



EMPLOYMENT AND EARNINGS

January 1986

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Bureau of Labor Statistics

In this issue:
1985 annual averages
Revised seasonally adjusted labor force series
Data on union affiliation





U.S. DEPARTMENT OF LABOR
William E. Brock, Secretary

BUREAU OF LABOR STATISTICS
Janet L. Norwood, Commissioner

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Communications on material in this publication should be addressed to: Editors, *Employment and Earnings*, Bureau of Labor Statistics, Washington, D.C. 20212, or phone: Gloria P. Green (202) 523-1821. Send correspondence on circulation and subscription matters (including address changes) to the Superintendent of Documents.

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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.

Establishment data

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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 1985.

² Month of publication varies. The latest supplement was published in June 1985.

Employment and Earnings

Vol. 33 No. 1 January 1986

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 data covering the 1981-85 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 1986.

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Employment and Unemployment Developments, December 1985

Employment rose in December and unemployment was little changed. The overall unemployment rate was 6.8 percent, and the rate for civilian workers was 6.9 percent. While little different from November, both rates were below those which had prevailed throughout most of 1985.

The number of nonagricultural wage and salary jobs—as measured by the monthly survey of establishments—rose by 320,000 in December to 99.1 million. Civilian employment—as measured by the monthly survey of households—edged up by 240,000 to 108.2 million. Although both surveys showed substantial job growth in 1985, gains were less than were recorded in the prior 2 years.

Unemployment

The December unemployment level (8.0 million) and the civilian worker unemployment rate (6.9 percent) were little different from their November levels, after seasonal adjustment. Both figures, however, were below those prevailing throughout most of 1985. Jobless rates for most worker groups were about unchanged in December, including those for adult men (5.9 percent), adult women (6.2 percent), teenagers (18.8 percent), whites (5.9 percent), blacks (14.9 percent), and Hispanics (10.4 percent). During the course of 1985, jobless rates for adult men, adult women, and whites declined, whereas rates for teenagers, blacks, and Hispanics have shown no improvement. (See tables A-33 and A-34.)

Both measures of average duration of unemployment have changed little in recent months. Median duration remained at 6.9 weeks in December, while mean duration was 15.4 weeks. These measures have declined from late 1984 levels. The number of job losers was about unchanged over the month but was somewhat below year-earlier levels. (See tables A-40 and A-41.)

Civilian employment and the labor force

Civilian employment edged up to a level of 108.2 million in December. Over the year, the number of jobholders rose by 2 million, with adult women accounting for 70 percent of the gain. The proportion of the civilian population with jobs—the employment-population ratio—reached a record high of 60.4 percent in December. Among occupational groups, the largest

gains during the year occurred in managerial and professional, administrative support, and service jobs.

The civilian labor force, at 116.2 million in December, was little changed over the month. Over the year, the labor force rose by 1.8 million, with adult women accounting for an even larger share of the labor force growth (80 percent) than of employment.

Discouraged workers

At 1.2 million in the fourth quarter, the number of discouraged workers—persons who report that they want a job but are not looking for one because they believe their search would be futile—was about the same as the levels in the first 3 quarters of the year. Despite an over-the-year decline in the number of blacks reporting discouragement over job prospects, they continued to represent a disproportionate share of discouraged workers—about 1 in 3, or three times their share of the labor force. (See table A-53.)

Industry payroll employment

The number of employees on nonagricultural payrolls increased by 320,000 in December to 99.1 million, after seasonal adjustment. Job gains were widespread, as the BLS diffusion index registered 65 percent. The payroll total was 3.0 million above the year-earlier level. (See tables B-4 and B-7.)

Continuing the pattern of recent growth, the bulk of the December employment expansion occurred in the service-producing sector, which increased by 260,000. The over-the-month expansion was once again paced by services, which rose by 115,000, with most of this gain taking place in business and health services. Elsewhere in the sector, there were modest increases in wholesale trade and finance, insurance and real estate. In retail trade, seasonal hirings in general merchandise stores were below the expected holiday levels, but there was growth in eating and drinking places, so that the overall job count in the industry was about unchanged in December, after seasonal adjustment.

In the goods-producing sector, employment increased by 60,000. In contrast to nearly continuous job losses between January and September, manufacturing employment edged up for the third month in a row. The December gain of 45,000 reflected small but widespread increases throughout both the durable and nondurable

goods industries. Manufacturing job growth since September totaled 140,000. Construction employment was little changed for the second straight month, following several months of substantial growth. The number of construction jobs was up 290,000 over the year. Mining employment was about unchanged in December.

Weekly hours

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls edged up in December to 35.1 hours, after seasonal adjustment. Weekly hours in manufacturing rose 0.3 hour to 41.0 hours, a very high level, and factory overtime rose 0.2 hour to 3.6 hours. (See table C-5.)

The index of aggregate weekly hours of production or nonsupervisory workers on nonagricultural payrolls rose 0.7 percent to 118.3 (1977 = 100), after seasonal adjustment. Reflecting advances in both weekly hours and the level of employment, the manufacturing index increased by 1.3 percent to 95.2. Since September, the manufacturing index has increased 2 percent. (See table C-6.)

Hourly and weekly earnings

Average hourly earnings rose 0.9 percent in December, and weekly earnings were up 1.2 percent, seasonally adjusted. Prior to seasonal adjustment, average hourly earnings increased 5 cents to \$8.73, while weekly earnings were up \$6.11 to \$309.04. Over the past year, hourly earnings have risen 27 cents and weekly earnings \$8.71. (See tables C-1 and C-7.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 168.4 (1977 = 100) in December, seasonally adjusted, an increase of 0.8 percent from November. For the 12 months ended in December, the increase was 3.1 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in manufacturing overtime and interindustry employment shifts. In dollars of constant purchasing power, the HEI decreased 0.5 percent during the 12-month period ended in November. (See table C-7.)

Improved Population Estimates for the Household Survey

Effective with data for January 1986, two technical changes will be introduced in the population estimates used as controls for the household survey. One will reflect an explicit estimate of the number of undocumented immigrants, largely Hispanic, since 1980. This change will be offset somewhat by an improved estimate of emigration from the United States for the same time period. The net effect of these adjustments will be to increase the working age population by roughly 300,000. For the population as a whole, this should have little effect on the data. Because the adjustment for the Hispanic-origin population will be much larger, BLS will revise the data to the extent possible back to 1980.

Scheduled Release Dates

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

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

Revision of Seasonally Adjusted Labor Force Series

*Robert J. McIntire

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. The fifth and final revisions in the earliest of the 5 years are usually quite small, while the first-time revisions in the most recent year are generally much more substantial, although even these rarely alter the essential trends observed in the initial major estimates. (The national unemployment rate to one decimal place was revised in only 1 month of 1985 by the current revision.) An important consideration in the

* Robert J. McIntire is an economist and Chief of the Data Services Group in the Division of Data Development and Users' Services, Office of Employment and Unemployment Statistics, Bureau of Labor Statistics.

selection of the methodology for seasonal adjustment has been keeping these revisions as small as possible, because current analysis and policymaking must utilize the initial estimates.

This year's revisions incorporate data through December 1985 and provide revised estimates for January 1981 through December 1985. Several months of revised data for many of the major seasonally adjusted labor force series have already been published in the news release on the December 1985 employment situation, issued January 8 (USDL 86-001). This issue of *Employment and Earnings* contains revised data for the last 13 months and quarters for most seasonally adjusted labor force series (including those that appeared in the release). Next month's issue will provide the complete 1981-85 revisions for a few hundred of the seasonally adjusted monthly labor force series most in demand. These revisions replace the data published in the February 1985 issue for 1981-84 and the seasonally adjusted estimates for 1985 published during the past year. Seasonally adjusted data for 1980 and earlier years were not revised. Table 1 of this article contains the new projected seasonal factors that are to be applied during the first 6 months of 1986 to the 12 component series used in the computation of the seasonally adjusted civilian labor force and unemployment rate (see the section on aggregation procedures later in this article). Projected factors for the last 6 months of 1986 will be estimated in early July, based on data through June 1986, and will be published in the July issue of this publication.

Adjustment methods and procedures

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

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

Table 1. Current seasonal adjustment factors for the 12 major civilian labor force components, January-June 1986

Procedure and series	January	February	March	April	May	June
Multiplicative Adjustment (Divide factor into original value)						
Agricultural employment:						
Men, 20 years and over	.902	.897	.903	.979	1.044	1.092
Women, 20 years and over	.803	.832	.885	.961	1.077	1.202
Men, 16 to 19 years	.584	.609	.706	.925	1.177	1.545
Women, 16 to 19 years	.474	.518	.660	.780	.931	1.692
Nonagricultural employment:						
Men, 20 years and over	.985	.985	.991	.994	1.000	1.006
Women, 20 years and over	.996	1.000	1.005	1.003	1.000	.991
Unemployment:						
Men, 20 years and over	1.166	1.148	1.097	1.035	.947	.960
Women, 20 years and over	1.046	1.008	.986	.945	.967	.999
Additive Adjustment (Subtract factor from original value)						
Nonagricultural employment:						
Men, 16 to 19 years	-293	-365	-265	-189	-70	488
Women, 16 to 19 years	-216	-252	-221	-204	-186	298
Unemployment:						
Men, 16 to 19 years	7	4	-18	-104	-88	229
Women, 16 to 19 years	-82	-78	-59	-81	1	258

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.² They can generally be described with the notation:

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

Where:

- (1) p is the number of regular (nonseasonal) autoregressive parameters
- (2) d is the number of regular differences
- (3) q is the number of regular moving average parameters
- (4) P is the number of seasonal autoregressive parameters

² 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, 1970); and Granger, C.W.J. and Newbold, P., *Forecasting Economic Time Series* (New York, Academic Press, 1977).

- (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 1985, including all 12 major civilian labor force components, whose ARIMA models are shown in table 2. The models for three of those major components—agricultural employment for men 20 years and over and for women 16 to 19 and unemployment for women 20 years and over—are different from those used last year. The 40 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

Table 2. ARIMA models for the 12 major civilian labor force components, 1986

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

as those followed last year. In keeping with the minor change introduced 2 years ago, a 10-year time period, including data from January 1975 through December 1985, 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 were adjusted 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.

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 1986 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.

**HOUSEHOLD DATA
HISTORICAL**

A-3. Employment status of the civilian noninstitutional population 16 years and over, 1952 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								
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
1960 ¹	117,245	69,628	59.4	65,778	3,852	5.5	5.4	5.9
1961	118,771	70,459	59.3	65,746	4,714	6.7	6.4	7.2
1962 ¹	120,153	70,614	58.8	66,702	3,911	5.5	5.2	6.2
1963	122,416	71,833	58.7	67,762	4,070	5.7	5.2	6.5
1964	124,485	73,091	58.7	69,305	3,786	5.2	4.6	6.2
1965	126,513	74,455	58.9	71,088	3,366	4.5	4.0	5.5
1966	128,058	75,770	59.2	72,895	2,875	3.8	3.2	4.8
1967	129,874	77,347	59.6	74,372	2,975	3.8	3.1	5.2
1968	132,028	78,737	59.6	75,920	2,817	3.6	2.9	4.8
1969	134,335	80,734	60.1	77,902	2,832	3.5	2.8	4.7
1970	137,085	82,771	60.4	78,678	4,093	4.9	4.4	5.9
1971	140,216	84,382	60.2	79,367	5,016	5.9	5.3	6.9
1972 ¹	144,126	87,034	60.4	82,153	4,882	5.6	5.0	6.6
1973 ¹	147,096	89,429	60.8	85,064	4,365	4.9	4.2	6.0
1974	150,120	91,949	61.3	86,794	5,156	5.6	4.9	6.7
1975	153,153	93,775	61.2	85,846	7,929	8.5	7.9	9.3
1976	156,150	96,158	61.6	88,752	7,406	7.7	7.1	8.6
1977	159,033	99,009	62.3	92,017	6,991	7.1	6.3	8.2
1978 ¹	161,910	102,251	63.2	96,048	6,202	6.1	5.3	7.2
1979	164,863	104,962	63.7	98,824	6,137	5.8	5.1	6.8
1980	167,745	106,940	63.8	99,303	7,637	7.1	6.9	7.4
1981	170,130	108,670	63.9	100,397	8,273	7.6	7.4	7.9
1982	172,271	110,204	64.0	99,526	10,678	9.7	9.9	9.4
1983	174,215	111,550	64.0	100,834	10,717	9.6	9.9	9.2
1984	176,383	113,544	64.4	105,005	8,539	7.5	7.4	7.6
1985	178,206	115,461	64.8	107,150	8,312	7.2	7.0	7.4
Monthly data, seasonally adjusted²								
1984:								
December	177,306	114,504	64.6	106,248	8,256	7.2	7.1	7.3
1985:								
January	177,384	114,754	64.7	106,315	8,439	7.4	7.1	7.6
February	177,516	114,982	64.8	106,587	8,395	7.3	7.1	7.5
March	177,667	115,335	64.9	106,951	8,384	7.3	7.0	7.6
April	177,799	115,256	64.8	106,872	8,384	7.3	7.1	7.5
May	177,944	115,339	64.8	106,939	8,400	7.3	7.0	7.6
June	178,096	115,024	64.6	106,601	8,423	7.3	7.2	7.5
July	178,263	115,272	64.7	106,871	8,401	7.3	7.2	7.4
August	178,405	115,343	64.7	107,210	8,133	7.1	6.9	7.3
September	178,572	115,790	64.8	107,519	8,271	7.1	6.9	7.5
October	178,770	116,114	65.0	107,813	8,301	7.1	7.1	7.3
November	178,940	116,130	64.9	107,969	8,161	7.0	6.9	7.2
December	179,112	116,229	64.9	108,206	8,023	6.9	6.7	7.1

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 1985. See the article in this issue for additional information.

**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 1985								Not in labor force	
	Civilian noninstitutional population	Civilian labor force						Percent of labor force		
		Total	Percent of population	Employed			Unemployed			
				Total	Agriculture	Nonagricultural industries	Number			Percent of labor force
TOTAL										
16 years and over	24,785	15,690	63.3	13,677	180	13,498	2,013	12.8	9,095	
16 to 19 years	2,610	972	37.2	600	9	591	372	38.2	1,638	
16 to 17 years	1,328	318	23.9	182	3	179	136	42.8	1,010	
18 to 19 years	1,282	654	51.0	418	6	413	236	36.0	628	
20 to 24 years	3,206	2,250	70.2	1,800	27	1,772	451	20.0	956	
25 to 54 years	13,760	10,830	78.7	9,722	109	9,614	1,108	10.2	2,929	
25 to 34 years	6,292	4,982	79.2	4,326	46	4,280	657	13.2	1,309	
25 to 29 years	3,337	2,603	78.0	2,235	25	2,211	367	14.1	734	
30 to 34 years	2,955	1,246	42.2	2,090	22	2,069	290	23.3	575	
35 to 44 years	4,406	3,601	81.7	3,314	36	3,278	287	8.0	805	
35 to 39 years	2,454	2,021	82.4	1,854	24	1,831	167	8.3	433	
40 to 44 years	1,951	1,580	81.0	1,460	12	1,447	121	7.7	371	
45 to 54 years	3,062	2,247	73.4	2,083	27	2,056	164	7.3	815	
45 to 49 years	1,614	1,232	76.3	1,141	16	1,124	91	7.4	382	
50 to 54 years	1,448	1,015	70.1	943	11	932	73	7.2	433	
55 to 64 years	2,543	1,344	52.9	1,273	23	1,250	71	5.3	1,199	
55 to 59 years	1,365	862	63.2	809	16	793	53	6.2	502	
60 to 64 years	1,178	482	40.9	464	7	457	18	3.7	697	
65 years and over	2,667	294	11.0	282	12	270	11	3.9	2,373	
65 to 69 years	979	178	18.2	172	6	166	7	3.9	801	
70 years and over	1,688	115	6.8	111	7	104	8	7.0	1,572	
Men										
16 years and over	11,218	7,989	71.2	6,907	153	6,753	1,082	13.5	3,229	
16 to 19 years	1,285	511	39.8	308	6	302	203	39.7	773	
16 to 17 years	666	161	24.2	92	-	91	69	43.1	505	
18 to 19 years	619	350	56.6	217	6	211	134	38.1	269	
20 to 24 years	1,476	1,169	79.2	941	25	916	228	19.5	307	
25 to 54 years	6,227	5,444	87.4	4,842	91	4,752	602	11.1	782	
25 to 34 years	2,873	2,517	87.6	2,166	37	2,129	351	14.0	356	
25 to 29 years	1,545	1,346	87.1	1,156	19	1,137	190	14.1	199	
30 to 34 years	1,328	1,172	88.2	1,010	18	992	162	13.8	157	
35 to 44 years	1,985	1,779	89.6	1,627	30	1,597	152	8.5	207	
35 to 39 years	1,087	990	91.1	894	20	874	96	9.7	97	
40 to 44 years	898	789	87.8	733	10	723	56	7.1	109	
45 to 54 years	1,369	1,149	83.9	1,050	24	1,026	99	8.6	220	
45 to 49 years	722	625	86.6	577	14	563	48	7.7	97	
50 to 54 years	647	524	81.0	473	10	463	51	9.7	123	
55 to 64 years	1,152	712	61.7	670	20	649	42	5.9	441	
55 to 59 years	630	460	72.9	431	15	416	29	6.2	171	
60 to 64 years	522	252	48.3	239	6	233	13	5.2	270	
65 years and over	1,078	153	14.2	145	13	133	7	4.8	925	
65 to 69 years	430	99	23.1	93	6	87	7	6.6	331	
70 years and over	648	53	8.2	53	7	46	1	(¹)	594	
Women										
16 years and over	13,567	7,701	56.8	6,771	26	6,744	931	12.1	5,866	
16 to 19 years	1,325	460	34.7	292	3	289	169	36.6	865	
16 to 17 years	662	157	23.7	90	3	88	67	42.4	505	
18 to 19 years	663	303	45.7	201	-	201	102	33.6	360	
20 to 24 years	1,730	1,081	62.5	859	3	856	223	20.6	649	
25 to 54 years	7,533	5,386	71.5	4,880	18	4,862	506	9.4	2,147	
25 to 34 years	3,419	2,465	72.1	2,160	9	2,151	305	12.4	953	
25 to 29 years	1,792	1,257	70.1	1,079	6	1,074	177	14.1	535	
30 to 34 years	1,627	1,208	74.3	1,080	4	1,077	128	10.6	418	
35 to 44 years	2,421	1,822	75.3	1,687	6	1,681	136	7.4	598	
35 to 39 years	1,367	1,031	75.4	960	4	957	71	6.9	336	
40 to 44 years	1,053	791	75.1	727	2	724	65	8.2	282	
45 to 54 years	1,693	1,098	64.9	1,033	3	1,030	65	5.9	595	
45 to 49 years	892	607	68.0	564	2	561	43	7.1	285	
50 to 54 years	801	491	61.3	470	1	469	22	4.4	310	
55 to 64 years	1,391	633	45.5	603	3	601	29	4.6	758	
55 to 59 years	734	403	54.9	378	1	377	25	6.2	331	
60 to 64 years	656	230	35.0	225	1	224	5	2.0	427	
65 years and over	1,589	141	8.9	137	-	137	4	2.9	1,448	
65 to 69 years	549	79	14.4	79	-	79	-	.4	470	
70 years and over	1,040	62	6.0	58	-	58	4	(¹)	978	

