 .....	.04	.05	.08	.11	.13	.15	.16	.17	.18	.19

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force.	1.01	1.21
Part-time labor force	1.26	1.50	All other unemployment characteristics:		
Labor force data other than agricultural employment and unemployment data:			Total or white:		
Total	1.00	.74	Total .....	.97	1.08
Men only .....	.93	.84	Both sexes, 16 to 19 years .....	.97	1.21
Women only .....	.86	.75	Black:		
Both sexes, 16 to 19 years	1.00	1.18	Total	1.04	1.13
Part-time labor force	1.00	1.18	Both sexes, 16 to 19 years	1.04	1.24

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages and change in yearly averages,

Characteristic	Factor				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or men	1.30	0.89	0.80	0.72	0.70
Women or teenagers (16 to 19 years)	1.30	.83	.80	.58	.70
Part time	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment and unemployment data:					
Total or white	1.30	.88	.88	.67	.70
Black or teenagers (16 to 19 years)	1.30	.82	.88	.57	.70
Part time	1.40	.74	.88	.46	.60
Unemployment:					
Total	1.40	.76	.88	.50	.65
Part time	1.40	.69	.88	.39	.54

Table K. Standard errors for estimates of quarterly level, to be used with CPS earnings data

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Men			Women		
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	-	127	-
10,000	149	165	102	144	157	155	-	145	-
15,000	180	198	-	187	183	179	-	173	-
20,000	205	224	-	192	199	193	-	195	-
25,000	226	244	-	207	209	199	-	211	-
30,000	224	261	-	219	212	198	-	224	-
40,000	273	286	-	236	201	174	-	242	-
50,000	296	301	-	-	-	-	-	-	-
75,000	331	304	-	-	-	-	-	-	-
100,000	343	255	-	-	-	-	-	-	-

Establishment Data (Tables B-1 through C-8)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location. Historical statistics are published in *Employment, Hours, and Earnings, United States, 1909-84*, and *Employment Hours and Earnings, States and Areas, 1939-82* and their annual supplements.

Federal-State cooperation

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

Shuttle schedules

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

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month.

CONCEPTS

Industrial classification

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

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

Industry employment

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

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

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

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, inspection, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's

own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operation.

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

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

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

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

Overtime hours covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes 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 hourly and weekly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

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

Average weekly earnings 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 proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

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

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.

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.

Table L. Summary of methods for computing industry statistics on employment, hours, and earnings

Employment, hours, and earnings	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry level (division and, where stratified, industry)
Monthly data		
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months. ¹	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employees 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.

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; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on average hours.

Railroads 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 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.

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).

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. Prior to January 1956, these data were based on the application of adjustment factors to average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. 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.

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 1977. For basic industries, the hour aggregates are the product of average weekly hours and production worker or nonsupervisory worker employment. At all higher levels of industry aggregation, hour aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 185 seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the "link relative" technique which is a form of ratio estimation; (2) periodic adjustment of employment levels to new benchmarks; and (3) the use of size and regional stratification.

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past benchmark comparisons. Beginning with data for April 1983, these factors are modified by changes in the sample link relatives for the most recent quarter. Other features of the general procedures are described in table L.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark adjustments

Employment estimates are compared periodically with benchmarks (comprehensive counts of employment) for the various nonagricultural industries and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1983 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1983 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

THE SAMPLE

Design

The sampling plan used in the Current Employment Statistics program is known as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost

considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large 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 only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS Current Employment Statistics program, with its emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1983

Industry	Benchmark	Estimate	Percent difference
Total	88,208,000	88,172,000	(¹)
Mining	945,000	996,000	-5.4
Construction	3,469,000	3,453,000	.5
Manufacturing	17,956,000	18,166,000	-1.2
Transportation and public utilities	4,923,000	4,913,000	.2
Wholesale trade	5,156,000	5,145,000	.2
Retail trade	14,971,000	14,810,000	1.1
Finance, insurance, and real estate	5,361,000	5,359,000	(¹)
Services	19,262,000	19,279,000	-.1
Government	16,165,000	16,051,000	.7

¹ Less than 0.05 percent.

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1983¹

Industry	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	195,100	35,141,000	40
Mining	2,600	324,000	34
Construction	19,100	667,000	19
Manufacturing	49,200	9,951,000	55
Transportation and public utilities:			
Railroad transportation (ICC)	30	341,000	93
Other transportation and public utilities:	8,700	2,353,000	52
Wholesale trade	16,800	820,000	16
Retail trade	30,800	2,660,000	18
Finance, insurance, and real estate	13,400	2,040,000	38
Services	33,100	4,291,000	22
Government:			
Federal ²	4,800	2,731,000	100
State	3,700	3,051,000	81
Local	12,900	5,912,000	61

¹ Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

² National estimates of Federal employment by agency 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 4,800 reports covering about 64 percent of employment in Federal establishments.

the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the five most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table O and for individual industries with the specified number of employees in table P. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a

smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$RMSE = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table P.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data

Table O. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry

(In percent)

Industry	Average benchmark revision in estimates of employment ¹	Relative errors ²	
		Average weekly hours	Average hourly earnings
Total	0.2	-	-
Total private .....	.2	0.1	0.2
Mining	2.1	1.0	1.3
Construction	1.7	.2	.5
Manufacturing .....	.5	.1	.2
Durable goods .....	.5	.1	.3
Nondurable goods .....	.4	.1	.2
Transportation and public utilities .....	.4	.7	.6
Wholesale trade .....	.3	.2	.4
Retail trade	1.2	.2	.4
Finance, insurance, and real estate .....	.2	.2	.4
Services .....	.4	.4	.6
Government ³ .....	.7	-	-

¹ The average percent revision in employment for the 1979-83 benchmarks.

² Relative errors relate to 1982 data.