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

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. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985
TOTAL								
Civilian noninstitutional population	177,306	179,112	76,753	77,651	85,995	86,988	14,557	14,474
Civilian labor force	114,028	115,780	59,920	60,379	46,633	48,030	7,474	7,370
Percent of population	64.3	64.6	78.1	77.8	54.2	55.2	51.3	50.9
Employed	106,049	108,063	56,090	56,767	43,843	45,274	6,116	6,022
Agriculture	3,013	2,809	2,303	2,115	513	521	197	172
Nonagricultural industries	103,037	105,254	53,787	54,652	43,330	44,752	5,919	5,850
Unemployed	7,978	7,717	3,831	3,612	2,790	2,757	1,358	1,349
Unemployment rate	7.0	6.7	6.4	6.0	6.0	5.7	18.2	18.3
Not in labor force	63,278	63,332	16,833	17,272	39,362	38,957	7,083	7,103
White								
Civilian noninstitutional population	152,734	154,327	66,866	67,718	73,873	74,745	11,994	11,864
Civilian labor force	98,598	100,090	52,479	52,902	39,593	40,789	6,527	6,399
Percent of population	64.6	64.9	78.5	78.1	53.6	54.6	54.4	53.9
Employed	92,650	94,385	49,550	50,169	37,569	38,795	5,532	5,422
Agriculture	2,739	2,629	2,055	1,968	496	498	188	163
Nonagricultural industries	89,912	91,756	47,495	48,201	37,072	38,297	5,344	5,258
Unemployed	5,948	5,704	2,929	2,733	2,024	1,994	995	977
Unemployment rate	6.0	5.7	5.6	5.2	5.1	4.9	15.2	15.3
Not in labor force	54,136	54,237	14,388	14,816	34,280	33,956	5,468	5,465
Black								
Civilian noninstitutional population	19,513	19,819	7,691	7,808	9,688	9,864	2,134	2,147
Civilian labor force	12,183	12,445	5,738	5,796	5,672	5,835	773	814
Percent of population	62.4	62.8	74.6	74.2	58.5	59.2	36.2	37.9
Employed	10,424	10,681	4,977	5,044	4,999	5,169	448	469
Agriculture	218	145	201	124	11	14	6	8
Nonagricultural industries	10,206	10,536	4,776	4,921	4,988	5,154	442	461
Unemployed	1,759	1,764	761	752	673	667	325	345
Unemployment rate	14.4	14.2	13.3	13.0	11.9	11.4	42.0	42.4
Not in labor force	7,330	7,375	1,953	2,012	4,016	4,029	1,360	1,333

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, years of school completed, race, and Hispanic origin	December 1985									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	
TOTAL ENROLLED										
Total, 16 to 24 years	15,230	7,076	46.5	6,256	1,123	5,132	820	116	705	11.6
16 to 19 years	10,594	4,432	41.8	3,742	347	3,395	691	62	628	15.6
20 to 24 years	4,636	2,644	57.0	2,514	777	1,737	130	53	76	4.9
High school	7,864	3,089	39.3	2,511	156	2,355	578	39	539	18.7
College	7,366	3,987	54.1	3,745	968	2,777	243	77	166	6.1
Full-time students	6,385	3,116	48.8	2,913	439	2,474	203	48	155	6.5
Part-time students	981	872	88.8	832	529	303	40	29	11	4.5
Men, 16 to 24 years	7,803	3,506	44.9	3,039	567	2,472	467	63	404	13.3
16 to 19 years	5,409	2,197	40.6	1,800	174	1,626	396	43	354	18.0
20 to 24 years	2,394	1,310	54.7	1,239	393	846	71	20	50	5.4
High school	4,133	1,598	38.7	1,257	93	1,164	341	27	314	21.3
College	3,669	1,908	52.0	1,782	474	1,308	127	37	90	6.6
Full-time students	3,211	1,497	46.6	1,384	237	1,146	113	27	86	7.6
Part-time students	459	411	89.7	398	236	162	13	9	4	3.3
Women, 16 to 24 years	7,428	3,570	48.1	3,216	556	2,660	353	53	301	9.9
16 to 19 years	5,185	2,236	43.1	1,941	172	1,769	294	20	275	13.2
20 to 24 years	2,243	1,334	59.5	1,275	384	891	59	33	26	4.4
High school	3,731	1,491	40.0	1,254	62	1,191	237	12	225	15.9
College	3,697	2,079	56.2	1,963	494	1,469	116	40	76	5.6
Full-time students	3,174	1,619	51.0	1,529	202	1,327	90	20	70	5.6
Part-time students	523	460	88.0	434	292	142	26	20	6	5.7
White										
Total, 16 to 24 years	12,635	6,238	49.4	5,651	999	4,652	587	76	511	9.4
16 to 19 years	8,705	3,935	45.2	3,427	324	3,103	508	47	461	12.9
20 to 24 years	3,930	2,303	58.6	2,224	675	1,549	79	29	50	3.4
Men	6,503	3,087	47.5	2,738	510	2,228	350	47	303	11.3
Women	6,131	3,151	51.4	2,914	489	2,424	237	29	208	7.5
High school	6,315	2,704	42.8	2,280	138	2,142	424	30	394	15.7
College	6,320	3,534	55.9	3,371	861	2,510	163	46	117	4.6
Full-time students	5,499	2,784	50.6	2,646	386	2,260	139	28	111	5.0
Part-time students	821	750	91.3	725	475	250	24	17	7	3.2
Black										
Total, 16 to 24 years	2,023	644	31.8	435	102	332	210	37	172	32.5
16 to 19 years	1,510	393	26.0	227	18	210	165	14	151	42.1
20 to 24 years	512	252	49.1	207	85	122	44	23	21	17.6
Men	1,008	329	32.7	225	47	178	104	16	89	31.7
Women	1,015	315	31.0	210	56	154	105	21	84	33.4
High school	1,271	313	24.6	174	14	160	140	8	132	44.6
College	751	331	44.0	261	89	172	70	29	41	21.1
Full-time students	627	237	37.9	181	46	135	57	20	37	23.9
Part-time students	125	93	74.9	80	43	37	13	9	4	14.1
Hispanic origin										
Total, 16 to 24 years	1,119	430	38.4	347	84	263	83	2	81	19.3
16 to 19 years	825	269	32.6	191	26	165	78	-	78	29.0
20 to 24 years	294	161	54.8	156	58	98	5	2	3	3.2
Men	580	238	41.0	187	43	145	51	-	50	21.2
Women	539	192	35.6	159	41	118	33	2	31	17.0
High school	713	205	28.7	128	17	112	76	2	74	37.3
College	406	225	55.4	218	67	151	7	-	7	3.0
Full-time students	331	158	47.7	151	37	114	7	-	7	4.4
Part-time students	75	67	89.4	67	30	37	-	-	-	(²)

See footnotes at end of table.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, years of school completed, race, and Hispanic origin	December 1985									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	
TOTAL NOT ENROLLED										
Total, 16 to 24 years	19,063	15,743	82.6	13,696	11,632	2,064	2,047	1,840	207	13.0
16 to 19 years	3,880	2,938	75.7	2,280	1,690	591	658	574	84	22.4
20 to 24 years	15,184	12,805	84.3	11,416	9,942	1,473	1,389	1,267	122	10.8
Less than 4 years of high school	4,372	2,881	65.9	2,168	1,709	459	713	644	69	24.8
4 years of high school	14,691	12,862	87.6	11,528	9,923	1,605	1,334	1,196	138	10.4
1 to 3 years of college	2,935	2,666	90.9	2,486	2,188	298	181	157	24	6.8
4 years of college or more	1,464	1,408	96.2	1,361	1,304	57	47	43	4	3.3
Men, 16 to 24 years	9,056	8,339	92.1	7,200	6,445	756	1,138	1,082	57	13.7
16 to 19 years	1,850	1,573	85.0	1,208	966	242	365	340	26	23.2
20 to 24 years	7,206	6,766	93.9	5,993	5,479	514	773	742	31	11.4
Less than 4 years of high school	2,244	1,895	84.4	1,474	1,254	220	421	407	14	22.2
4 years of high school	6,812	6,444	94.6	5,727	5,190	536	717	675	43	11.1
1 to 3 years of college	1,288	1,238	96.1	1,157	1,046	110	81	75	6	6.5
4 years of college or more	612	599	97.9	578	556	22	21	20	1	3.5
Women, 16 to 24 years	10,007	7,404	74.0	6,495	5,187	1,308	909	758	150	12.3
16 to 19 years	2,029	1,365	67.3	1,073	724	348	293	234	59	21.4
20 to 24 years	7,978	6,039	75.7	5,423	4,463	960	616	524	91	10.2
Less than 4 years of high school	2,128	986	46.3	694	455	239	292	237	55	29.6
4 years of high school	7,879	6,418	81.5	5,802	4,733	1,069	616	521	95	9.6
1 to 3 years of college	1,647	1,428	86.8	1,329	1,141	188	100	82	18	7.0
4 years of college or more	852	809	95.0	784	749	35	26	23	3	3.2
White										
Total, 16 to 24 years	15,843	13,359	84.3	11,901	10,164	1,737	1,458	1,300	159	10.9
16 to 19 years	3,159	2,463	78.0	1,994	1,487	507	469	408	61	19.0
20 to 24 years	12,684	10,896	85.9	9,906	8,676	1,230	989	891	98	9.1
Men	7,595	7,077	93.2	6,253	5,649	604	825	780	44	11.7
Women	8,248	6,282	76.2	5,648	4,515	1,133	634	519	114	10.1
Less than 4 years of high school	3,546	2,433	68.6	1,898	1,508	390	535	485	50	22.0
4 years of high school	12,296	10,926	88.9	10,003	8,656	1,347	923	815	108	8.4
1 to 3 years of college	2,440	2,247	92.1	2,114	1,861	253	133	115	18	5.9
4 years of college or more	1,323	1,284	97.1	1,253	1,200	53	31	26	5	2.4
Black										
Total, 16 to 24 years	2,764	2,042	73.9	1,508	1,216	291	535	491	43	26.2
16 to 19 years	637	421	66.1	241	172	69	179	157	22	42.6
20 to 24 years	2,127	1,622	76.2	1,266	1,044	222	355	334	21	21.9
Men	1,246	1,072	86.0	788	647	141	283	272	11	26.4
Women	1,518	971	63.9	719	569	150	252	219	32	25.9
Less than 4 years of high school	715	386	54.0	228	167	61	159	142	17	41.1
4 years of high school	2,049	1,656	80.8	1,280	1,049	230	376	349	27	22.7
1 to 3 years of college	421	351	83.5	308	271	36	44	40	4	12.5
4 years of college or more	77	69	90.1	60	58	2	9	10	-	(²)
Hispanic origin										
Total, 16 to 24 years	1,872	1,382	73.8	1,194	1,060	133	188	157	31	13.6
16 to 19 years	409	256	62.7	194	154	40	62	44	18	24.3
20 to 24 years	1,463	1,126	76.9	999	906	93	126	113	13	11.2
Men	977	878	89.8	762	702	61	116	105	11	13.2
Women	895	504	56.4	432	359	73	73	52	21	14.4
Less than 4 years of high school	908	599	66.0	505	449	55	95	81	14	15.8
4 years of high school	964	783	81.2	689	611	78	94	76	17	12.0
1 to 3 years of college	203	173	85.1	154	132	22	19	17	2	10.8
4 years of college or more	37	33	(²)	31	30	1	2	2	-	(²)

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

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

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-8. Employment status of male Vietnam-era veterans and nonveterans by age, not seasonally adjusted

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	Dec. 1984	Dec. 1985	Total		Employed		Unemployed			
			Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Number		Percent of labor force	
							Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985
VIETNAM-ERA VETERANS										
Total, 30 years and over	7,548	7,675	7,068	7,158	6,696	6,768	372	390	5.3	5.4
30 to 44 years	6,508	6,426	6,265	6,179	5,928	5,835	337	344	5.4	5.6
30 to 34 years	1,531	1,293	1,466	1,241	1,341	1,138	125	103	8.5	8.3
35 to 39 years	3,403	3,181	3,284	3,074	3,142	2,900	142	174	4.3	5.7
40 to 44 years	1,574	1,952	1,515	1,864	1,445	1,797	70	67	4.6	3.6
45 years and over	1,040	1,249	803	979	768	933	35	46	4.4	4.7
NONVETERANS										
Total, 30 to 44 years	16,698	17,707	15,830	16,713	14,990	15,808	840	905	5.3	5.4
30 to 34 years	7,672	8,063	7,309	7,664	6,864	7,234	445	430	6.1	5.6
35 to 39 years	4,866	5,303	4,595	4,985	4,377	4,718	218	267	4.7	5.4
40 to 44 years	4,160	4,341	3,926	4,064	3,749	3,856	177	208	4.5	5.1

NOTE: Male Vietnam-era veterans are men who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are men who have never served in the Armed Forces; published data are limited to those 30 to 44 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population. Data

for 25- to 29-year-old veterans are no longer shown in this table because the group is rapidly disappearing (into the 30-34 age category) and the numbers remaining for some labor force categories are not large enough to warrant their continued publication.

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 1985								
	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	98,822	87,102	5,402	6,317	6.4	16,959	15,558	1,400	8.3
16 to 19 years	3,081	1,936	509	636	20.6	4,290	3,577	713	16.6
16 to 17 years	410	213	71	125	30.6	2,481	2,015	466	18.8
18 to 19 years	2,671	1,723	438	511	19.1	1,809	1,562	247	13.7
20 years and over	95,741	85,166	4,893	5,681	5.9	12,669	11,981	687	5.4
20 to 24 years	12,828	10,411	1,097	1,320	10.3	2,620	2,421	199	7.6
25 years and over	82,912	74,755	3,797	4,361	5.3	10,048	9,560	488	4.9
25 to 54 years	71,087	64,007	3,178	3,902	5.5	7,006	6,629	377	5.4
55 years and over	11,825	10,749	619	459	3.9	3,043	2,931	111	3.6
Men, 16 years and over	58,801	52,593	2,423	3,784	6.4	5,348	4,759	589	11.0
16 to 19 years	1,693	1,089	222	382	22.6	2,076	1,697	379	18.3
20 years and over	57,107	51,504	2,201	3,402	6.0	3,272	3,062	210	6.4
20 to 24 years	6,988	5,663	562	763	10.9	1,088	1,007	81	7.5
25 years and over	50,119	45,841	1,640	2,640	5.3	2,184	2,056	128	5.9
25 to 54 years	42,555	38,851	1,360	2,345	5.5	994	917	77	7.7
55 years and over	7,564	6,990	280	295	3.9	1,190	1,138	51	4.3
Women, 16 years and over	40,021	34,509	2,979	2,533	6.3	11,610	10,799	811	7.0
16 to 19 years	1,387	847	287	254	18.3	2,213	1,880	334	15.1
20 years and over	38,634	33,662	2,692	2,279	5.9	9,397	8,919	477	5.1
20 to 24 years	5,841	4,748	536	558	9.5	1,532	1,415	117	7.7
25 years and over	32,793	28,916	2,156	1,721	5.2	7,865	7,504	360	4.6
25 to 54 years	28,532	25,157	1,818	1,557	5.5	6,012	5,712	300	5.0
55 years and over	4,261	3,758	339	164	3.8	1,853	1,793	60	3.2
White									
Men, 16 years and over	51,429	46,614	1,975	2,840	5.5	4,731	4,280	451	9.5
16 to 19 years	1,436	969	191	276	19.2	1,822	1,539	283	15.5
20 years and over	49,993	45,644	1,784	2,564	5.1	2,909	2,740	168	5.8
20 to 24 years	5,947	4,944	451	552	9.3	960	896	64	6.7
25 years and over	44,046	40,700	1,334	2,013	4.6	1,949	1,844	103	5.3
25 to 54 years	37,259	34,408	1,090	1,762	4.7	845	787	58	6.9
55 years and over	6,787	6,292	244	251	3.7	1,104	1,057	45	4.1
Women, 16 years and over	33,435	29,232	2,421	1,782	5.3	10,495	9,864	631	6.0
16 to 19 years	1,168	745	243	180	15.4	1,972	1,733	239	12.1
20 years and over	32,267	28,487	2,178	1,603	5.0	8,523	8,131	392	4.6
20 to 24 years	4,940	4,133	439	368	7.5	1,351	1,267	84	6.2
25 years and over	27,327	24,354	1,738	1,234	4.5	7,171	6,863	308	4.3
25 to 54 years	23,620	21,071	1,452	1,095	4.6	5,537	5,282	255	4.6
55 years and over	3,707	3,282	285	139	3.7	1,634	1,581	53	3.2
Black									
Men, 16 years and over	5,756	4,562	376	817	14.2	473	350	123	26.0
16 to 19 years	226	99	26	101	44.5	208	120	88	42.2
20 years and over	5,530	4,463	350	717	13.0	266	230	35	13.3
20 to 24 years	870	586	98	187	21.5	97	85	12	12.5
25 years and over	4,659	3,877	252	530	11.4	169	146	24	14.2
25 to 54 years	4,042	3,328	220	493	12.2	98	80	18	18.4
55 years and over	617	549	32	37	6.0	71	66	6	(²)
Women, 16 years and over	5,415	4,250	492	672	12.4	800	649	151	18.9
16 to 19 years	197	87	39	71	36.0	183	97	86	46.8
20 years and over	5,218	4,163	454	601	11.5	618	552	66	10.6
20 to 24 years	773	515	88	170	22.0	132	102	30	23.0
25 years and over	4,444	3,649	366	418	9.4	485	450	35	7.2
25 to 54 years	3,987	3,258	319	412	10.3	308	280	27	8.8
55 years and over	457	391	47	6	1.3	177	170	8	4.5

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

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 1985									
	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	95,008	65.1	88,581	6,427	6.8	50,922	24,611	8,534	1,960	15,817
Husbands	39,524	78.5	37,869	1,655	4.2	10,822	180	175	867	9,600
With employed wife	24,240	91.6	23,377	863	3.6	2,212	63	100	300	1,748
With unemployed wife	1,161	92.0	1,010	152	13.1	101	3	4	28	66
With wife not in labor force	14,123	62.4	13,482	641	4.5	8,510	114	71	539	7,786
Wives	27,713	55.0	26,451	1,262	4.6	22,633	19,508	364	269	2,491
With employed husband	24,387	64.4	23,377	1,010	4.1	13,482	12,321	303	89	768
With unemployed husband	1,014	61.3	863	152	15.0	641	590	11	6	33
With husband not in labor force	2,312	21.4	2,212	101	4.3	8,510	6,597	50	173	1,690
Relatives in married-couple families	13,057	61.6	11,469	1,588	12.2	8,141	755	5,772	280	1,333
16 to 19 years	4,801	50.5	4,117	684	14.2	4,703	116	4,346	11	229
20 to 24 years	5,092	75.1	4,573	519	10.2	1,693	138	1,293	31	231
25 years and over	3,164	64.5	2,779	385	12.2	1,745	501	133	238	873
Women who maintain families	6,165	60.6	5,605	560	9.1	4,003	2,964	181	139	718
Relatives in families maintained by women	5,193	58.4	4,246	947	18.2	3,706	774	1,701	256	975
16 to 19 years	1,336	46.0	916	420	31.5	1,568	92	1,341	7	128
20 to 24 years	1,627	74.7	1,350	277	17.0	551	101	287	17	146
25 years and over	2,230	58.4	1,980	250	11.2	1,587	581	73	232	701
Men who maintain families	1,851	75.3	1,699	152	8.2	606	62	19	92	433
Relatives in families maintained by men	1,504	59.8	1,241	263	17.5	1,012	368	322	57	264
16 to 19 years	292	52.0	211	81	27.6	269	15	240	1	13
20 to 24 years	449	76.9	387	62	13.8	135	32	58	4	41
25 years and over	763	55.7	643	120	15.7	608	321	24	52	210

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

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

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

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. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985
Total, 16 years and over	4,623	4,374	7.2	6.8	3,355	3,344	6.7	6.5
Married, spouse present	1,895	1,813	4.6	4.4	1,413	1,380	5.1	4.8
Widowed, divorced, or separated	546	545	9.2	8.7	711	745	7.4	7.4
Single (never married)	2,182	2,016	13.1	12.0	1,231	1,219	9.7	9.4
White, 16 years and over	3,518	3,291	6.3	5.9	2,430	2,413	5.7	5.5
Married, spouse present	1,583	1,488	4.3	4.0	1,184	1,160	4.8	4.6
Widowed, divorced, or separated	408	405	8.4	7.8	499	543	6.5	6.8
Single (never married)	1,527	1,399	10.9	9.9	746	711	7.2	6.7
Black, 16 years and over	951	941	15.5	15.1	808	823	13.4	13.2
Married, spouse present	227	260	7.5	8.5	166	171	7.3	7.5
Widowed, divorced, or separated	126	123	13.8	13.0	197	179	11.2	9.6
Single (never married)	598	557	27.1	25.1	446	473	22.3	22.9
Total, 25 years and over	2,869	2,768	5.6	5.3	2,111	2,082	5.4	5.1
Married, spouse present	1,691	1,605	4.3	4.1	1,135	1,077	4.5	4.2
Widowed, divorced, or separated	513	519	9.1	8.6	631	663	6.9	6.9
Single (never married)	665	644	9.5	8.7	345	341	7.0	6.5
White, 25 years and over	2,230	2,117	4.9	4.6	1,580	1,542	4.7	4.5
Married, spouse present	1,410	1,323	4.0	3.8	959	903	4.3	3.9
Widowed, divorced, or separated	381	381	8.2	7.7	438	472	6.0	6.2
Single (never married)	439	414	7.7	6.8	183	167	4.8	4.2
Black, 25 years and over	526	553	11.1	11.4	469	467	9.9	9.5
Married, spouse present	203	226	7.1	7.8	125	136	6.1	6.6
Widowed, divorced, or separated	119	121	13.6	13.0	181	172	10.6	9.5
Single (never married)	204	205	20.6	20.2	163	159	16.8	15.1

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985
Total, 16 years and over	7,978	7,717	7.0	6.7	7.2	6.8	6.7	6.5
Managerial and professional specialty	583	548	2.2	2.0	2.2	2.0	2.3	2.0
Executive, administrative, and managerial	264	293	2.2	2.3	2.0	2.1	2.4	2.7
Professional specialty	319	255	2.3	1.8	2.4	1.9	2.2	1.6
Technical, sales, and administrative support	1,578	1,496	4.6	4.2	3.7	3.3	5.0	4.7
Technicians and related support	117	106	3.5	3.1	2.6	2.8	4.4	3.3
Sales occupations	644	645	4.8	4.7	3.4	3.1	6.2	6.3
Administrative support, including clerical	817	745	4.7	4.1	5.0	4.0	4.6	4.1
Service occupations	1,327	1,450	8.5	8.9	8.7	9.1	8.3	8.8
Private household	68	72	5.9	7.0	(¹)	(¹)	5.8	7.3
Protective service	89	100	4.9	5.3	4.8	5.2	5.6	5.6
Service, except private household and protective	1,170	1,278	9.2	9.6	10.1	10.6	8.7	9.1
Precision production, craft, and repair	934	1,022	6.6	7.2	6.3	7.0	9.1	9.2
Mechanics and repairers	165	245	3.6	5.3	3.5	5.2	7.4	8.4
Construction trades	531	519	10.1	9.7	9.9	9.6	18.1	13.7
Other precision production, craft, and repair	238	258	5.5	6.1	4.7	5.3	8.2	8.8
Operators, fabricators, and laborers	2,245	2,023	11.7	10.6	12.0	10.4	10.9	11.4
Machine operators, assemblers, and inspectors	949	907	10.7	10.3	10.2	8.9	11.4	12.1
Transportation and material moving occupations	479	448	9.7	9.1	9.8	9.3	7.9	7.0
Handlers, equipment cleaners, helpers, and laborers	817	669	15.3	12.8	16.4	13.2	10.7	10.8
Construction laborers	217	174	26.6	21.2	26.0	20.4	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	600	495	13.3	11.2	14.2	11.6	9.7	9.7
Farming, forestry, and fishing	423	301	11.8	9.4	11.5	9.4	13.9	9.8
No previous work experience	822	833						
16 to 19 years	554	546						
20 to 24 years	171	190						
25 years and over	97	96						

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. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985
Total, 16 years and over	7,978	7,717	7.0	6.7	7.2	6.8	6.7	6.5
Nonagricultural private wage and salary workers	6,039	5,903	7.1	6.8	7.5	7.0	6.6	6.5
Mining	94	95	9.5	9.8	10.0	10.1	7.1	7.6
Construction	818	774	14.2	13.1	14.7	13.3	8.6	11.0
Manufacturing	1,629	1,580	7.3	7.3	6.8	6.7	8.3	8.4
Durable goods	978	969	7.3	7.4	7.2	7.1	7.6	8.2
Lumber and wood products	79	94	11.7	13.3	12.1	13.1	9.5	14.5
Furniture and fixtures	49	63	8.0	8.5	9.6	9.5	3.6	6.4
Stone, clay, and glass products	53	67	8.6	10.2	8.6	9.6	8.7	12.1
Primary metal industries	130	88	13.2	9.6	13.7	10.0	10.1	6.1
Fabricated metal products	139	129	10.0	9.6	9.6	9.6	11.3	9.5
Machinery, except electrical	146	149	5.4	5.7	5.3	6.0	5.6	5.0
Electrical machinery, equipment, and supplies	167	160	6.6	7.0	5.1	5.2	8.3	9.5
Transportation equipment	137	141	5.4	5.3	5.5	4.7	5.2	7.7
Automobiles	79	89	5.9	7.0	5.6	5.7	7.1	11.9
Other transportation equipment	58	52	5.0	3.7	5.3	3.8	2.5	3.6
Professional and photographic equipment	32	25	4.6	3.5	2.8	2.3	7.1	5.4
Other durable goods industries	46	53	8.6	11.0	7.4	10.0	10.1	12.4
Nondurable goods	651	611	7.3	7.0	6.1	6.0	9.0	8.5
Food and kindred products	179	166	9.3	8.8	8.6	8.0	10.6	10.4
Textile mill products	67	56	8.1	6.8	7.1	6.5	9.0	7.2
Apparel and other textile products	121	123	9.7	10.0	7.9	3.7	10.2	11.7
Paper and allied products	54	39	7.6	5.7	7.1	5.3	9.0	6.8
Printing and publishing	84	62	4.9	3.7	4.4	3.2	5.8	4.3
Chemicals and allied products	63	68	5.0	5.9	3.9	5.9	7.5	5.8
Rubber and miscellaneous plastics products	44	55	5.6	7.4	3.9	6.3	8.7	9.4
Other nondurable goods industries	40	41	8.1	9.6	6.1	9.1	12.0	10.6
Transportation and public utilities	303	308	5.1	4.9	5.8	5.2	3.1	4.2
Transportation	245	241	5.9	5.6	6.8	6.1	3.2	4.1
Communications and other public utilities	58	66	2.2	2.4	2.2	1.9	2.2	3.3
Wholesale and retail trade	1,574	1,619	7.1	7.2	6.4	6.5	7.8	8.0
Wholesale trade	242	187	5.8	4.6	5.3	3.8	6.9	6.3
Retail trade	1,332	1,431	7.4	7.8	6.9	7.4	8.0	8.2
Finance, insurance, and real estate	232	207	3.7	3.1	4.4	3.2	3.3	3.1
Service industries	1,388	1,321	6.4	5.8	7.1	6.2	6.0	5.6
Professional services	488	458	4.0	3.6	4.0	3.1	4.0	3.8
Other service industries	900	863	9.6	8.7	9.8	8.8	9.5	8.6
Agricultural wage and salary workers	280	210	16.3	13.6	14.6	13.7	24.3	13.3
Government, self-employed, and unpaid family workers	837	771	3.2	2.9	3.3	2.9	3.0	2.9
No previous work experience	822	833	-	-	-	-	-	-

**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. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985
NUMBER OF UNEMPLOYED												
Total unemployed	7,978	7,717	3,831	3,612	2,790	2,757	1,358	1,349	5,948	5,704	1,759	1,764
Job losers	4,343	4,063	2,711	2,585	1,298	1,187	334	291	3,357	3,109	853	825
On layoff	1,157	1,190	737	782	339	322	82	86	990	1,035	140	136
Other job losers	3,186	2,873	1,974	1,803	959	865	252	205	2,367	2,074	713	689
Job leavers	791	813	361	334	334	362	96	117	656	658	107	142
Reentrants	2,024	2,010	650	596	999	1,020	375	394	1,404	1,405	537	541
New entrants	820	832	108	98	159	188	553	546	531	532	263	255
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	54.4	52.6	70.7	71.6	46.6	43.1	24.6	21.6	56.4	54.5	48.5	46.8
On layoff	14.5	15.4	19.2	21.7	12.2	11.7	6.0	6.4	16.6	18.1	8.0	7.7
Other job losers	39.9	37.2	51.5	49.9	34.4	31.4	18.6	15.2	39.8	36.4	40.5	39.1
Job leavers	9.9	10.5	9.4	9.2	12.0	13.1	7.1	8.7	11.0	11.5	6.1	8.0
Reentrants	25.4	26.0	17.0	16.5	35.8	37.0	27.6	29.2	23.6	24.6	30.5	30.7
New entrants	10.3	10.8	2.8	2.7	5.7	6.8	40.7	40.5	8.9	9.3	14.9	14.5
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	3.8	3.5	4.5	4.3	2.8	2.5	4.5	4.0	3.4	3.1	7.0	6.6
Job leavers .....	.7	.7	.6	.6	.7	.8	1.3	1.6	.7	.7	.9	1.1
Reentrants	1.8	1.7	1.1	1.0	2.1	2.1	5.0	5.3	1.4	1.4	4.4	4.3
New entrants .....	.7	.7	.2	.2	.3	.4	7.4	7.4	.5	.5	2.2	2.1

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

(Percent distribution)

Reason, sex, and age	December 1985						
	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	7,717	100.0	39.6	33.4	27.1	12.2	14.8
Job losers	4,063	100.0	35.0	35.2	29.8	12.5	17.3
On layoff	1,190	100.0	50.9	35.7	13.4	6.9	6.5
Other job losers	2,873	100.0	28.4	35.0	36.6	14.8	21.8
Job leavers	813	100.0	44.5	33.1	22.5	11.6	10.8
Reentrants	2,010	100.0	44.6	32.8	22.6	10.7	12.0
New entrants	832	100.0	44.9	26.5	28.7	15.3	13.4
Men, 20 years and over	3,612	100.0	33.3	33.9	32.8	13.3	19.5
Job losers	2,585	100.0	32.7	34.0	33.3	12.6	20.7
On layoff	782	100.0	51.8	34.2	14.0	6.6	7.3
Other job losers	1,803	100.0	24.5	33.9	41.6	15.2	26.5
Job leavers	334	100.0	38.2	32.7	29.1	14.2	14.9
Reentrants	596	100.0	34.2	35.8	30.1	15.7	14.4
New entrants	98	100.0	26.2	24.1	49.7	16.0	33.7
Women, 20 years and over	2,757	100.0	39.8	34.9	25.4	11.9	13.5
Job losers	1,187	100.0	34.8	37.7	27.5	13.6	13.9
On layoff	322	100.0	45.0	39.7	15.3	9.3	5.9
Other job losers	865	100.0	31.0	36.9	32.1	15.2	16.9
Job leavers	362	100.0	44.3	35.6	20.1	10.8	9.3
Reentrants	1,020	100.0	44.9	32.3	22.7	8.6	14.1
New entrants	188	100.0	34.4	29.5	36.1	21.1	14.9
Both sexes, 16 to 19 years	1,349	100.0	55.9	29.0	15.1	9.9	5.3
Job losers	291	100.0	55.6	35.7	8.7	7.0	1.7
On layoff	86	100.0	64.5	34.0	1.4	.5	.9
Other job losers	205	100.0	51.9	36.4	11.7	9.7	2.1
Job leavers	117	100.0	63.0	26.3	10.7	6.9	3.8
Reentrants	394	100.0	59.6	29.3	11.2	8.3	2.9
New entrants	546	100.0	51.8	25.8	22.4	13.1	9.3

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. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985
	Total, 16 years and over	7,978	7,717	100.0	100.0	6,592	6,317	100.0	100.0
Less than 5 weeks	3,060	3,053	38.4	39.6	2,325	2,254	35.3	35.7
5 to 14 weeks	2,647	2,577	33.2	33.4	2,183	2,160	33.1	34.2
5 to 10 weeks	1,920	1,863	24.1	24.1	1,567	1,565	23.8	24.8
11 to 14 weeks	728	714	9.1	9.3	616	594	9.3	9.4
15 weeks and over	2,272	2,088	28.5	27.1	2,084	1,903	31.6	30.1
15 to 26 weeks	951	943	11.9	12.2	847	828	12.8	13.1
27 weeks and over	1,321	1,145	16.6	14.8	1,237	1,076	18.8	17.0
27 to 51 weeks	422	429	5.3	5.6	388	410	5.9	6.5
52 weeks and over	899	716	11.3	9.3	849	666	12.9	10.5
Average (mean) duration, in weeks	17.1	15.5	-	-	18.8	17.0	-	-
Median duration, in weeks	7.6	7.2	-	-	8.5	8.2	-	-

**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. 1984	Dec. 1985	Dec. 1984	Dec. 1985
	December 1985										
Total, 16 years and over	7,717	3,053	2,577	943	1,145	15.5	7.2	38.4	39.6	28.5	27.1
16 to 19 years	1,349	753	391	133	71	8.7	4.5	50.4	55.9	16.4	15.1
20 to 24 years	1,519	581	554	202	181	14.3	7.5	39.8	38.3	27.5	25.3
25 to 34 years	2,201	825	765	278	334	15.8	7.6	39.0	37.5	26.4	27.8
35 to 44 years	1,281	434	446	168	233	17.6	8.5	31.2	33.9	36.8	31.3
45 to 54 years	797	260	264	98	175	19.7	9.0	31.9	32.6	33.7	34.2
55 to 64 years	490	167	138	59	126	22.8	9.5	28.3	34.0	41.0	37.7
65 years and over	81	33	18	6	25	27.8	7.0	(¹)	40.8	(¹)	37.1
Men, 16 years and over	4,374	1,601	1,457	569	747	17.4	8.0	37.6	36.6	30.5	30.1
16 to 19 years	762	398	232	87	44	9.4	4.8	47.9	52.3	16.4	17.3
20 to 24 years	844	310	313	120	102	14.8	7.9	40.0	36.7	30.3	26.2
25 to 34 years	1,229	431	419	168	211	17.6	8.2	38.5	35.0	30.1	30.8
35 to 44 years	744	239	254	94	157	19.8	9.2	30.1	32.2	39.0	33.7
45 to 54 years	450	121	137	65	126	24.6	11.9	30.4	27.0	34.1	42.6
55 to 64 years	296	87	92	31	86	25.1	10.0	29.1	29.5	43.0	39.5
65 years and over	50	15	10	3	22	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,344	1,451	1,120	374	398	13.0	6.4	39.3	43.4	25.6	23.1
16 to 19 years	587	355	159	45	27	7.7	4.1	54.0	60.4	16.4	12.4
20 to 24 years	675	271	241	83	79	13.6	6.9	39.5	40.2	23.7	24.0
25 to 34 years	973	394	346	109	123	13.6	6.9	39.7	40.5	21.0	23.9
35 to 44 years	537	195	193	74	76	14.6	7.8	32.3	36.2	34.6	27.9
45 to 54 years	347	138	128	32	48	13.4	6.9	34.0	39.9	33.1	23.3
55 to 64 years	193	79	46	27	40	19.3	8.5	26.8	41.0	37.4	35.0
65 years and over	32	18	8	3	3	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	5,704	2,311	1,981	669	744	14.5	6.7	38.8	40.5	27.4	24.8
Men	3,291	1,245	1,142	400	504	16.2	7.4	38.1	37.8	29.6	27.5
Women	2,413	1,066	838	269	239	12.1	6.1	39.8	44.2	24.3	21.1
Black, 16 years and over	1,764	648	509	246	361	19.0	8.1	36.8	36.7	31.9	34.4
Men	941	310	257	154	219	21.8	9.4	36.7	33.0	33.1	39.7
Women	823	338	252	91	142	15.7	6.7	37.0	41.0	30.5	28.4
Men, 16 years and over:											
Married, spouse present	1,813	600	607	239	367	19.0	8.7	35.7	33.1	33.5	33.4
Widowed, divorced, or separated	545	173	194	75	102	19.7	9.0	29.7	31.8	37.9	32.5
Single (never married)	2,016	828	655	256	277	15.4	7.1	41.3	41.1	26.1	26.4
Women, 16 years and over:											
Married, spouse present	1,380	576	501	160	143	11.8	6.4	38.9	41.7	24.1	22.0
Widowed, divorced, or separated	745	271	259	102	114	16.1	8.6	35.0	36.4	30.9	28.9
Single (never married)	1,219	605	361	112	142	12.6	5.1	42.4	49.6	24.4	20.8

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

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. 1984	Dec. 1985	Dec. 1984	Dec. 1985
	December 1985										
OCCUPATION											
Managerial and professional specialty	548	162	202	88	96	17.4	9.8	35.1	29.6	28.2	33.5
Technical, sales, and administrative support	1,496	648	510	147	190	13.4	6.4	39.6	43.3	27.3	22.6
Service occupations	1,450	588	476	164	221	15.6	7.0	38.4	40.6	28.7	26.6
Precision production, craft, and repair	1,022	376	359	126	161	15.9	7.3	41.2	36.8	27.3	28.1
Operators, fabricators, and laborers	2,023	756	686	252	329	17.0	7.6	35.5	37.4	31.6	28.7
Farming, forestry, and fishing	301	136	100	29	35	13.1	6.0	44.9	45.3	23.6	21.3
INDUSTRY¹											
Agriculture	210	98	74	17	22	12.6	5.5	48.9	46.4	24.1	18.6
Construction	794	314	306	80	94	13.8	6.5	45.3	39.5	20.9	22.0
Manufacturing	1,592	529	533	231	299	18.6	9.1	33.6	33.2	35.1	33.3
Durable goods	976	301	339	139	197	20.0	9.9	30.8	30.9	38.2	34.5
Nondurable goods	616	227	194	91	102	16.3	8.2	37.8	36.9	30.4	31.5
Transportation and public utilities	347	141	114	36	57	16.3	6.6	26.8	40.5	36.0	26.7
Wholesale and retail trade	1,623	688	550	164	220	13.8	6.6	42.8	42.4	25.3	23.7
Finance and service industries	1,823	729	598	226	271	15.6	7.3	35.8	40.0	29.2	27.2
Public administration	233	78	98	36	22	14.4	7.8	32.4	33.3	31.1	24.8
No previous work experience	833	373	221	127	112	15.0	6.7	40.0	44.8	25.0	28.7

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 1985								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over	7,717	6,393	24.4	6.2	76.7	35.3	16.5	4.0	1.63
16 to 19 years	1,349	1,237	13.0	3.6	83.4	25.3	12.0	2.7	1.40
20 to 24 years	1,519	1,323	23.7	4.8	77.5	37.3	13.4	3.9	1.61
25 to 34 years	2,201	1,784	29.6	6.7	75.4	35.4	19.6	4.0	1.71
35 to 44 years	1,281	1,011	29.7	7.1	74.0	41.3	17.7	4.8	1.75
45 to 54 years	797	594	27.1	9.8	73.9	38.2	17.7	4.7	1.71
55 to 64 years	490	385	22.6	9.4	70.1	40.3	22.6	5.7	1.71
65 years and over	81	59	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Men, 16 years and over	4,374	3,455	27.2	6.2	78.3	33.2	18.5	4.1	1.67
16 to 19 years	762	690	13.5	2.9	85.7	22.6	11.6	2.3	1.39
20 to 24 years	844	703	29.0	5.4	78.1	35.4	16.4	5.1	1.69
25 to 34 years	1,229	931	35.7	6.9	77.1	32.9	22.8	2.4	1.78
35 to 44 years	744	555	33.0	5.9	76.2	38.4	20.0	6.1	1.80
45 to 54 years	450	313	25.2	12.5	75.1	37.7	18.8	6.4	1.76
55 to 64 years	296	227	18.9	8.4	72.7	40.5	25.1	6.2	1.72
65 years and over	50	35	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,344	2,938	21.1	6.2	74.8	37.7	14.2	3.9	1.58
16 to 19 years	587	547	12.2	4.6	80.6	28.7	12.6	3.3	1.42
20 to 24 years	675	620	17.7	4.2	76.6	39.5	10.2	2.7	1.51
25 to 34 years	973	853	23.0	6.6	73.6	38.1	16.2	6.0	1.63
35 to 44 years	537	456	25.7	8.6	71.3	45.0	14.9	3.1	1.68
45 to 54 years	347	281	29.2	6.8	72.6	38.8	16.7	2.8	1.67
55 to 64 years	193	159	27.7	10.7	66.0	39.6	18.9	5.0	1.68
65 years and over	32	23	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	5,704	4,553	24.2	6.4	77.4	36.8	16.8	4.5	1.66
Men	3,291	2,481	26.9	6.8	78.7	34.3	18.5	4.8	1.70
Women	2,413	2,072	21.1	6.0	75.9	39.8	14.7	4.2	1.62
Black, 16 years and over	1,764	1,617	24.7	5.6	75.5	30.4	16.0	3.2	1.55
Men	941	852	27.2	4.6	77.6	29.5	18.9	2.7	1.60
Women	823	766	21.9	6.8	73.1	31.3	12.5	3.7	1.49