³ Estimates for government are based on a total count for Federal Government provided by the Office of Personnel Management and a sample of State and local government reports.

Table P. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates ¹	Relative errors 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.

are collected and prepared by State agencies in cooperation with BLS. 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

Table Q. Errors of preliminary employment estimates

Industry	Root-mean-square error of—	
	Monthly level	Month-to-month change
Total nonagricultural employment	114,600	105,000
Goods-producing	39,600	34,300
Mining	5,500	5,100
Construction	22,000	18,200
Manufacturing	29,000	28,500
Durable two-digit industries	5,400	5,200
Nondurable two-digit industries	3,900	3,900
Service-producing	93,600	91,500
Transportation and public utilities	13,400	14,000
Wholesale trade	9,000	8,300
Retail trade	42,600	30,100
Finance, insurance, and real estate	9,300	8,200
Services	34,500	28,000
Government	71,300	62,800

NOTE: Data at the division level are based on differences from January 1978 through December 1983. Two-digit industry data are based on differences from January 1982 through December 1983

differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented in a summary volume published annually by the BLS.

Productivity Data (Tables C-9 through C-11)

COLLECTION

Productivity data are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

CONCEPTS

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

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 measure changes in the volume of goods and services produced per paid hour of labor input.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also in-

clude 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 to eliminate the effect of changes in 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, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product 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 adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the

constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

NOTES ON THE DATA

For the business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business.

Manufacturing output data are supplied by the

Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics. Historical statistics for most productivity measures appear in *Trends in Multifactor Productivity, 1948-81*, BLS Bulletin 2178. Additional information may be obtained from the Office of Productivity and Technology (202 523-9261).

State and Area Labor Force Data (D table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis of determining eligibility of an area for benefits under Federal programs such as the Job Training Partnership Act and the Public Works and Economic Development Act.

Annual average data for the States and areas shown in table D are published in *Employment and Earnings* (usually the May issue). For regions, States, selected metropolitan areas, and central cities, annual average data classified by selected demographic, social, and economic characteristics are published in the BLS bulletin, *Geographic Profile of Employment and Unemployment*.

Labor force and unemployment 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, D.C. 20402. The report "Employment and Unemployment in States and Local Areas" is published monthly through GPO and is available on microfiche only on a subscription basis.

ESTIMATING METHODS

The civilian labor force and unemployment estimates in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles—Long Beach metropolitan area and New York City, are sufficiently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly labor force and unemployment estimates in the remaining 40 States, District of Columbia, and 253 labor market areas are prepared in several stages. The civilian labor force is the sum of the employment and unemployment levels, which are estimated in accordance with the BLS *Manual for Developing Local Area Unemployment Statistics*.

1. *Preliminary estimate—employment:* The total civilian employment estimate is based on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate 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 the several categories of employment on the basis of employment relationships which existed at the time of the 1970 decennial census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates, to which are added estimates for employment not covered by UI.

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industries covered by State unemployment insurance (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. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current employment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause,

etc., but would otherwise have been eligible), and person who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of the experienced unemployed; (c) the level of the experienced labor force; and (d) the proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as:

$$U = A(X + E) + BX, \text{ where}$$

U = total entrant unemployment
E = total civilian employment
X = total experienced unemployment
A, B = synthetic factors incorporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level of the UI-based estimates obtained above for each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6-month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) within the State). The total of the geographic areas in the LMA's exhausts the geographic boundaries of the State. A proportional adjustment is applied to all sub-state LMA estimates to ensure that the sub-state estimates of employment and unemployment add to the independent State totals. In California and New York, which also have sub-state areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by the State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States and the District of Columbia for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in the State UI laws, the structural limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages. Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the disturbance to the original series. Finally, the third stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal CPS annual averages.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting the statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating

changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment-based data are published regularly in *Employment and Earnings*.

The seasonal adjustment program used for these series is an adaptation of the standard ratio-to-moving

average method. It provides for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing 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, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjusted labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which places more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal adjustment factors are calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, BLS calculates and publishes in *Employment and Earnings* a set of 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 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 the sum of eight seasonally adjusted civilian employment components, plus the resident Armed Forces total (not adjusted for seasonality), and four seasonally adjusted unemployment components; the total for unemployment is the sum of the four unemployment components; and the overall unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the labor force. Because of the independent seasonal adjustment of various series, components will not necessarily add to totals.

Revised seasonally adjusted data for selected labor force series based on the experience through December

1984, new seasonal adjustment factors to be used to calculate the civilian unemployment rate for the first 6 months of 1985, and a description of the current seasonal adjustment methodology are published in the January 1985 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1980-84 revision period for a broader range of labor force series are published in the February 1985 issue of this publication.

Beginning in July 1980, the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method*. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current year's estimates are based on actual data through March 1984 and projected data through March 1985. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series since June 1981.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours.

Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, wholesale trade, retail trade, manufacturing, and durable and nondurable goods industries, 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 1977 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 are used in the aggregation to broader level seasonally adjusted series.

Beginning in June 1983, seasonal adjustment factors for Federal Government employment are derived from unadjusted data which include Christmas temporary workers employed by the Postal Service. In earlier years the number of these workers was substantial, and at

times varied greatly from year to year, based on administrative decisions of the Postal Service. Hence, it was considered desirable to exclude this group from the unadjusted data upon which the seasonal adjustment factors were based. In the past several years, the number of these workers has decreased to the point where their presence has no impact on seasonal adjustment. Temporary census takers for the 1980 decennial census are

removed prior to the calculation of seasonal adjustment factors for Federal Government employment.

The revised seasonally adjusted series for the establishment data reflect experience through March 1984. Seasonal adjustment factors to be used for current adjustment appear in the June 1984 issue of *Employment and Earnings*.