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

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

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

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

Sex and reason	December 1985								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over	7,717	6,393	24.4	6.2	76.7	35.3	16.5	4.0	1.63
Job losers ¹	4,063	2,861	30.3	6.4	78.9	36.6	19.3	3.7	1.75
Job leavers	813	801	26.1	9.1	74.5	44.6	16.6	3.2	1.74
Reentrants	2,010	1,911	20.0	5.7	73.1	34.1	15.0	4.7	1.53
New entrants	832	820	12.6	3.8	79.4	24.3	10.6	4.3	1.35
Men, 16 years and over	4,374	3,455	27.2	6.2	78.3	33.2	18.5	4.1	1.67
Job losers ¹	2,766	1,923	31.7	5.8	79.0	34.2	20.2	3.9	1.75
Job leavers	394	387	30.0	9.0	76.7	44.4	19.1	3.1	1.82
Reentrants	804	741	21.6	7.2	74.6	30.6	19.0	5.0	1.58
New entrants	410	404	13.4	3.5	82.9	22.3	8.9	4.5	1.35
Women, 16 years and over	3,344	2,938	21.1	6.2	74.8	37.7	14.2	3.9	1.58
Job losers ¹	1,297	938	27.3	7.7	78.8	41.6	17.2	3.4	1.76
Job leavers	419	414	22.2	9.2	72.7	44.7	14.3	3.6	1.67
Reentrants	1,206	1,170	19.1	4.8	72.1	36.2	12.6	4.5	1.49
New entrants	422	416	11.8	4.1	76.0	26.2	12.3	4.1	1.34

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. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985
All industries	106,049	108,063	59,179	59,775	46,870	48,288
16 to 19 years	6,116	6,022	3,090	3,008	3,027	3,014
16 to 17 years	2,297	2,300	1,148	1,137	1,148	1,163
18 to 19 years	3,820	3,722	1,941	1,871	1,878	1,851
20 to 24 years	14,192	13,930	7,439	7,232	6,753	6,698
25 to 54 years	71,433	73,814	40,279	41,127	31,153	32,687
25 to 34 years	30,870	31,734	17,342	17,710	13,528	14,024
35 to 44 years	24,334	25,444	13,628	13,979	10,706	11,466
45 to 54 years	16,228	16,635	9,310	9,438	6,918	7,197
55 to 64 years	11,512	11,457	6,755	6,706	4,757	4,751
55 to 59 years	6,936	6,914	4,067	4,062	2,870	2,852
60 to 64 years	4,575	4,542	2,688	2,644	1,887	1,898
65 years and over	2,797	2,841	1,616	1,703	1,180	1,139
Agriculture	3,013	2,809	2,475	2,262	538	547
16 to 19 years	197	172	172	146	25	26
16 to 17 years	80	63	62	54	18	9
18 to 19 years	117	109	110	92	7	17
20 to 24 years	341	360	290	298	51	62
25 to 54 years	1,769	1,595	1,409	1,245	360	350
25 to 34 years	687	688	572	545	115	143
35 to 44 years	582	475	451	373	131	102
45 to 54 years	500	432	386	327	113	104
55 to 64 years	472	453	404	366	69	87
55 to 59 years	247	229	209	185	38	44
60 to 64 years	225	224	195	181	30	43
65 years and over	233	228	199	206	34	22
Nonagricultural industries	103,037	105,254	56,705	57,514	46,332	47,740
16 to 19 years	5,919	5,850	2,917	2,862	3,002	2,988
16 to 17 years	2,216	2,237	1,086	1,083	1,130	1,154
18 to 19 years	3,703	3,613	1,832	1,779	1,871	1,834
20 to 24 years	13,851	13,570	7,149	6,934	6,702	6,636
25 to 54 years	69,663	72,219	38,870	39,882	30,793	32,337
25 to 34 years	30,182	31,045	16,769	17,165	13,413	13,881
35 to 44 years	23,752	24,969	13,177	13,605	10,575	11,364
45 to 54 years	15,729	16,204	8,924	9,111	6,805	7,092
55 to 64 years	11,040	11,003	6,351	6,340	4,688	4,663
55 to 59 years	6,690	6,685	3,858	3,877	2,832	2,808
60 to 64 years	4,350	4,318	2,493	2,462	1,857	1,855
65 years and over	2,564	2,613	1,417	1,497	1,147	1,116

**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. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985
Total	106,049	108,063	59,179	59,775	56,090	56,767	46,870	48,288	43,843	45,274
Managerial and professional specialty	25,431	26,231	14,680	14,912	14,606	14,812	10,751	11,319	10,659	11,189
Executive, administrative, and managerial	11,949	12,287	7,816	7,910	7,791	7,862	4,133	4,377	4,104	4,335
Officials and administrators, public administration	494	536	321	339	321	339	172	197	171	198
Other executive, administrative, and managerial	8,202	8,398	5,680	5,789	5,655	5,741	2,522	2,609	2,497	2,576
Management-related occupations	3,254	3,353	1,815	1,782	1,815	1,782	1,439	1,571	1,436	1,561
Professional specialty	13,482	13,943	6,864	7,002	6,815	6,950	6,618	6,942	6,556	6,854
Engineers	1,559	1,739	1,458	1,623	1,455	1,623	101	117	99	117
Mathematical and computer scientists	526	604	379	391	379	389	147	213	147	213
Natural scientists	317	398	262	271	262	271	55	67	55	66
Health diagnosing occupations	712	694	608	600	608	600	104	94	103	95
Health assessment and treating occupations	2,007	2,045	287	294	285	292	1,720	1,751	1,719	1,748
Teachers, college and university	681	667	457	434	458	433	224	233	222	226
Teachers, except college and university	3,585	3,635	1,006	931	991	925	2,580	2,704	2,547	2,669
Lawyers and judges	672	655	550	546	550	546	122	109	119	109
Other professional specialty occupations	3,423	3,565	1,856	1,912	1,827	1,872	1,567	1,653	1,544	1,612
Technical, sales, and administrative support	32,903	33,997	11,673	12,011	11,099	11,402	21,230	21,986	19,652	20,385
Technicians and related support	3,276	3,366	1,733	1,790	1,704	1,773	1,543	1,576	1,526	1,556
Health technologists and technicians	1,105	1,153	205	193	202	191	899	960	892	952
Engineering and science technicians	1,128	1,102	898	900	883	889	229	202	223	194
Technicians, except health, engineering, and science	1,044	1,111	630	697	619	693	415	414	411	410
Sales occupations	12,872	13,036	6,604	6,713	6,206	6,339	6,268	6,323	5,338	5,409
Supervisors and proprietors	3,399	3,390	2,357	2,358	2,332	2,338	1,042	1,032	1,035	1,012
Sales representatives, finance and business services	1,903	2,112	1,170	1,233	1,159	1,231	733	879	720	853
Sales representatives, commodities, except retail	1,400	1,547	1,149	1,256	1,142	1,242	251	292	243	288
Sales workers, retail and personal services	6,113	5,904	1,904	1,824	1,548	1,488	4,209	4,079	3,308	3,218
Sales-related occupations	57	82	24	42	24	41	33	40	32	39
Administrative support, including clerical	16,755	17,595	3,336	3,508	3,189	3,290	13,418	14,087	12,787	13,420
Supervisors	634	752	321	336	321	337	312	416	306	415
Computer equipment operators	764	781	238	236	229	220	525	545	507	522
Secretaries, stenographers, and typists	4,790	5,018	83	89	78	84	4,707	4,929	4,488	4,738
Financial records processing	2,349	2,561	233	273	229	263	2,116	2,288	2,063	2,225
Mail and message distributing	827	870	553	574	530	528	273	296	259	281
Other administrative support, including clerical	7,392	7,613	1,908	2,000	1,802	1,858	5,484	5,613	5,165	5,239
Service occupations	14,340	14,787	5,540	5,888	4,714	5,040	8,799	8,899	7,748	7,855
Private household	1,080	955	35	38	30	26	1,045	917	851	779
Protective service	1,716	1,800	1,514	1,564	1,480	1,543	202	236	188	226
Service, except private household and protective	11,544	12,031	3,992	4,286	3,203	3,471	7,552	7,745	6,709	6,850
Food service	5,002	5,188	1,786	1,934	1,166	1,310	3,216	3,253	2,597	2,608
Health service	1,709	1,798	134	155	130	149	1,576	1,643	1,482	1,549
Cleaning and building service	2,805	2,863	1,692	1,776	1,551	1,620	1,114	1,087	1,066	1,029
Personal service	2,027	2,182	381	421	356	393	1,646	1,762	1,563	1,664
Precision production, craft, and repair	13,270	13,176	12,161	12,063	11,806	11,794	1,108	1,113	1,060	1,079
Mechanics and repairers	4,463	4,383	4,341	4,229	4,221	4,146	122	154	118	148
Construction trades	4,723	4,826	4,629	4,727	4,468	4,598	95	98	87	96
Other precision production, craft, and repair	4,084	3,967	3,192	3,106	3,117	3,050	892	861	855	835
Operators, fabricators, and laborers	16,958	16,987	12,439	12,462	11,378	11,439	4,519	4,525	4,290	4,336
Machine operators, assemblers, and inspectors	7,956	7,933	4,717	4,668	4,516	4,503	3,239	3,265	3,134	3,168
Manufacturing industries	6,681	6,654	3,909	3,867	3,748	3,749	2,772	2,787	2,697	2,722
Durable goods	3,713	3,750	2,583	2,622	2,480	2,546	1,130	1,127	1,103	1,103
Nondurable goods	2,968	2,904	1,326	1,245	1,268	1,203	1,642	1,660	1,594	1,619
Nonmanufacturing industries	1,276	1,279	808	801	768	754	467	478	437	446
Transportation and material moving occupations	4,481	4,479	4,099	4,048	3,963	3,908	382	431	364	418
Motor vehicle operators	3,241	3,347	2,907	2,954	2,787	2,841	334	394	316	380
Other transportation and material moving occupations	1,240	1,132	1,192	1,095	1,176	1,067	48	37	49	37
Handlers, equipment cleaners, helpers, and laborers	4,520	4,575	3,622	3,746	2,900	3,027	898	829	792	750
Construction laborers	599	648	583	630	517	559	16	18	13	15
Other handlers, equipment cleaners, helpers, and laborers	3,922	3,927	3,039	3,116	2,383	2,468	882	812	779	734
Farming, forestry, and fishing	3,148	2,886	2,686	2,440	2,487	2,280	462	446	434	431
Farm operators and managers	1,323	1,280	1,177	1,112	1,156	1,101	146	168	145	168
Other farming, forestry, and fishing occupations	1,825	1,606	1,508	1,328	1,331	1,179	317	278	289	262

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985
TOTAL						
Total, 16 years and over (thousands)	106,049	108,063	59,179	59,775	46,870	48,288
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	24.0	24.3	24.8	24.9	22.9	23.4
Executive, administrative, and managerial	11.3	11.4	13.2	13.2	8.8	9.1
Professional specialty	12.7	12.9	11.6	11.7	14.1	14.4
Technical, sales, and administrative support	31.0	31.5	19.7	20.1	45.3	45.5
Technicians and related support	3.1	3.1	2.9	3.0	3.3	3.3
Sales occupations	12.1	12.1	11.2	11.2	13.4	13.1
Administrative support, including clerical	15.8	16.3	5.6	5.9	28.6	29.2
Service occupations	13.5	13.7	9.4	9.9	18.8	18.4
Private household	1.0	.9	.1	.1	2.2	1.9
Protective service	1.6	1.7	2.6	2.6	.4	.5
Service, except private household and protective	10.9	11.1	6.7	7.2	16.1	16.0
Precision production, craft, and repair	12.5	12.2	20.5	20.2	2.4	2.3
Operators, fabricators, and laborers	16.0	15.7	21.0	20.8	9.6	9.4
Machine operators, assemblers, and inspectors	7.5	7.3	8.0	7.8	6.9	6.8
Transportation and material moving occupations	4.2	4.1	6.9	6.8	.8	.9
Handlers, equipment cleaners, helpers, and laborers	4.3	4.2	6.1	6.3	1.9	1.7
Farming, forestry, and fishing	3.0	2.7	4.5	4.1	1.0	.9
White						
Total, 16 years and over (thousands)	92,650	94,385	52,349	52,868	40,302	41,517
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	25.1	25.3	26.1	26.1	23.8	24.2
Executive, administrative, and managerial	11.9	12.0	14.0	14.0	9.2	9.5
Professional specialty	13.1	13.3	12.1	12.2	14.5	14.8
Technical, sales, and administrative support	31.7	31.9	20.1	20.3	46.7	46.8
Technicians and related support	3.1	3.1	3.0	3.0	3.3	3.2
Sales occupations	12.8	12.7	11.9	11.8	14.0	13.7
Administrative support, including clerical	15.8	16.2	5.3	5.5	29.4	29.8
Service occupations	12.2	12.5	8.4	8.9	17.2	17.1
Private household .....	.8	.7	(¹)	.1	1.7	1.5
Protective service	1.5	1.6	2.4	2.5	.4	.4
Service, except private household and protective	9.9	10.2	5.9	6.4	15.1	15.1
Precision production, craft, and repair	13.0	12.7	21.2	20.8	2.3	2.3
Operators, fabricators, and laborers	15.0	14.8	19.7	19.7	8.9	8.6
Machine operators, assemblers, and inspectors	7.0	6.9	7.6	7.5	6.3	6.1
Transportation and material moving occupations	4.1	4.0	6.6	6.5	.8	.9
Handlers, equipment cleaners, helpers, and laborers	3.9	3.9	5.6	5.7	1.8	1.6
Farming, forestry, and fishing	3.0	2.8	4.5	4.2	1.1	1.0
Black						
Total, 16 years and over (thousands)	10,424	10,681	5,196	5,289	5,228	5,392
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	13.9	14.4	11.1	11.8	16.7	17.0
Executive, administrative, and managerial	5.6	6.0	5.5	6.3	5.7	5.7
Professional specialty	8.3	8.4	5.6	5.5	11.0	11.3
Technical, sales, and administrative support	25.6	27.4	15.5	17.4	35.6	37.2
Technicians and related support	2.4	3.0	2.0	2.5	2.8	3.5
Sales occupations	6.7	7.1	4.5	5.7	9.0	8.5
Administrative support, including clerical	16.5	17.3	9.1	9.3	23.9	25.2
Service occupations	24.1	23.5	17.5	18.5	30.7	28.4
Private household	3.4	2.5	.1	.1	6.8	4.9
Protective service	2.6	2.8	4.2	4.7	.9	.8
Service, except private household and protective	18.2	18.2	13.2	13.6	23.1	22.7
Precision production, craft, and repair	8.5	8.8	15.1	15.3	2.1	2.4
Operators, fabricators, and laborers	25.0	24.1	35.5	33.9	14.7	14.6
Machine operators, assemblers, and inspectors	11.7	10.9	12.2	10.8	11.2	11.0
Transportation and material moving occupations	6.1	5.8	11.3	10.6	1.0	1.0
Handlers, equipment cleaners, helpers, and laborers	7.3	7.5	12.1	12.4	2.5	2.6
Farming, forestry, and fishing	2.8	1.8	5.3	3.2	.2	.4

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 1985								
	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	97,160	1,122	16,315	79,722	7,837	257	1,336	1,341	131
16 to 19 years	5,772	181	302	5,289	69	9	137	16	20
16 to 17 years	2,199	150	83	1,967	34	4	45	9	9
18 to 19 years	3,573	31	219	3,322	34	6	92	8	10
20 to 24 years	13,222	134	1,191	11,896	320	28	285	63	13
25 to 34 years	29,065	171	4,318	24,576	1,934	47	397	266	25
35 to 44 years	22,653	131	4,816	17,706	2,241	76	202	255	18
45 to 54 years	14,578	206	3,171	11,201	1,568	58	164	248	20
55 to 64 years	9,795	178	2,139	7,478	1,178	30	110	322	21
55 to 59 years	5,986	80	1,387	4,519	680	20	56	163	10
60 to 64 years	3,809	98	752	2,959	498	11	54	159	11
65 years and over	2,076	121	378	1,577	528	8	41	172	15
Men, 16 years and over	52,254	110	7,857	44,287	5,226	34	1,071	1,148	43
16 to 19 years	2,807	37	133	2,637	51	4	118	15	14
16 to 17 years	1,053	33	30	990	29	1	38	8	7
18 to 19 years	1,755	5	103	1,647	22	2	79	6	7
20 to 24 years	6,709	13	534	6,162	214	12	229	61	7
25 to 34 years	15,901	20	2,031	13,850	1,257	6	306	234	5
35 to 44 years	12,171	8	2,258	9,905	1,432	2	164	210	-
45 to 54 years	8,075	14	1,630	6,431	1,032	4	125	201	1
55 to 64 years	5,473	2	1,057	4,414	862	5	88	275	2
55 to 59 years	3,378	1	696	2,681	496	3	47	137	-
60 to 64 years	2,095	1	361	1,733	365	2	41	138	2
65 years and over	1,117	14	213	889	378	2	39	153	14
Women, 16 years and over	44,906	1,013	8,458	35,435	2,611	223	265	193	89
16 to 19 years	2,965	144	169	2,652	17	6	19	1	6
16 to 17 years	1,147	117	53	977	5	2	7	-	2
18 to 19 years	1,818	27	116	1,675	12	3	12	1	4
20 to 24 years	6,513	121	658	5,734	106	17	55	2	5
25 to 34 years	13,163	151	2,287	10,725	677	41	91	32	20
35 to 44 years	10,482	122	2,557	7,802	809	74	38	45	19
45 to 54 years	6,502	192	1,541	4,770	536	54	38	47	19
55 to 64 years	4,322	176	1,082	3,064	316	25	22	47	18
55 to 59 years	2,608	79	691	1,838	183	17	9	25	10
60 to 64 years	1,714	97	391	1,226	133	9	13	22	8
65 years and over	959	107	165	688	151	7	2	19	1

A-25. Employed civilians by industry and occupation

(In thousands)

Industry	December 1985												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations		Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical	Private household	Other service ¹		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture	2,809	42	35	32	19	93		18	51	9	35	13	2,460
Mining	883	125	91	39	16	105		3	294	33	144	33	-
Construction	6,883	790	142	36	69	428		44	4,038	95	474	765	3
Manufacturing	20,715	2,305	1,654	771	732	2,444		365	3,856	6,654	747	1,127	61
Durable goods	12,506	1,416	1,162	565	321	1,401		220	2,755	3,750	359	511	47
Nondurable goods	8,209	889	491	207	411	1,043		145	1,102	2,904	388	616	13
Transportation and public utilities	7,716	821	436	272	314	2,127		232	1,310	106	1,648	448	3
Wholesale and retail trade	22,820	1,816	412	78	9,546	2,334		4,291	1,417	294	855	1,759	19
Wholesale trade	4,229	471	58	29	1,702	789		42	297	121	440	268	11
Retail trade	18,591	1,345	354	49	7,844	1,545		4,249	1,120	173	414	1,491	7
Finance, insurance, and real estate	7,106	1,651	167	146	1,658	2,999	-	275	115	14	18	17	46
Services	33,991	3,695	10,296	1,761	662	5,691	955	7,291	1,833	700	495	359	252
Private households	1,126	-	9	3	-	12	955	75	-	-	4	40	29
Other service industries	32,865	3,695	10,287	1,758	662	5,679	-	7,216	1,834	700	491	319	223
Professional services	22,141	2,077	9,200	1,482	129	4,118		4,134	401	198	265	84	54
Public administration	5,141	1,041	710	230	21	1,375		1,315	261	28	62	54	43

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. 1984	Dec. 1985	Total		Wage and salary workers ¹			
			Dec. 1984	Dec. 1985	Paid absences		Unpaid absences	
					Dec. 1984	Dec. 1985	Dec. 1984	Dec. 1985
Total, 16 years and over	3,593	3,945	3,418	3,802	1,424	1,603	1,441	1,667
Vacation	1,044	1,447	1,017	1,418	756	974	164	295
Illness	1,354	1,220	1,313	1,190	481	417	673	663
Bad weather	189	256	121	201	(²)	(²)	(²)	(²)
Industrial dispute	46	41	46	41	(²)	(²)	(²)	(²)
All other reasons	960	981	921	951	186	212	604	708
Men, 16 years and over	1,891	2,247	1,732	2,124	760	940	641	844
Vacation	615	886	589	862	469	639	72	146
Illness	670	671	636	647	232	218	319	352
All other reasons ³	606	690	507	615	58	83	250	346
Women, 16 years and over	1,702	1,698	1,687	1,678	665	663	799	823
Vacation	429	561	427	556	287	335	92	149
Illness	684	549	677	543	249	199	353	311
All other reasons ³	589	589	581	579	128	129	354	363

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 1985					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	104,118	2,666	101,452	100.0	100.0	100.0
1 to 34 hours	25,563	872	24,691	24.6	32.7	24.3
1 to 4 hours	911	52	859	.9	2.0	.8
5 to 14 hours	4,461	225	4,236	4.3	8.4	4.2
15 to 29 hours	13,040	384	12,656	12.5	14.4	12.5
30 to 34 hours	7,151	211	6,940	6.9	7.9	6.8
35 hours and over	78,555	1,794	76,760	75.4	67.3	75.7
35 to 39 hours	7,073	124	6,949	6.8	4.7	6.8
40 hours	42,494	542	41,952	40.8	20.3	41.4
41 hours and over	28,988	1,128	27,859	27.8	42.3	27.5
41 to 48 hours	10,538	217	10,320	10.1	8.1	10.2
49 to 59 hours	10,754	353	10,401	10.3	13.2	10.3
60 hours and over	7,696	558	7,138	7.4	20.9	7.0
Average hours, total at work	38.9	41.7	38.8			
Average hours, workers on full-time schedules	43.4	48.7	43.3			

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 1985					
	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	25,563	7,230	18,334	24,691	6,875	17,818
Economic reasons	5,402	1,655	3,747	5,172	1,559	3,613
Slack work	2,424	1,395	1,029	2,256	1,299	957
Material shortages or repairs to plant and equipment	41	41	-	41	41	-
New job started during week	151	151	-	150	150	-
Job terminated during week	68	68	-	68	68	-
Could find only part-time work	2,718	-	2,718	2,655	-	2,655
Other reasons	20,161	5,574	14,587	19,519	5,315	14,204
Does not want, or unavailable for, full-time work	12,400	-	12,400	12,107	-	12,107
Vacation	1,242	1,242	-	1,231	1,231	-
Illness	1,581	1,453	128	1,555	1,427	128
Bad weather	999	999	-	840	840	-
Industrial dispute	9	9	-	9	9	-
Legal or religious holiday	351	351	-	349	349	-
Full time for this job	1,508	-	1,508	1,477	-	1,477
All other reasons	2,070	1,520	550	1,952	1,460	492
Average hours:						
Economic reasons	21.9	24.1	20.9	22.0	24.3	21.0
Other reasons	20.9	26.2	18.9	21.0	26.4	19.0
Worked 30 to 34 hours:						
Economic reasons	1,636	735	901	1,577	709	868
Other reasons	5,515	2,939	2,576	5,363	2,849	2,514

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

(Numbers in thousands)

Industry	December 1985								
	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	101,452	5,172	14,204	82,076	54,217	10,320	17,539	38.8	43.3
Wage and salary workers	93,854	4,636	12,828	76,390	51,657	9,742	14,991	38.6	42.9
Mining	819	17	12	790	444	98	248	45.2	46.1
Construction	5,376	405	289	4,682	3,378	477	827	38.8	41.6
Manufacturing	19,617	579	617	18,421	12,307	2,861	3,253	41.6	42.8
Durable goods	11,822	241	272	11,309	7,532	1,779	1,998	41.9	42.8
Nondurable goods	7,795	339	345	7,111	4,773	1,082	1,256	41.0	42.8
Transportation and public utilities	7,054	242	393	6,419	4,259	810	1,350	41.4	43.5
Wholesale and retail trade	20,259	1,548	4,862	13,849	8,403	2,022	3,424	36.5	43.9
Finance, insurance, and real estate	6,369	126	617	5,626	3,989	683	954	39.6	42.2
Service industries	29,385	1,663	5,803	21,919	15,315	2,323	4,281	36.7	42.7
Private households	1,098	217	494	387	259	33	95	25.3	46.1
All other industries	28,287	1,446	5,309	21,532	15,056	2,290	4,186	37.1	42.6
Public administration	4,975	54	236	4,685	3,563	468	654	40.7	42.1
Self-employed workers	7,341	528	1,267	5,546	2,480	571	2,495	40.9	48.2
Unpaid family workers	257	8	110	139	80	6	53	35.7	46.4

**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 1985							
	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	101,452	5,172	14,204	82,076	54,217	27,859	38.8	43.3
16 to 19 years	5,698	489	3,393	1,816	1,414	402	24.3	40.1
16 to 17 years	2,179	68	1,913	198	164	34	17.2	36.6
18 to 19 years	3,519	422	1,480	1,617	1,250	367	28.8	40.5
20 years and over	95,755	4,682	10,811	80,262	52,804	27,458	39.6	43.3
20 to 24 years	13,210	1,046	2,257	9,907	7,135	2,772	36.5	41.9
25 years and over	82,544	3,636	8,554	70,354	45,669	24,685	40.1	43.5
25 to 44 years	54,091	2,426	4,653	47,012	29,893	17,119	40.7	43.7
45 to 64 years	26,023	1,104	2,711	22,208	14,939	7,269	40.1	43.4
65 years and over	2,431	106	1,190	1,135	839	296	28.6	41.9
Men, 16 years and over	55,390	2,242	4,162	48,986	29,060	19,926	41.8	44.6
16 to 19 years	2,768	209	1,580	979	737	242	25.6	40.8
16 to 17 years	1,057	38	902	117	91	26	18.1	38.3
18 to 19 years	1,711	170	677	864	647	217	30.2	41.1
20 years and over	52,622	2,032	2,582	48,008	28,324	19,684	42.6	44.7
20 to 24 years	6,770	518	935	5,317	3,536	1,781	38.0	42.9
25 years and over	45,852	1,516	1,647	42,689	24,788	17,901	43.3	44.9
25 to 44 years	29,732	1,046	569	28,117	15,814	12,303	43.9	45.2
45 to 64 years	14,731	419	489	13,823	8,437	5,386	43.2	44.6
65 years and over	1,389	49	589	751	539	212	30.7	42.2
Women, 16 years and over	46,062	2,930	10,042	33,090	25,156	7,934	35.2	41.2
16 to 19 years	2,929	281	1,813	835	675	160	23.1	39.4
16 to 17 years	1,122	29	1,010	83	74	9	16.3	34.2
18 to 19 years	1,808	251	803	754	603	151	27.4	39.9
20 years and over	43,133	2,649	8,229	32,255	24,481	7,774	36.0	41.3
20 to 24 years	6,441	529	1,322	4,590	3,600	990	34.8	40.8
25 years and over	36,692	2,122	6,907	27,663	20,879	6,784	36.2	41.4
25 to 44 years	24,358	1,379	4,085	18,894	14,077	4,817	36.8	41.4
45 to 64 years	11,291	684	2,221	8,386	6,502	1,884	36.0	41.3
65 years and over	1,042	57	601	384	299	85	25.7	41.4
RACE								
White, 16 years and over	88,441	4,198	12,903	71,340	45,755	25,585	38.9	43.5
Men	48,870	1,824	3,736	43,310	24,820	18,490	42.0	44.9
Women	39,571	2,375	9,167	28,029	20,935	7,094	35.0	41.4
Black, 16 years and over	10,143	838	919	8,386	6,769	1,617	37.7	41.2
Men	4,973	347	309	4,317	3,331	986	39.4	42.2
Women	5,171	491	610	4,070	3,440	630	36.1	40.1
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	36,245	987	1,192	34,066	19,425	14,641	43.7	45.1
Widowed, divorced, or separated	5,331	275	222	4,834	2,901	1,933	42.3	44.6
Single (never married)	13,814	980	2,748	10,086	6,734	3,352	36.5	43.0
Women, 16 years and over:								
Married, spouse present	25,793	1,459	5,889	18,445	14,187	4,258	35.1	41.0
Widowed, divorced, or separated	8,876	669	1,085	7,122	5,256	1,866	37.6	41.8
Single (never married)	11,393	802	3,068	7,523	5,712	1,811	33.5	41.2

**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	1982	1983				1984				1985			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	835	790	838	817	789	784	820	850	853	897	891	873	891
Percent of population	37.2	35.2	37.5	36.8	35.8	35.9	37.8	39.5	39.9	41.3	41.2	40.5	41.4
Employed	432	429	417	405	414	429	473	492	503	523	537	537	528
Employment-population ratio ²	19.2	19.1	18.7	18.2	18.8	19.6	21.8	22.9	23.6	24.1	24.8	24.9	24.6
Unemployed	403	361	420	412	375	356	347	358	350	374	354	336	362
Unemployment rate	48.3	45.7	50.2	50.4	47.6	45.3	42.4	42.2	41.0	41.7	39.7	38.5	40.7
Men	50.8	46.6	51.8	52.0	44.3	45.3	41.4	41.4	42.9	42.0	39.9	39.7	42.3
Women	45.5	44.6	48.3	48.6	51.2	45.4	43.5	42.9	38.9	41.4	39.6	37.0	38.8
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	10,563	10,657	10,750	10,841	10,933	11,027	11,118	11,209	11,301	11,394	11,485	11,572	11,660
Civilian labor force	6,723	6,744	6,850	6,929	6,982	7,098	7,197	7,289	7,392	7,341	7,383	7,525	7,538
Percent of population	63.6	63.3	63.7	63.9	63.9	64.4	64.7	65.0	65.4	64.4	64.3	65.0	64.6
Employed	5,693	5,696	5,871	6,046	6,142	6,308	6,416	6,523	6,619	6,587	6,603	6,729	6,730
Employment-population ratio ²	53.9	53.5	54.6	55.8	56.2	57.2	57.7	58.2	58.6	57.8	57.5	58.1	57.7
Unemployed	1,030	1,048	980	883	839	790	781	766	772	755	779	796	808
Unemployment rate	15.3	15.5	14.3	12.7	12.0	11.1	10.9	10.5	10.4	10.3	10.6	10.6	10.7

¹ The population figures are not adjusted for seasonal variation.

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

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

and Hispanics are included in both the white and black population groups. Seasonally adjusted data have been revised based on the experience through December 1985. See the article in this issue for additional information.

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

(Numbers in thousands)

Reasons for unemployment	1982	1983				1984				1985			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
NUMBER OF UNEMPLOYED													
Job losers	7,254	6,841	6,749	6,057	5,266	4,721	4,417	4,269	4,209	4,228	4,130	4,164	4,018
On layoff	2,446	2,071	1,921	1,646	1,351	1,244	1,153	1,153	1,110	1,191	1,128	1,138	1,156
Other job losers	4,808	4,770	4,828	4,411	3,914	3,477	3,264	3,116	3,099	3,037	3,002	3,026	2,862
Job leavers	791	860	815	796	850	792	805	842	849	869	902	874	865
Reentrants	2,500	2,507	2,439	2,419	2,277	2,183	2,141	2,230	2,193	2,260	2,298	2,237	2,229
New entrants	1,284	1,193	1,288	1,229	1,155	1,164	1,157	1,087	1,034	1,058	1,070	986	1,044
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	61.3	60.0	59.8	57.7	55.1	53.3	51.8	50.6	50.8	50.2	49.2	50.4	49.3
On layoff	20.7	18.2	17.0	15.7	14.2	14.0	13.5	13.7	13.4	14.2	13.4	13.8	14.2
Other job losers	40.6	41.8	42.8	42.0	41.0	39.2	38.3	37.0	37.4	36.1	35.7	36.6	35.1
Job leavers	6.7	7.5	7.2	7.6	8.9	8.9	9.4	10.0	10.2	10.3	10.7	10.6	10.6
Reentrants	21.1	22.0	21.6	23.0	23.9	24.6	25.1	26.5	26.5	26.9	27.4	27.1	27.3
New entrants	10.9	10.5	11.4	11.7	12.1	13.1	13.6	12.9	12.5	12.6	12.7	11.9	12.8
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	6.5	6.2	6.1	5.4	4.7	4.2	3.9	3.8	3.7	3.7	3.6	3.6	3.5
Job leavers .....	.7	.8	.7	.7	.8	.7	.7	.7	.7	.8	.8	.8	.7
Reentrants	2.3	2.3	2.2	2.2	2.0	1.9	1.9	2.0	1.9	2.0	2.0	1.9	1.9
New entrants	1.2	1.1	1.2	1.1	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9

NOTE: Data have been revised based on the experience through December 1985. See the article in this issue for additional information.

**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 1985							
	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 ¹
TOTAL								
Personal factors:								
Employers think too young or old	175	6	-	40	129	151	26	7
Lacks education or training	135	9	41	82	3	86	43	9
Other personal handicap	96	1	22	60	12	72	24	15
Job-market factors:								
Could not find work	401	46	63	267	25	196	194	36
Thinks no job available	342	9	29	254	49	262	70	29
Men								
Personal factors:								
Employers think too young or old	92	6	-	23	63	75	19	4
Lacks education or training	51	4	22	21	2	29	20	4
Other personal handicap	45	-	17	21	8	31	15	8
Job-market factors:								
Could not find work	171	34	32	86	17	74	92	22
Thinks no job available	115	4	16	75	21	83	25	7
Women								
Personal factors:								
Employers think too young or old	83	-	-	17	66	76	7	3
Lacks education or training	84	5	18	60	1	57	22	5
Other personal handicap	50	1	5	39	5	41	9	7
Job-market factors:								
Could not find work	231	12	30	180	8	122	102	14
Thinks no job available	227	5	15	179	28	179	45	22

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates and are not comparable to previously published data.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-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 1984	IV 1985	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985
TOTAL												
Do not intend to seek work	52,643	52,701	5,949	5,933	17,443	16,997	29,251	29,771	45,966	45,818	5,323	5,540
Intend to seek work in the next 12 months	10,357	10,165	5,811	5,402	4,050	4,142	495	620	7,999	7,959	1,952	1,827
Never worked	1,917	1,772	1,746	1,602	160	168	10	2	1,252	1,216	563	471
Last worked over 5 years ago	1,252	1,403	71	64	1,037	1,143	144	196	884	1,030	322	332
Last worked 1 to 5 years ago	2,382	2,217	760	659	1,440	1,338	182	219	1,825	1,685	474	440
Worked during previous 12 months	4,805	4,772	3,235	3,076	1,410	1,494	159	204	4,038	4,027	593	584
Men												
Do not intend to seek work	16,235	16,554	2,332	2,307	2,838	2,905	11,065	11,342	13,881	14,168	1,916	1,958
Intend to seek work in the next 12 months	3,911	3,916	2,732	2,629	924	975	255	311	3,098	3,095	645	657
Never worked	778	824	748	795	29	29	-	-	530	584	220	202
Last worked over 5 years ago	224	249	22	12	129	153	73	84	133	152	65	80
Last worked 1 to 5 years ago	647	678	226	248	326	326	96	105	508	512	108	135
Worked during previous 12 months	2,262	2,165	1,735	1,575	440	469	86	121	1,927	1,847	253	241
Women												
Do not intend to seek work	36,409	36,147	3,617	3,627	14,606	14,092	18,186	18,429	32,085	31,650	3,407	3,582
Intend to seek work in the next 12 months	6,446	6,249	3,079	2,773	3,126	3,164	240	310	4,901	4,864	1,306	1,170
Never worked	1,139	949	999	808	131	139	10	2	722	632	343	269
Last worked over 5 years ago	1,028	1,155	48	52	908	990	71	111	751	878	257	252
Last worked 1 to 5 years ago	1,734	1,538	534	413	1,114	1,012	86	114	1,317	1,173	366	305
Worked during previous 12 months	2,543	2,607	1,500	1,501	970	1,024	73	83	2,111	2,180	340	344

**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 ¹	
	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985
TOTAL								
Civilian noninstitutional population	177,133	178,941	152,666	154,204	19,481	19,790	11,301	11,660
Civilian labor force	114,131	116,074	98,701	100,426	12,206	12,423	7,372	7,523
Percent of population	64.4	64.9	64.7	65.1	62.7	62.8	65.2	64.5
Employed	106,186	108,258	92,800	94,680	10,419	10,607	6,623	6,736
Agriculture	3,169	2,946	2,902	2,746	206	161	293	265
Nonagricultural industries	103,017	105,311	89,898	91,933	10,213	10,446	6,330	6,471
Unemployed	7,945	7,816	5,901	5,746	1,788	1,816	749	787
Unemployment rate	7.0	6.7	6.0	5.7	14.6	14.6	10.2	10.5
Not in labor force	63,001	62,867	53,965	53,778	7,275	7,367	3,929	4,137
Men, 16 years and over								
Civilian noninstitutional population	83,970	84,825	72,869	73,630	8,718	8,848	5,539	5,718
Civilian labor force	63,824	64,354	55,890	56,366	6,156	6,233	4,462	4,578
Percent of population	76.0	75.9	76.7	76.6	70.6	70.4	80.6	80.1
Employed	59,469	60,089	52,589	53,185	5,249	5,289	4,025	4,107
Agriculture	2,587	2,345	2,345	2,172	191	142	266	236
Nonagricultural industries	56,882	57,744	50,244	51,013	5,057	5,148	3,759	3,871
Unemployed	4,355	4,265	3,301	3,181	908	944	437	471
Unemployment rate	6.8	6.6	5.9	5.6	14.7	15.1	9.8	10.3
Not in labor force	20,146	20,470	16,979	17,264	2,561	2,616	1,078	1,140
Men, 20 years and over								
Civilian noninstitutional population	76,660	77,571	66,818	67,656	7,674	7,793	4,927	5,102
Civilian labor force	59,956	60,535	52,510	53,052	5,742	5,797	4,148	4,286
Percent of population	78.2	78.0	78.6	78.4	74.8	74.4	84.2	84.0
Employed	56,367	57,060	49,781	50,450	5,020	5,045	3,786	3,907
Agriculture	2,390	2,184	2,160	2,018	183	137	248	217
Nonagricultural industries	53,977	54,876	47,621	48,432	4,837	4,909	3,539	3,690
Unemployed	3,588	3,475	2,729	2,602	723	751	362	379
Unemployment rate	6.0	5.7	5.2	4.9	12.6	13.0	8.7	8.8
Not in labor force	16,705	17,037	14,308	14,604	1,931	1,997	779	816
Women, 16 years and over								
Civilian noninstitutional population	93,163	94,116	79,797	80,574	10,764	10,942	5,762	5,942
Civilian labor force	50,307	51,720	42,810	44,060	6,050	6,190	2,910	2,945
Percent of population	54.0	55.0	53.6	54.7	56.2	56.6	50.5	49.6
Employed	46,717	48,168	40,211	41,494	5,170	5,318	2,598	2,629
Agriculture	582	601	557	574	15	19	27	29
Nonagricultural industries	46,135	47,567	39,654	40,920	5,156	5,298	2,570	2,600
Unemployed	3,590	3,551	2,599	2,565	880	872	313	316
Unemployment rate	7.1	6.9	6.1	5.8	14.5	14.1	10.7	10.7
Not in labor force	42,855	42,396	36,986	36,514	4,714	4,751	2,851	2,997
Women, 20 years and over								
Civilian noninstitutional population	85,895	86,900	73,826	74,684	9,670	9,848	5,149	5,323
Civilian labor force	46,718	48,099	39,677	40,910	5,675	5,801	2,661	2,707
Percent of population	54.4	55.3	53.7	54.8	58.7	58.9	51.7	50.9
Employed	43,719	45,166	37,507	38,796	4,942	5,080	2,403	2,454
Agriculture	546	569	521	544	14	16	25	25
Nonagricultural industries	43,173	44,597	36,986	38,251	4,927	5,063	2,378	2,430
Unemployed	2,999	2,933	2,170	2,114	733	721	258	253
Unemployment rate	6.4	6.1	5.5	5.2	12.9	12.4	9.7	9.3
Not in labor force	39,177	38,801	34,149	33,775	3,996	4,047	2,488	2,616
Both sexes, 16 to 19 years								
Civilian noninstitutional population	14,577	14,470	12,022	11,864	2,137	2,149	1,225	1,234
Civilian labor force	7,458	7,441	6,514	6,465	789	826	562	530
Percent of population	51.2	51.4	54.2	54.5	36.9	38.4	45.9	42.9
Employed	6,099	6,032	5,512	5,434	458	482	433	375
Agriculture	233	194	221	184	8	8	20	24
Nonagricultural industries	5,866	5,838	5,291	5,250	449	474	413	351
Unemployed	1,358	1,409	1,002	1,030	332	344	129	155
Unemployment rate	18.2	18.9	15.4	15.9	42.0	41.7	23.0	29.3
Not in labor force	7,119	7,029	5,508	5,400	1,348	1,323	662	704

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have been revised and are not comparable to previously published data.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-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 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985
TOTAL								
Civilian noninstitutional population	11,301	11,660	6,675	6,745	1,473	1,512	828	797
Civilian labor force	7,372	7,523	4,430	4,479	798	793	555	528
Percent of population	65.2	64.5	66.4	66.4	54.2	52.4	67.0	66.2
Employed	6,623	6,736	3,980	3,983	684	683	515	498
Agriculture	293	265	274	2,444	5	5	4	1
Nonagricultural industries	6,330	6,471	3,707	3,739	679	677	511	497
Unemployed	749	787	450	496	113	111	41	31
Unemployment rate	10.2	10.5	10.2	11.1	14.2	14.0	7.3	5.8
Not in labor force	3,929	4,137	2,245	2,266	675	719	273	269
Men, 16 years and over								
Civilian noninstitutional population	5,539	5,718	3,368	3,407	658	687	403	397
Civilian labor force	4,462	4,578	2,760	2,802	480	486	315	304
Percent of population	80.6	80.1	81.9	82.2	72.9	70.7	78.2	76.6
Employed	4,025	4,107	2,489	2,497	420	424	294	286
Agriculture	266	236	248	218	5	5	4	1
Nonagricultural industries	3,759	3,871	2,241	2,279	415	419	290	285
Unemployed	437	471	271	305	60	63	21	18
Unemployment rate	9.8	10.3	9.8	10.9	12.4	12.9	6.6	6.0
Not in labor force	1,078	1,140	608	604	178	201	88	93
Men, 20 years and over								
Civilian noninstitutional population	4,927	5,102	2,969	3,040	568	584	373	368
Civilian labor force	4,148	4,286	2,543	2,605	446	448	300	294
Percent of population	84.2	84.0	85.7	85.7	78.5	76.7	80.4	79.9
Employed	3,786	3,907	2,324	2,360	396	403	281	277
Agriculture	248	217	230	2,000	5	4	4	1
Nonagricultural industries	3,539	3,690	2,093	2,160	391	399	277	276
Unemployed	362	379	220	246	50	45	19	17
Unemployment rate	8.7	8.8	8.6	9.4	11.2	10.0	6.4	5.8
Not in labor force	779	816	426	434	122	136	73	74
Women, 16 years and over								
Civilian noninstitutional population	5,762	5,942	3,308	3,339	815	825	425	400
Civilian labor force	2,910	2,945	1,670	1,677	318	307	241	224
Percent of population	50.5	49.6	50.5	50.2	39.0	37.2	56.7	56.0
Employed	2,598	2,629	1,492	1,486	264	259	221	211
Agriculture	27	29	26	26	-	-	-	-
Nonagricultural industries	2,570	2,600	1,466	1,460	264	259	221	211
Unemployed	313	316	179	191	54	48	20	13
Unemployment rate	10.7	10.7	10.7	11.4	16.9	15.7	8.2	5.7
Not in labor force	2,851	2,997	1,637	1,661	497	518	185	176
Women, 20 years and over								
Civilian noninstitutional population	5,149	5,323	2,916	2,922	736	738	403	391
Civilian labor force	2,661	2,707	1,512	1,507	290	278	225	222
Percent of population	51.7	50.9	51.9	51.6	39.4	37.7	55.8	56.8
Employed	2,403	2,454	1,365	1,366	248	238	208	209
Agriculture	25	25	24	22	-	-	-	-
Nonagricultural industries	2,378	2,430	1,340	1,344	248	238	208	209
Unemployed	258	253	148	141	42	40	17	13
Unemployment rate	9.7	9.3	9.8	9.4	14.5	14.3	7.5	5.8
Not in labor force	2,488	2,616	1,404	1,414	446	460	178	170
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,225	1,234	790	784	168	191	52	38
Civilian labor force	562	530	375	367	61	68	30	12
Percent of population	45.9	42.9	47.5	46.8	36.3	35.6	(²)	(²)
Employed	433	375	292	257	40	41	26	11
Agriculture	20	24	19	23	-	1	-	-
Nonagricultural industries	413	351	273	235	40	40	26	11
Unemployed	129	155	82	110	21	27	4	1
Unemployment rate	23.0	29.3	22.0	29.9	34.3	39.3	(²)	(²)
Not in labor force	662	704	416	417	107	123	22	25

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

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

NOTE: Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have been revised and are not comparable to previously published data.

**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 ¹	
	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985
CHARACTERISTIC								
Total (all civilian workers)	106,186	108,258	92,800	94,680	10,419	10,607	6,623	6,736
Men	59,469	60,089	52,589	53,185	5,249	5,289	4,025	4,107
Women	46,717	48,168	40,211	41,494	5,170	5,318	2,598	2,629
OCCUPATION								
Managerial and professional specialty	25,305	26,383	23,069	23,990	1,471	1,551	799	866
Executive, administrative, and managerial	11,775	12,326	10,865	11,338	605	639	414	446
Professional specialty	13,529	14,057	12,203	12,652	867	912	385	420
Technical, sales, and administrative support	32,849	33,732	29,292	29,965	2,690	2,854	1,698	1,707
Technicians and related support	3,200	3,285	2,799	2,869	265	279	146	120
Sales occupations	12,850	12,940	11,845	11,871	694	747	617	610
Administrative support, including clerical	16,799	17,507	14,648	15,225	1,731	1,827	935	977
Service occupations	14,239	14,614	11,257	11,696	2,497	2,456	1,134	1,224
Private household	1,025	986	677	685	326	281	107	114
Protective service	1,733	1,765	1,450	1,468	256	274	84	104
Service, except private household and protective	11,480	11,864	9,130	9,543	1,915	1,901	943	1,006
Precision production, craft, and repair	13,268	13,449	11,981	12,181	971	976	987	982
Mechanics and repairers	4,432	4,477	4,040	4,083	297	293	292	302
Construction trades	4,749	4,869	4,318	4,444	348	349	327	315
Other precision production, craft, and repair	4,087	4,103	3,622	3,653	326	335	368	366
Operators, fabricators, and laborers	17,132	16,956	14,161	14,001	2,509	2,540	1,681	1,665
Machine operators, assemblers, and inspectors	8,100	7,860	6,616	6,443	1,209	1,169	868	905
Transportation and material moving occupations	4,574	4,530	3,887	3,860	617	600	311	322
Handlers, equipment cleaners, helpers, and laborers	4,459	4,567	3,658	3,699	682	772	502	438
Construction laborers	637	705	528	588	102	109	82	103
Other handlers, equipment cleaners, helpers, and laborers	3,821	3,861	3,130	3,111	581	663	420	335
Farming, forestry, and fishing	3,393	3,124	3,041	2,846	281	230	323	290
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,486	1,407	1,281	1,258	174	126	263	237
Self-employed workers	1,496	1,391	1,437	1,343	30	33	29	28
Unpaid family workers	187	148	184	145	1	2	-	-
Nonagricultural industries:								
Wage and salary workers	94,906	97,054	82,358	84,276	9,861	10,091	5,985	6,133
Government	16,016	16,342	13,274	13,529	2,279	2,360	799	853
Private industries	78,890	80,712	69,084	70,747	7,582	7,730	5,185	5,280
Private households	1,238	1,204	837	850	371	327	129	120
Other industries	77,652	79,508	68,247	69,897	7,211	7,403	5,056	5,160
Self-employed workers	7,769	8,004	7,218	7,422	349	353	329	330
Unpaid family workers	342	254	322	235	3	3	17	8
FULL- AND PART-TIME STATUS²								
Full-time schedules	85,487	87,343	74,558	76,140	8,479	8,749	5,452	5,615
Part time for economic reasons	5,536	5,318	4,448	4,349	936	836	503	495
Part time for noneconomic reasons	15,162	15,597	13,794	14,191	1,003	1,022	667	626

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have been revised and are not comparable to previously published data.

² Employed persons with a job but not at work are distributed

according to whether they usually work full or part time.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(In thousands)

Category	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985
CHARACTERISTIC								
Total (all civilian workers)	6,623	6,736	3,980	3,983	684	683	515	498
Men	4,025	4,107	2,489	2,497	420	424	294	286
Women	2,598	2,629	1,492	1,486	264	259	221	211
OCCUPATION								
Managerial and professional specialty	799	866	380	407	95	96	88	105
Executive, administrative, and managerial	414	446	208	193	53	51	45	60
Professional specialty	385	420	172	215	42	45	43	45
Technical, sales, and administrative support	1,698	1,707	935	946	218	172	156	163
Technicians and related support	146	120	90	70	20	13	3	8
Sales occupations	617	610	350	347	63	56	58	49
Administrative support, including clerical	935	977	494	528	135	104	95	106
Service occupations	1,134	1,224	649	679	122	124	75	63
Private household	107	114	64	59	2	2	2	4
Protective service	84	104	41	53	21	18	8	4
Service, except private household and protective	943	1,006	545	567	98	105	65	55
Precision production, craft, and repair	987	982	657	640	60	78	72	67
Mechanics and repairers	292	302	187	198	20	18	21	19
Construction trades	327	315	230	214	21	22	17	21
Other precision production, craft, and repair	368	366	241	228	19	39	33	27
Operators, fabricators, and laborers	1,681	1,665	1,069	1,051	179	202	118	98
Machine operators, assemblers, and inspectors	868	905	510	539	107	114	67	52
Transportation and material moving occupations	311	322	203	210	35	44	17	23
Handlers, equipment cleaners, helpers, and laborers	502	438	355	302	38	44	34	23
Construction laborers	82	103	68	81	-	4	3	4
Other handlers, equipment cleaners, helpers, and laborers	420	335	287	221	37	40	31	19
Farming, forestry, and fishing	323	290	291	259	11	9	5	3
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	263	237	254	223	5	5	1	-
Self-employed workers	29	28	20	21	-	-	3	-
Unpaid family workers	-	-	-	-	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	5,985	6,133	3,509	3,554	662	650	468	460
Government	799	853	473	499	112	102	31	42
Private industries	5,185	5,280	3,037	3,055	550	548	437	418
Private households	129	120	78	63	2	2	2	4
Other industries	5,056	5,160	2,959	2,992	548	546	435	414
Self-employed workers	329	330	189	179	14	27	40	38
Unpaid family workers	17	8	8	6	3	-	3	-
FULL- AND PART-TIME STATUS²								
Full-time schedules	5,452	5,615	3,248	3,284	586	573	424	435
Part time for economic reasons	503	495	354	353	39	31	25	22
Part time for noneconomic reasons	667	626	379	346	58	79	66	40

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

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

NOTE: Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have been revised and are not comparable to previously published data.

**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 ¹	
	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985
Total, 16 years and over	106,186	108,258	92,800	94,680	10,419	10,607	6,623	6,736
16 to 19 years	6,099	6,032	5,512	5,434	458	482	433	375
16 to 17 years	2,281	2,299	2,107	2,115	131	143	138	101
18 to 19 years	3,818	3,734	3,405	3,320	326	339	295	274
20 to 24 years	14,266	13,952	12,381	12,215	1,521	1,415	1,068	1,116
25 years and over	85,820	88,273	74,907	77,030	8,440	8,710	5,122	5,245
25 to 54 years	71,502	73,851	62,073	64,189	7,261	7,442	4,576	4,654
55 years and over	14,318	14,422	12,835	12,842	1,179	1,267	546	590
Men, 16 years and over	59,469	60,089	52,589	53,185	5,249	5,289	4,025	4,107
16 to 19 years	3,101	3,030	2,808	2,736	229	244	239	200
16 to 17 years	1,146	1,157	1,060	1,066	62	72	76	57
18 to 19 years	1,955	1,873	1,748	1,669	167	171	162	143
20 to 24 years	7,529	7,269	6,542	6,349	804	746	643	689
25 years and over	48,839	49,791	43,239	44,100	4,216	4,299	3,144	3,218
25 to 54 years	40,426	41,287	35,581	36,426	3,647	3,646	2,806	2,853
55 years and over	8,413	8,504	7,659	7,674	568	652	338	365
Women, 16 years and over	46,717	48,168	40,211	41,494	5,170	5,318	2,598	2,629
16 to 19 years	2,998	3,003	2,704	2,699	229	238	194	175
16 to 17 years	1,135	1,142	1,047	1,048	70	71	62	44
18 to 19 years	1,863	1,861	1,657	1,650	159	167	132	131
20 to 24 years	6,737	6,683	5,840	5,866	718	669	426	427
25 years and over	36,982	38,483	31,668	32,930	4,224	4,411	1,978	2,027
25 to 54 years	31,075	32,564	26,492	27,763	3,614	3,796	1,770	1,801
55 years and over	5,907	5,919	5,176	5,168	611	615	208	225

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have been revised and are not comparable to previously published data.

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

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

(Civilian workers)

Sex and age	Total		White		Black		Hispanic origin ¹	
	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985
Total, 16 years and over	7.0	6.7	6.0	5.7	14.6	14.6	10.2	10.5
16 to 19 years	18.2	18.9	15.4	15.9	42.0	41.7	23.0	29.3
16 to 17 years	19.6	21.3	17.3	18.4	45.1	48.0	27.5	39.8
18 to 19 years	17.3	17.4	14.2	14.3	40.7	38.5	20.6	24.4
20 to 24 years	10.5	10.3	8.5	8.3	23.3	24.1	12.5	12.1
25 years and over	5.4	5.2	4.8	4.5	10.5	10.5	8.4	8.4
25 to 54 years	5.7	5.4	4.9	4.7	11.0	11.3	8.3	8.3
55 years and over	4.2	3.7	3.9	3.6	7.4	5.4	9.3	8.5
Men, 16 years and over	6.8	6.6	5.9	5.6	14.7	15.1	9.8	10.3
16 to 19 years	19.8	20.7	16.9	17.5	44.7	44.1	23.8	31.5
16 to 17 years	20.8	22.3	18.8	19.5	45.7	47.8	29.7	38.4
18 to 19 years	19.2	19.7	15.7	16.1	44.3	42.3	20.7	28.3
20 to 24 years	10.8	10.5	9.0	8.9	22.5	21.6	13.0	12.7
25 years and over	5.2	5.0	4.6	4.3	10.4	11.3	7.8	8.0
25 to 54 years	5.4	5.2	4.7	4.4	10.6	12.1	7.6	8.0
55 years and over	4.3	3.9	3.9	3.7	9.0	6.4	9.6	8.1
Women, 16 years and over	7.1	6.9	6.1	5.8	14.5	14.1	10.7	10.7
16 to 19 years	16.5	17.1	13.7	14.3	39.1	38.9	21.9	26.5
16 to 17 years	18.4	20.3	15.7	17.2	44.6	48.1	24.8	41.5
18 to 19 years	15.3	15.0	12.4	12.4	36.3	34.0	20.5	19.6
20 to 24 years	10.2	10.2	8.0	7.7	24.2	26.7	11.7	11.2
25 years and over	5.7	5.4	5.0	4.7	10.7	9.8	9.3	8.9
25 to 54 years	6.0	5.7	5.2	4.9	11.4	10.6	9.3	8.9
55 years and over	4.0	3.5	3.8	3.4	5.9	4.3	8.8	9.3

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have

been revised and are not comparable to previously published data.

**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 ¹	
	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985
DURATION								
Total, 16 years and over	7,945	7,816	5,901	5,746	1,788	1,816	749	787
Less than 5 weeks	3,267	3,289	2,492	2,507	663	674	337	351
5 to 14 weeks	2,428	2,481	1,802	1,837	549	559	235	262
15 weeks and over	2,250	2,047	1,606	1,402	575	583	177	174
15 to 26 weeks	939	899	685	633	211	240	84	88
27 weeks and over	1,312	1,147	920	769	364	343	92	86
Average (mean) duration, in weeks	16.8	15.4	16.1	14.4	19.6	18.5	13.7	12.4
Median duration, in weeks	7.0	6.7	6.7	6.3	7.1	7.4	6.3	6.3
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	41.1	42.1	42.2	43.6	37.1	37.1	45.0	44.6
5 to 14 weeks	30.6	31.7	30.5	32.0	30.7	30.8	31.4	33.3
15 weeks and over	28.3	26.2	27.2	24.4	32.2	32.1	23.6	22.1
15 to 26 weeks	11.8	11.5	11.6	11.0	11.8	13.2	11.2	11.2
27 weeks and over	16.5	14.7	15.6	13.4	20.4	18.9	12.3	10.9

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have been revised and are not comparable to previously published data.

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

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

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin ¹	
	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985
NUMBER OF UNEMPLOYED								
Total, 16 years and over	7,945	7,816	5,901	5,746	1,788	1,816	749	787
Job losers	4,063	3,877	3,118	2,904	826	855	403	441
On layoff	1,022	1,064	882	911	117	135	99	111
Other job losers	3,042	2,813	2,236	1,994	708	720	304	331
Job leavers	862	882	701	725	126	140	75	85
Reentrants	2,118	2,149	1,515	1,529	531	542	174	157
New entrants	902	910	567	588	305	280	98	100
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	51.1	49.6	52.8	50.5	46.2	47.1	53.7	56.1
On layoff	12.9	13.6	15.0	15.8	6.6	7.4	13.2	14.1
Other job losers	38.3	36.0	37.9	34.7	39.6	39.7	40.5	42.0
Job leavers	10.8	11.3	11.9	12.6	7.0	7.7	10.0	10.8
Reentrants	26.7	27.5	25.7	26.6	29.7	29.8	23.2	19.9
New entrants	11.3	11.6	9.6	10.2	17.1	15.4	13.1	12.7
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	3.6	3.3	3.2	2.9	6.8	6.9	5.5	5.9
Job leavers .....	.8	.8	.7	.7	1.0	1.1	1.0	1.1
Reentrants	1.9	1.9	1.5	1.5	4.3	4.4	2.4	2.1
New entrants .....	.8	.8	.6	.6	2.5	2.3	1.3	1.3

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have been revised and are not comparable to previously published data.

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

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 1984	IV 1985	Total		Employed		Unemployed			
			IV 1984	IV 1985	IV 1984	IV 1985	Number		Percent of labor force	
							IV 1984	IV 1985	IV 1984	IV 1985
VIETNAM-ERA VETERANS										
Total, 30 years and over	7,528	7,681	7,059	7,174	6,699	6,817	361	357	5.1	5.0
30 to 44 years	6,495	6,458	6,256	6,219	5,929	5,901	328	317	5.2	5.1
35 to 39 years	1,567	1,298	1,506	1,249	1,391	1,156	116	93	7.7	7.4
40 to 44 years	3,362	3,247	3,263	3,136	3,111	2,974	152	162	4.7	5.2
45 years and over	1,546	1,913	1,487	1,834	1,427	1,771	60	63	4.0	3.4
.....	1,033	1,223	803	955	770	915	33	40	4.1	4.2
NONVETERANS										
Total, 30 to 44 years	16,620	17,615	15,780	16,697	14,996	15,862	784	835	5.0	5.0
30 to 34 years	7,622	8,064	7,264	7,684	6,873	7,273	391	411	5.4	5.3
35 to 39 years	4,848	5,208	4,602	4,924	4,380	4,700	222	224	4.8	4.5
40 to 44 years	4,150	4,344	3,914	4,089	-	3,889	171	200	4.4	4.9

NOTE: Male Vietnam-era veterans are men who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are men who have never served in the Armed Forces; published data are limited to those 30 to 44 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population. Data for

25- to 29-year-old veterans are no longer shown in this table because the group is rapidly disappearing (into the 30-34 age category) and the numbers remaining for some labor force categories are not large enough to warrant their continued publication.

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 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985	IV 1984	IV 1985
TOTAL, 30 to 44 years												
Civilian noninstitutional population	5,799	5,750	592	607	(¹)	265	14,172	15,153	1,766	1,807	(¹)	1,490
Civilian labor force	5,617	5,562	542	568	(¹)	245	13,584	14,504	1,568	1,588	(¹)	1,376
Employed	5,349	5,309	493	514	(¹)	230	13,001	13,891	1,409	1,401	(¹)	1,261
Unemployed	268	253	50	54	(¹)	15	583	613	160	188	(¹)	115
Unemployment rate	4.8	4.5	9.2	9.5	(¹)	6.1	4.3	4.2	10.2	11.8	(¹)	8.4
30 to 34 years												
Civilian noninstitutional population	1,363	1,134	181	143	(¹)	60	6,540	6,962	793	838	(¹)	659
Civilian labor force	1,320	1,096	165	136	(¹)	54	6,293	6,714	706	732	(¹)	618
Employed	1,228	1,026	147	119	(¹)	46	5,997	6,418	626	631	(¹)	565
Unemployed	91	71	18	17	(¹)	8	296	295	80	102	(¹)	53
Unemployment rate	6.9	6.5	10.9	12.5	(¹)	(¹)	4.7	4.4	11.3	13.9	(¹)	8.6
35 to 39 years												
Civilian noninstitutional population	3,048	2,892	279	307	(¹)	140	4,096	4,492	524	505	(¹)	459
Civilian labor force	2,955	2,804	258	289	(¹)	131	3,924	4,274	469	450	(¹)	423
Employed	2,825	2,673	238	261	(¹)	124	3,764	4,113	425	398	(¹)	382
Unemployed	130	130	19	29	(¹)	7	159	161	45	52	(¹)	41
Unemployment rate	4.4	4.6	7.4	10.0	(¹)	5.3	4.1	3.8	9.6	11.6	(¹)	9.7
40 to 44 years												
Civilian noninstitutional population	1,388	1,724	132	157	(¹)	65	3,536	3,699	449	464	(¹)	372
Civilian labor force	1,342	1,662	119	143	(¹)	60	3,367	3,516	393	406	(¹)	335
Employed	1,296	1,610	108	134	(¹)	60	3,240	3,360	358	372	(¹)	314
Unemployed	47	52	13	8	(¹)	-	128	157	35	34	(¹)	21
Unemployment rate	3.5	3.1	10.9	5.6	(¹)	(¹)	3.8	4.5	8.9	8.4	(¹)	6.3

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised data are not available for 1984.

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

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 never served in the Armed Forces; published data are limited to those 30 to 44 years of age, the group that most closely corresponds to

the bulk of the Vietnam-era veteran population. Data for 25- to 29-year-old veterans are no longer shown in this table because the group is rapidly disappearing (into the 30-34 age category) and the numbers remaining for some labor force categories are not large enough to warrant their continued publication. 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 1984					IV 1985				
	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	62,194	5,922	30.6	69.4	60.0	62,915	5,890	30.1	69.9	60.7
With children under 18 years of age	30,955	3,541	32.7	67.3	57.8	31,416	3,571	32.1	67.9	58.4
Married-couple families	50,082	4,169	22.3	77.7	68.4	50,424	4,139	21.3	78.7	69.6
With children under 18 years of age	24,248	2,556	21.4	78.6	69.0	24,386	2,554	20.0	80.0	70.4
Families maintained by women	9,788	1,443	52.1	47.9	37.6	10,055	1,405	52.8	47.2	37.2
With children under 18 years of age	5,875	881	62.4	37.6	28.4	6,134	887	63.5	36.5	27.5
Families maintained by men	2,324	310	41.9	58.1	51.3	2,436	347	42.8	57.2	49.1
With children under 18 years of age	832	105	61.0	39.0	31.4	897	130	56.2	43.8	34.6
White										
Total families	53,941	4,526	27.9	72.1	62.8	54,402	4,439	27.0	73.0	63.7
With children under 18 years of age	26,014	2,660	29.1	70.9	61.4	26,388	2,661	27.6	72.4	62.6
Married-couple families	45,434	3,516	22.4	77.6	68.5	45,625	3,424	21.0	79.0	69.9
With children under 18 years of age	21,583	2,132	21.6	78.4	69.1	21,690	2,088	19.1	80.9	71.0
Families maintained by women	6,694	796	48.6	51.4	40.7	6,841	758	49.5	50.5	40.1
With children under 18 years of age	3,781	451	59.4	40.6	30.4	3,978	474	58.9	41.1	31.4
Families maintained by men	1,814	214	41.8	58.2	51.2	1,935	257	40.9	59.1	50.2
With children under 18 years of age	650	77	58.4	41.6	32.5	719	99	55.6	44.4	35.4
Black										
Total families	6,655	1,201	40.1	59.9	49.9	6,913	1,256	40.5	59.5	50.8
With children under 18 years of age	3,930	755	44.6	55.4	45.4	4,053	779	47.0	53.0	44.9
Married-couple families	3,394	512	19.7	80.3	69.7	3,537	572	22.4	77.6	68.9
With children under 18 years of age	1,830	326	16.9	83.1	70.8	1,885	362	23.1	76.9	68.3
Families maintained by women	2,858	614	56.2	43.8	33.7	2,970	613	56.6	43.4	34.4
With children under 18 years of age	1,944	406	65.3	34.7	26.6	2,015	392	68.8	31.2	23.5
Families maintained by men	403	76	48.0	52.0	45.3	407	71	46.5	53.5	47.9
With children under 18 years of age	156	23	(¹)	(¹)	(¹)	152	25	(¹)	(¹)	(¹)
Hispanic origin										
Total families	(²)	(²)	(²)	(²)	(²)	4,026	571	33.1	66.9	58.1
With children under 18 years of age	(²)	(²)	(²)	(²)	(²)	2,663	378	35.4	64.6	55.8
Married-couple families	(²)	(²)	(²)	(²)	(²)	2,817	396	24.0	76.0	67.2
With children under 18 years of age	(²)	(²)	(²)	(²)	(²)	1,859	278	24.1	75.9	67.3
Families maintained by women	(²)	(²)	(²)	(²)	(²)	972	129	57.0	43.0	36.7
With children under 18 years of age	(²)	(²)	(²)	(²)	(²)	707	84	65.1	34.9	27.7
Families maintained by men	(²)	(²)	(²)	(²)	(²)	238	46	43.5	56.5	43.5
With children under 18 years of age	(²)	(²)	(²)	(²)	(²)	97	16	75.0	25.0	6.3

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

² Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised data are not available for 1984.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Family relationship, race, and Hispanic origin	IV 1984				IV 1985			
	Total	Percent of unemployed:			Total	Percent of unemployed:		
		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total unemployed in families ¹	6,676	33.2	66.8	57.7	6,505	32.5	67.5	58.1
Husbands	1,610	43.9	56.1	41.4	1,529	42.7	57.3	43.0
With children under 18 years of age	1,028	46.9	53.1	37.2	979	45.1	54.9	38.6
Wives	1,405	18.2	81.8	75.0	1,356	16.7	83.3	76.1
With children under 18 years of age	920	17.2	82.8	75.8	909	15.3	84.7	77.2
Relatives in married-couple families	1,636	12.5	87.5	82.1	1,654	12.9	87.1	81.1
Women who maintain families	622	83.2	16.8	10.2	613	83.4	16.6	11.0
With children under 18 years of age	511	91.0	9.0	3.4	524	90.5	9.5	5.3
Relatives in families maintained by women	1,050	35.6	64.4	52.2	966	35.0	65.0	51.9
Men who maintain families	135	69.6	30.4	24.1	146	72.1	27.9	21.2
With children under 18 years of age	63	91.7	8.3	4.9	81	88.1	11.9	5.5
Relatives in families maintained by men	219	28.1	71.9	65.1	241	28.6	71.4	62.6
White								
Total unemployed in families ¹	4,971	30.5	69.5	60.3	4,785	29.3	70.7	61.2
Husbands	1,368	44.8	55.2	40.6	1,263	42.3	57.7	42.3
With children under 18 years of age	859	48.3	51.7	36.1	788	43.9	56.1	38.6
Wives	1,187	17.6	82.4	75.8	1,144	15.6	84.4	78.0
With children under 18 years of age	767	16.9	83.1	76.3	746	13.4	86.6	80.0
Relatives in married-couple families	1,314	11.7	88.3	82.8	1,287	12.0	88.0	82.2
Women who maintain families	329	79.2	20.8	12.5	338	78.9	21.1	13.8
With children under 18 years of age	257	88.3	11.7	3.1	275	88.9	11.1	5.3
Relatives in families maintained by women	541	33.5	66.5	55.3	475	31.8	68.2	54.9
Men who maintain families	98	68.6	31.4	26.6	109	71.7	28.3	20.0
With children under 18 years of age	46	(²)	(²)	(²)	62	87.8	12.2	5.2
Relatives in families maintained by men	134	24.8	75.2	67.3	169	22.7	77.3	67.9
Black								
Total unemployed in families ¹	1,492	41.7	58.3	48.7	1,504	42.5	57.5	49.0
Husbands	181	32.9	67.1	50.9	213	43.3	56.7	48.4
With children under 18 years of age	123	34.4	65.6	45.7	148	48.9	51.1	40.6
Wives	174	22.8	77.2	67.8	167	21.8	78.2	66.5
With children under 18 years of age	121	19.9	80.1	70.1	128	24.7	75.3	64.5
Relatives in married-couple families	275	15.6	84.4	79.1	305	16.8	83.2	77.1
Women who maintain families	278	87.6	12.4	7.9	258	89.3	10.7	7.5
With children under 18 years of age	240	93.5	6.5	3.8	235	92.6	7.4	5.4
Relatives in families maintained by women	489	38.4	61.6	48.2	473	38.5	61.5	49.1
Men who maintain families	28	(²)	(²)	(²)	27	(²)	(²)	(²)
With children under 18 years of age	14	(²)	(²)	(²)	13	(²)	(²)	(²)
Relatives in families maintained by men	68	39.1	60.9	54.9	59	(²)	(²)	(²)
Hispanic origin								
Total unemployed in families ¹	(³)	(³)	(³)	(³)	659	33.2	66.8	57.8
Husbands	(³)	(³)	(³)	(³)	156	45.9	54.1	41.6
With children under 18 years of age	(³)	(³)	(³)	(³)	119	51.7	48.3	36.4
Wives	(³)	(³)	(³)	(³)	123	16.7	83.3	75.0
With children under 18 years of age	(³)	(³)	(³)	(³)	85	16.4	83.6	77.6
Relatives in married-couple families	(³)	(³)	(³)	(³)	188	11.3	88.7	81.5
Women who maintain families	(³)	(³)	(³)	(³)	57	(³)	(³)	(³)
With children under 18 years of age	(³)	(³)	(³)	(³)	45	(³)	(³)	3.8
Relatives in families maintained by women	(³)	(³)	(³)	(³)	83	40.8	59.2	48.9
Men who maintain families	(³)	(³)	(³)	(³)	25	(³)	(³)	(³)
With children under 18 years of age	(³)	(³)	(³)	(³)	12	(³)	(³)	(³)
Relatives in families maintained by men	(³)	(³)	(³)	(³)	27	(³)	(³)	(³)

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

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

³ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised data are not available for 1984.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Family relationship, race, and Hispanic origin	IV 1984				IV 1985			
	Total	Percent of employed:			Total	Percent of employed:		
		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 employed in families ¹	87,558	24.0	76.0	64.4	88,878	23.3	76.7	65.0
Husbands	37,942	32.6	67.4	48.7	38,167	31.2	68.8	49.9
With children under 18 years of age	22,170	34.7	65.3	43.6	22,413	32.9	67.1	44.8
Wives	25,593	9.1	90.9	86.1	26,466	8.8	91.2	86.3
With children under 18 years of age	13,974	5.5	94.5	90.8	14,569	4.9	95.1	91.1
Relatives in married-couple families	11,662	6.7	93.3	89.3	11,572	7.0	93.0	88.7
Women who maintain families	5,326	63.0	37.0	24.0	5,492	63.8	36.2	23.8
With children under 18 years of age	3,467	79.4	20.6	9.1	3,637	79.2	20.8	9.9
Relatives in families maintained by women	4,096	25.2	74.8	64.5	4,183	24.9	75.1	65.1
Men who maintain families	1,618	52.7	47.3	34.9	1,697	53.7	46.3	34.4
With children under 18 years of age	704	80.8	19.2	10.3	729	80.2	19.8	10.1
Relatives in families maintained by men	1,322	18.5	81.5	74.0	1,301	17.9	82.1	75.2
White								
Total employed in families ¹	77,013	23.4	76.6	64.6	78,139	22.7	77.3	65.2
Husbands	34,543	33.1	66.9	47.6	34,691	31.6	68.4	48.9
With children under 18 years of age	19,896	35.4	64.6	41.9	20,121	33.5	66.5	43.2
Wives	22,936	8.7	91.3	86.6	23,665	8.4	91.6	86.7
With children under 18 years of age	12,317	5.0	95.0	91.5	12,848	4.5	95.5	91.7
Relatives in married-couple families	10,394	6.8	93.2	89.4	10,371	6.9	93.1	88.9
Women who maintain families	3,801	59.9	40.1	25.4	3,879	61.1	38.9	25.0
With children under 18 years of age	2,433	77.3	22.7	9.0	2,557	77.0	23.0	10.3
Relatives in families maintained by women	3,008	25.4	74.6	64.6	3,091	25.2	74.8	65.1
Men who maintain families	1,281	52.0	48.0	35.4	1,387	52.7	47.3	35.4
With children under 18 years of age	559	79.3	20.7	10.0	591	79.6	20.4	10.7
Relatives in families maintained by men	1,051	17.5	82.5	75.3	1,055	17.4	82.6	75.4
Black								
Total employed in families ¹	8,089	29.7	70.3	61.2	8,280	29.9	70.1	61.1
Husbands	2,437	25.5	74.5	62.0	2,499	25.7	74.3	61.5
With children under 18 years of age	1,577	25.4	74.6	61.8	1,607	25.1	74.9	61.7
Wives	1,961	14.0	86.0	80.7	2,017	12.9	87.1	81.6
With children under 18 years of age	1,200	9.3	90.7	85.3	1,217	8.2	91.8	86.1
Relatives in married-couple families	866	6.5	93.5	87.5	859	9.4	90.6	86.7
Women who maintain families	1,406	71.6	28.4	19.8	1,495	71.1	28.9	20.3
With children under 18 years of age	961	84.4	15.6	9.1	1,016	84.3	15.7	6.7
Relatives in families maintained by women	967	25.3	74.7	63.5	969	24.5	75.5	64.5
Men who maintain families	267	59.2	40.8	30.7	251	60.4	39.6	26.3
With children under 18 years of age	130	87.5	12.5	10.7	123	82.5	17.5	7.4
Relatives in families maintained by men	184	24.5	75.5	68.5	190	21.7	78.3	72.2
Hispanic origin								
Total employed in families ¹	(²)	(²)	(²)	(²)	5,460	28.1	71.9	62.6
Husbands	(²)	(²)	(²)	(²)	2,231	40.7	59.3	46.7
With children under 18 years of age	(²)	(²)	(²)	(²)	1,621	44.1	55.9	42.2
Wives	(²)	(²)	(²)	(²)	1,331	9.7	90.3	83.8
With children under 18 years of age	(²)	(²)	(²)	(²)	860	6.5	93.5	86.8
Relatives in married-couple families	(²)	(²)	(²)	(²)	783	7.3	92.7	87.6
Women who maintain families	(²)	(²)	(²)	(²)	419	61.9	38.1	27.7
With children under 18 years of age	(²)	(²)	(²)	(²)	305	75.3	24.7	16.9
Relatives in families maintained by women	(²)	(²)	(²)	(²)	371	23.1	76.9	67.9
Men who maintain families	(²)	(²)	(²)	(²)	168	46.3	53.7	46.0
With children under 18 years of age	(²)	(²)	(²)	(²)	72	75.3	24.7	22.9
Relatives in families maintained by men	(²)	(²)	(²)	(²)	157	10.4	89.6	81.5

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

² Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised data are not available for 1984.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

Type of family, number of earners, race, and Hispanic origin	Number of families (in thousands)		Median weekly earnings	
	IV 1984	IV 1985	IV 1984	IV 1985
TOTAL				
Total families with earners ¹	41,403	41,775	\$514	\$534
Married-couple families	33,599	33,741	569	594
One earner	13,193	12,840	378	385
Husband	10,314	9,862	425	446
Wife	2,166	2,185	204	211
Other family member	713	793	215	202
Two or more earners	20,406	20,901	696	729
Husband and wife	17,646	18,185	702	739
Husband and other family member(s)	2,164	2,091	702	709
Wife and other family member(s)	463	475	437	446
Other family members only	132	150	422	535
Families maintained by women	6,116	6,330	288	304
One earner	4,214	4,343	227	238
Householder	3,275	3,418	238	247
Other family member	940	926	188	199
Two or more earners	1,902	1,987	479	495
Families maintained by men	1,688	1,703	452	448
One earner	1,008	994	359	347
Two or more earners	681	709	640	620
White				
Total families with earners ¹	35,678	36,005	532	558
Married-couple families	30,082	30,170	577	603
One earner	11,946	11,628	386	397
Husband	9,465	9,070	436	460
Wife	1,839	1,863	206	212
Two or more earners	18,136	18,542	703	738
Husband and wife	15,648	16,086	708	748
Families maintained by women	4,323	4,501	306	325
Families maintained by men	1,273	1,334	473	473
Black				
Total families with earners ¹	4,599	4,713	381	378
Married-couple families	2,624	2,700	478	491
One earner	882	869	273	249
Husband	554	536	333	287
Wife	282	255	188	201
Two or more earners	1,743	1,832	611	619
Husband and wife	1,555	1,638	622	641
Families maintained by women	1,641	1,709	242	256
Families maintained by men	334	304	406	362
Hispanic origin				
Total families with earners ¹	(²)	2,855	(²)	402
Married-couple families	(²)	2,189	(²)	438
One earner	(²)	995	(²)	278
Husband	(²)	843	(²)	292
Wife	(²)	99	(²)	(²)
Two or more earners	(²)	1,194	(²)	617
Husband and wife	(²)	950	(²)	634
Families maintained by women	(²)	490	(²)	284
Families maintained by men	(²)	175	(²)	353

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 on Hispanic families for 1984 are not available on a revised basis that reflects the adjustments to the population totals introduced in January 1985.

³ Data not shown where base is less than 100,000.

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

procedures and may differ slightly from previously published data.

Moreover, data on median weekly earnings are now derived using \$50 centered intervals rather than the \$10 intervals previously used; data for 1984 have been recalculated. 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	
	IV 1984	IV 1985	IV 1984	IV 1985
Married-couple families ¹	2,881	2,818	\$381	\$379
Husband unemployed	856	778	218	213
Wife only earner	686	617	206	203
Wife and other earner(s)	97	95	(²)	(²)
Other earner(s) only	73	66	(²)	(²)
Wife unemployed	1,032	987	383	393
Husband only earner	850	830	359	348
Husband and other earner(s)	159	145	566	610
Other earner(s) only	23	11	(²)	(²)
Other member(s) unemployed	992	1,053	586	542
Husband or wife earner	444	442	471	409
Both husband and wife earners	511	542	739	748
Other combinations of earners	37	70	(²)	(²)
Families maintained by women ¹	705	638	242	265
Householder unemployed	115	89	169	(²)
Other member(s) unemployed	590	549	257	265
Families maintained by men ¹	173	207	394	334

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 may differ slightly from previously published data. Moreover, data on median weekly earnings are now derived using \$50 centered intervals rather than the \$10 intervals previously used; data for 1984 have been recalculated.

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	IV 1984	IV 1985	IV 1984	IV 1985
SEX AND AGE				
Total, 16 years and over	75,839	77,258	\$335	\$351
Men, 16 years and over	45,186	45,683	400	413
16 to 24 years	6,802	6,646	241	251
25 years and over	38,384	39,037	429	450
Women, 16 years and over	30,654	31,575	270	283
16 to 24 years	5,505	5,424	207	212
25 years and over	25,149	26,151	288	300
FAMILY RELATIONSHIP				
Husbands	30,455	30,489	440	464
Wives	16,400	16,719	277	289
Women who maintain families	4,133	4,263	271	288
Men who maintain families	1,304	1,347	391	393
Other persons in families:				
Men	5,853	6,007	239	249
Women	3,855	4,037	214	217
All other men ¹	7,575	7,838	372	388
All other women ¹	6,264	6,559	292	309
RACE AND HISPANIC ORIGIN				
White	65,390	66,504	346	364
Men	39,630	40,027	409	424
Women	25,760	26,476	273	287
Black	8,250	8,535	273	281
Men	4,339	4,414	306	307
Women	3,911	4,122	247	255
Hispanic origin	(²)	5,289	(²)	271
Men	(²)	3,379	(²)	299
Women	(²)	1,910	(²)	231

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 and persons in unrelated subfamilies.

² Data on Hispanic wage and salary earners for 1984 are not available on a revised basis that reflects the adjustments to the population totals introduced in January 1985.

NOTE: Data on median weekly earnings are now derived using \$50 centered intervals rather than the \$10 intervals previously used; data for 1984 have been recalculated. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	IV 1984	IV 1985	IV 1984	IV 1985
SEX AND AGE				
Total, 16 years and over	17,651	18,313	\$92	\$95
Men, 16 years and over	5,445	5,537	89	87
16 to 24 years	3,306	3,249	72	71
25 years and over	2,140	2,288	117	118
Women, 16 years and over	12,206	12,776	93	98
16 to 24 years	4,023	4,097	68	72
25 years and over	8,182	8,679	106	111
FAMILY RELATIONSHIP				
Husbands	1,300	1,434	116	128
Wives	6,431	6,824	108	113
Women who maintain families	845	931	96	102
Men who maintain families	108	86	139	(')
Other persons in families:				
Men	3,159	3,002	71	69
Women	3,281	3,322	63	68
All other men ²	878	1,015	113	105
All other women ²	1,649	1,700	97	102
RACE AND HISPANIC ORIGIN				
White	15,493	16,251	92	95
Men	4,651	4,814	88	87
Women	10,842	11,437	94	99
Black	1,733	1,636	92	90
Men	607	571	97	82
Women	1,126	1,065	89	93
Hispanic origin	(')	996	(')	99
Men	(')	394	(')	100
Women	(')	602	(')	99

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

² 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 and persons in unrelated subfamilies.

³ Data on Hispanic wage and salary earners for 1984 are not available on a revised basis that reflects the adjustments to the

population totals introduced in January 1985.

NOTE: Data on median weekly earnings are now derived using \$50 centered intervals rather than the \$10 intervals previously used; data for 1984 have been recalculated. 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-75. Median weekly earnings of full-time wage and salary workers by occupation and sex

Occupation and sex	Number of workers (in thousands)		Median weekly earnings	
	IV 1984	IV 1985	IV 1984	IV 1985
TOTAL				
Managerial and professional specialty	18,994	19,755	\$484	\$493
Executive, administrative, and managerial	9,050	9,499	493	497
Professional specialty	9,944	10,256	476	490
Technical, sales, and administrative support	23,007	23,700	300	312
Technicians and related support	2,597	2,758	383	404
Sales occupations	7,180	7,222	318	350
Administrative support, including clerical	13,230	13,720	279	292
Service occupations	7,437	7,723	213	217
Private household	338	339	141	140
Protective service	1,469	1,511	379	384
Service, except private household and protective	5,630	5,872	200	204
Precision production, craft, and repair	10,856	11,006	387	402
Mechanics and repairers	3,786	3,916	389	409
Construction trades	3,394	3,490	386	396
Other precision production, craft, and repair	3,676	3,600	384	401
Operators, fabricators, and laborers	14,205	13,953	291	297
Machine operators, assemblers, and inspectors	7,456	7,028	280	290
Transportation and material moving occupations	3,736	3,597	356	357
Handlers, equipment cleaners, helpers, and laborers	3,014	3,328	258	257
Farming, forestry, and fishing	1,341	1,121	205	218
Men				
Managerial and professional specialty	11,129	11,267	573	587
Executive, administrative, and managerial	5,812	5,876	581	593
Professional specialty	5,317	5,391	559	581
Technical, sales, and administrative support	8,662	8,970	407	426
Technicians and related support	1,453	1,573	451	466
Sales occupations	4,277	4,355	406	434
Administrative support, including clerical	2,932	3,043	386	401
Service occupations	3,688	3,927	267	276
Private household	15	1	(¹)	(¹)
Protective service	1,319	1,378	395	397
Service, except private household and protective	2,354	2,548	220	233
Precision production, craft, and repair	10,023	10,092	396	412
Mechanics and repairers	3,672	3,750	391	409
Construction trades	3,349	3,453	387	397
Other precision production, craft, and repair	3,002	2,889	416	437
Operators, fabricators, and laborers	10,449	10,445	322	327
Machine operators, assemblers, and inspectors	4,456	4,309	327	345
Transportation and material moving occupations	3,528	3,381	361	367
Handlers, equipment cleaners, helpers, and laborers	2,465	2,754	270	269
Farming, forestry, and fishing	1,235	982	207	224
Women				
Managerial and professional specialty	7,865	8,488	389	406
Executive, administrative, and managerial	3,238	3,623	374	386
Professional specialty	4,627	4,865	398	419
Technical, sales, and administrative support	14,345	14,730	261	275
Technicians and related support	1,144	1,186	327	337
Sales occupations	2,903	2,867	214	236
Administrative support, including clerical	10,298	10,677	263	276
Service occupations	3,749	3,796	183	184
Private household	323	338	140	139
Protective service	150	133	292	270
Service, except private household and protective	3,276	3,324	185	187
Precision production, craft, and repair	833	914	262	271
Mechanics and repairers	113	166	336	414
Construction trades	45	37	(¹)	(¹)
Other precision production, craft, and repair	675	711	248	250
Operators, fabricators, and laborers	3,757	3,508	220	216
Machine operators, assemblers, and inspectors	3,000	2,718	219	215
Transportation and material moving occupations	207	216	290	287
Handlers, equipment cleaners, helpers, and laborers	549	574	212	212
Farming, forestry, and fishing	105	139	179	193

¹ Data not shown where base is less than 100,000.
NOTE: Data on median weekly earnings are now derived using

\$50 centered intervals rather than the \$10 intervals previously used; data for 1984 have been recalculated.

**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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
Total		96,645	96,719	99,309	99,527	99,700					
Total private		80,257	80,421	82,697	82,785	82,959	65,120	65,235	67,080	67,145	67,285
Mining		983	971	964	958	950	700	691	686	683	675
Metal mining	10	53.8	50.6	46.4	46.1		38.5	36.7	34.1	33.9	
Iron ores	101	10.4	7.9	8.7	8.7		7.5	5.7	6.6	6.5	
Copper ores	102	15.1	14.5	13.0	12.8		10.2	10.0	9.5	9.5	
Coal mining	11,12	187.5	183.9	191.1	190.0		150.8	147.3	156.2	155.1	
Bituminous coal and lignite mining	12	184.6	181.0	188.9	187.8		148.3	144.8	154.7	153.5	
Oil and gas extraction	13	629.9	630.4	610.6	608.6	609.9	425.1	425.7	407.3	407.6	
Crude petroleum, natural gas, and natural gas liquids	131,2	262.2	262.0	261.8	261.1	-	121.1	121.2	122.1	122.7	
Oil and gas field services	138	367.7	368.4	348.8	347.5		304.0	304.5	285.2	284.9	
Nonmetallic minerals, except fuels	14	111.8	106.5	115.6	113.6		85.7	80.8	88.1	86.5	
Crushed and broken stone	142	37.0	34.7	38.8	37.9		29.7	27.6	31.6	31.0	
Sand and gravel	144	35.6	33.2	37.8	36.9		-	-	-	-	
Chemical and fertilizer minerals	147	20.6	20.3	20.0	20.1						
Construction		4,569	4,418	5,014	4,900	4,707	3,586	3,437	3,981	3,860	3,673
General building contractors	15	1,213.2	1,183.0	1,323.0	1,303.7	1,262.4	908.8	877.7	1,001.5	978.7	
Residential building construction	152	603.5	587.0	649.4	641.6	-	438.0	422.6	478.5	469.1	
Operative builders	153	59.1	58.9	63.8	63.0		31.3	31.0	34.3	32.7	
Nonresidential building construction	154	550.6	537.1	609.8	599.1		439.5	424.1	488.7	476.9	
Heavy construction contractors	16	783.8	732.1	855.2	802.3		645.3	595.3	716.4	664.4	
Highway and street construction	161	260.8	223.7	308.6	270.5		219.5	183.7	264.0	226.2	
Heavy construction, except highway	162	523.0	508.4	546.6	531.8		425.8	411.6	452.4	438.2	
Special trade contractors	17	2,572.1	2,503.2	2,835.3	2,794.1		2,031.7	1,963.8	2,263.1	2,216.7	
Plumbing, heating, and air conditioning	171	584.0	581.1	638.6	632.7		432.4	429.1	477.3	470.5	
Painting, paper hanging, and decorating	172	164.4	153.3	185.3	172.9		137.4	126.8	155.6	143.7	
Electrical work	173	468.2	473.7	502.5	507.6		359.6	363.0	389.7	393.8	
Masonry, stonework, and plastering	174	407.3	395.4	464.9	460.2		349.4	337.8	400.0	395.3	
Carpentering and flooring	175	149.1	145.9	170.2	164.5		112.8	109.9	129.6	125.6	
Roofing and sheet metal work	176	201.1	193.5	209.7	206.0		165.1	157.4	171.9	168.1	
Manufacturing		19,607	19,557	19,473	19,423	19,375	13,425	13,358	13,263	13,215	13,170
Durable goods		11,687	11,679	11,545	11,526	11,502	7,852	7,828	7,670	7,654	7,628
Lumber and wood products	24	707.0	695.3	720.4	709.8	700.4	589.7	579.4	607.2	596.1	587.4
Logging camps and logging contractors	241	91.7	86.3	88.0	84.1	-	70.8	66.5	72.8	69.6	-
Sawmills and planing mills	242	200.3	199.4	199.4	196.5		177.5	176.8	176.6	173.5	
Sawmills and planing mills, general	2421	164.1	163.2	163.5	160.8		146.0	145.3	145.2	142.5	
Hardwood dimension and flooring	2426	31.7	31.8	31.0	30.9		27.6	27.8	27.2	27.0	
Millwork, plywood, and structural members	243	220.2	219.1	233.2	232.3		183.7	182.4	194.7	193.6	
Millwork	2431	82.6	82.2	88.9	87.8		67.2	66.5	72.1	71.0	
Wood kitchen cabinets	2434	58.4	58.7	62.5	62.9		47.9	48.2	51.1	51.1	
Hardwood veneer and plywood	2435	23.5	23.3	23.4	23.6		20.6	20.4	20.5	20.8	
Softwood veneer and plywood	2436	36.8	36.2	37.4	37.4		33.4	32.9	34.5	34.5	
Wood containers	244	41.4	40.4	42.6	41.6		35.0	34.1	36.2	35.1	
Wood buildings and mobile homes	245	73.3	71.0	77.3	75.4		55.9	53.8	60.0	57.8	
Mobile homes	2451	52.3	50.4	55.3	53.9		41.8	40.0	44.7	42.8	
Miscellaneous wood products	249	80.1	79.1	79.9	79.9		66.8	65.8	66.9	66.5	

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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
		Durable goods—Continued									
Furniture and fixtures	25	500.0	501.4	499.6	501.4	502.0	402.3	402.7	398.6	400.4	400.1
Household furniture	251	299.3	300.5	292.6	294.4	-	251.5	252.4	245.0	247.0	-
Wood household furniture	2511	134.0	133.8	130.8	130.9	-	116.8	116.7	114.0	114.2	-
Upholstered household furniture	2512	93.6	94.1	94.6	95.0	-	77.2	77.5	77.8	78.4	-
Metal household furniture	2514	28.6	30.0	25.7	27.3	-	23.3	24.6	20.4	22.0	-
Mattresses and bedsprings	2515	29.3	28.5	28.0	27.9	-	22.5	21.6	21.5	21.4	-
Office furniture	252	67.9	68.2	69.5	69.7	-	52.5	52.5	53.5	53.6	-
Public building and related furniture	253	27.3	27.3	28.1	28.2	-	21.0	21.0	21.6	21.6	-
Partitions and fixtures	254	68.6	68.1	69.3	68.2	-	51.1	50.4	51.0	50.0	-
Miscellaneous furniture and fixtures	259	36.9	37.3	40.1	40.9	-	26.2	26.4	27.5	28.2	-
Stone, clay, and glass products	32	603.5	593.2	613.1	606.5	595.5	464.7	454.3	472.3	467.4	455.3
Flat glass	321	15.8	15.8	15.3	15.0	-	12.6	12.6	11.9	11.8	-
Glass and glassware, pressed or blown	322	97.2	95.4	92.9	92.9	-	82.0	80.4	79.2	79.5	-
Glass containers	3221	50.5	49.2	49.6	49.9	-	44.6	43.4	44.2	44.7	-
Pressed and blown glass, nec	3229	46.7	46.2	43.3	43.0	-	37.4	37.0	35.0	34.8	-
Products of purchased glass	323	49.4	49.5	53.4	53.2	-	34.8	34.7	37.5	37.1	-
Cement, hydraulic	324	24.6	24.6	24.0	23.6	-	19.1	19.1	18.8	18.4	-
Structural clay products	325	38.0	37.6	38.8	38.2	-	29.4	29.0	30.1	29.6	-
Pottery and related products	326	40.3	39.3	38.6	38.2	-	32.3	31.2	30.6	30.3	-
Concrete, gypsum, and plaster products	327	206.8	200.1	222.7	218.3	-	160.8	154.1	174.4	170.8	-
Concrete block and brick	3271	18.3	17.8	19.4	19.1	-	12.3	12.0	13.2	13.1	-
Concrete products, nec	3272	69.1	68.0	75.2	73.9	-	52.3	50.9	57.9	56.7	-
Ready-mixed concrete	3273	99.9	94.8	107.5	104.7	-	80.9	76.0	87.3	84.9	-
Misc. nonmetallic mineral products	329	119.7	119.5	115.8	115.6	-	84.3	84.1	80.8	80.9	-
Abrasive products	3291	22.6	22.7	21.3	21.2	-	15.1	15.2	13.7	14.1	-
Asbestos products	3292	12.2	12.2	10.9	10.8	-	9.3	9.3	8.3	8.1	-
Mineral wool	3296	28.4	28.1	27.6	27.6	-	-	-	-	-	-
Primary metal industries	33	840.3	833.5	792.7	794.7	791.2	637.0	630.2	599.3	602.9	600.2
Blast furnaces and basic steel products	331	311.8	310.3	286.6	293.0	293.6	238.0	236.6	218.3	225.5	226.2
Blast furnaces and steel mills	3312	244.8	244.0	222.5	229.3	-	188.1	187.7	171.7	179.2	-
Steel pipe and tubes	3317	23.7	23.2	23.5	23.1	-	17.4	16.9	17.2	16.7	-
Iron and steel foundries	332	149.8	145.3	142.0	140.9	-	118.7	114.8	111.9	111.3	-
Gray iron foundries	3321	95.8	91.5	89.0	88.2	-	78.2	74.6	72.5	72.0	-
Malleable iron foundries	3322	10.7	10.8	10.2	10.3	-	7.8	7.9	7.4	7.6	-
Steel foundries, nec	3325	29.7	29.2	28.8	28.4	-	22.4	21.9	21.6	21.2	-
Primary nonferrous metals	333	50.8	50.6	44.6	43.3	-	36.8	36.4	31.8	30.8	-
Primary aluminum	3334	26.7	26.4	24.2	23.5	-	20.5	20.2	18.1	17.6	-
Nonferrous rolling and drawing	335	194.8	194.4	189.8	188.6	-	138.8	138.2	135.2	134.0	-
Copper rolling and drawing	3351	27.4	27.3	24.8	24.5	-	20.6	20.6	19.1	18.8	-
Aluminum sheet, plate, and foil	3353	32.0	32.0	31.1	31.2	-	23.4	23.5	22.6	22.1	-
Nonferrous wire drawing and insulating	3357	82.8	82.7	79.3	79.2	-	60.0	59.6	56.9	57.0	-
Nonferrous foundries	336	88.0	87.6	86.1	85.3	-	71.0	70.5	69.5	68.8	-
Aluminum foundries	3361	54.0	53.6	52.8	52.2	-	44.2	43.8	43.3	42.8	-
Fabricated metal products	34	1,492.7	1,489.3	1,474.8	1,471.1	1,463.1	1,105.0	1,101.0	1,092.5	1,087.1	1,082.4
Metal cans and shipping containers	341	56.0	56.0	54.3	54.4	-	47.3	47.3	46.5	46.4	-
Metal cans	3411	44.6	44.6	43.3	43.7	-	38.4	38.5	37.8	38.0	-
Cutlery, hand tools, and hardware	342	150.3	150.8	145.1	145.6	-	111.4	111.6	107.3	107.9	-
Hand and edge tools, and hand saws and blades	3423,5	49.5	49.5	47.8	47.7	-	36.6	36.4	35.0	35.0	-
Hardware, nec	3429	87.2	87.7	84.0	84.5	-	65.8	66.2	63.4	63.9	-
Plumbing and heating, except electric	343	63.1	62.8	65.3	65.1	-	45.3	45.2	46.8	46.7	-
Plumbing fittings and brass goods	3432	24.0	24.3	24.1	24.3	-	18.2	18.5	17.7	17.8	-
Heating equipment, except electric	3433	29.7	29.0	31.4	30.9	-	19.9	19.4	21.6	21.3	-
Fabricated structural metal products	344	449.7	445.2	455.1	450.7	-	312.3	307.9	320.8	316.5	-
Fabricated structural metal	3441	83.3	82.6	80.9	80.4	-	59.3	58.7	58.0	57.2	-
Metal doors, sash, and trim	3442	86.2	84.3	92.2	90.9	-	63.4	61.6	68.6	67.5	-
Fabricated plate work (boiler shops)	3443	101.6	101.6	101.0	100.0	-	60.9	61.1	63.7	62.8	-
Sheet metal work	3444	116.1	114.6	115.4	113.9	-	86.1	84.5	85.8	84.4	-
Architectural metal work	3446	28.4	28.2	28.9	28.6	-	20.3	20.1	20.9	20.7	-

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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
		Durable goods—Continued									
Fabricated metal products—Continued											
Screw machine products, bolts, etc	345	99.1	99.3	96.8	96.5		76.1	76.1	73.8	73.6	
Screw machine products	3451	47.4	47.8	45.5	45.4		38.6	38.9	36.8	36.8	
Bolts, nuts, rivets, and washers	3452	51.7	51.5	51.3	51.1		37.5	37.2	37.0	36.8	
Metal forgings and stampings	346	255.0	256.3	245.8	245.3		204.9	206.1	197.0	196.6	
Iron and steel forgings	3462	35.3	35.0	30.7	30.6		27.2	27.1	23.3	23.3	
Automotive stampings	3465	101.6	103.0	102.9	103.0		86.8	88.1	88.3	88.5	
Metal stampings, nec	3469	107.5	107.6	102.0	101.2		83.0	83.0	78.0	77.1	
Metal services, nec	347	109.9	109.7	108.6	109.2		88.3	88.1	87.1	87.6	
Plating and polishing	3471	75.8	75.2	73.7	74.3		61.8	61.2	59.7	60.2	
Metal coating and allied services	3479	34.1	34.5	34.9	34.9		26.5	26.9	27.4	27.4	
Ordnance and accessories, nec	348	78.2	78.1	79.8	80.2		51.1	50.6	51.5	50.2	
Ammunition, except for small arms, nec	3483	42.5	42.6	44.8	45.9		28.0	27.7	28.9	28.1	
Misc. fabricated metal products	349	231.4	231.1	224.0	224.1		168.3	168.1	161.7	161.6	
Valves and pipe fittings	3494	88.1	87.8	85.9	85.9		59.3	59.3	57.8	57.4	
Misc. fabricated wire products	3496	51.7	51.5	51.4	52.2		39.5	39.5	38.9	39.7	
Machinery, except electrical	35	2,229.7	2,237.3	2,143.4	2,136.1	2,142.2	1,350.8	1,355.4	1,285.3	1,281.7	1,283.3
Engines and turbines	351	115.8	115.3	105.0	105.2	-	72.5	72.4	65.1	65.6	-
Turbines and turbine generator sets	3511	36.1	35.7	35.3	35.2		18.8	18.6	18.6	18.6	
Internal combustion engines, nec	3519	79.7	79.6	69.7	70.0		53.7	53.8	46.5	47.0	
Farm and garden machinery	352	105.5	107.1	104.5	104.1		69.8	71.6	71.6	71.5	
Farm machinery and equipment	3523	82.2	82.1	79.1	77.3		52.4	52.4	52.4	50.8	
Construction and related machinery	353	263.5	262.4	249.8	248.1		163.8	164.6	154.2	153.5	
Construction machinery	3531	92.5	91.0	86.1	85.5		57.9	57.6	52.6	52.6	
Mining machinery	3532	22.3	22.3	21.7	21.3		13.6	13.7	13.7	13.3	
Oil field machinery	3533	66.9	67.1	61.6	60.8		43.2	43.4	38.9	38.5	
Conveyors and conveying equipment	3535	29.6	29.7	29.5	29.7		15.6	15.9	15.9	15.8	
Industrial trucks and tractors	3537	27.2	27.2	25.4	25.3		18.2	18.3	17.1	17.2	
Metalworking machinery	354	314.1	316.6	311.1	311.1		224.9	227.2	222.1	221.6	
Machine tools, metal cutting types	3541	57.4	57.6	56.7	56.7		36.0	36.2	35.5	35.7	
Machine tools, metal forming types	3542	19.7	19.9	19.1	19.3		12.3	12.4	11.7	11.8	
Special dies, tools, jigs, and fixtures	3544	137.3	138.9	138.2	138.3		107.6	109.0	107.7	107.4	
Machine tool accessories	3545	56.5	57.0	56.1	56.3		39.7	40.3	39.0	39.1	
Power driven hand tools	3546	25.6	25.3	23.3	23.1		18.2	18.1	17.0	16.7	
Special industry machinery	355	170.5	171.8	164.8	164.5		102.2	103.2	98.1	98.3	
Food products machinery	3551	39.0	39.2	38.4	38.6		24.0	24.1	23.4	23.6	
Textile machinery	3552	19.5	19.5	17.8	17.7		13.2	13.1	11.9	11.8	
Printing trades machinery	3555	31.1	31.3	30.8	30.4		18.4	18.5	17.7	17.8	
General industrial machinery	356	278.8	278.6	268.2	267.2		178.6	178.5	170.5	170.5	
Pumps and pumping equipment	3561	53.1	52.7	51.3	50.3		31.0	31.0	30.1	30.0	
Ball and roller bearings	3562	49.5	48.7	46.0	46.0		37.2	36.4	34.4	34.4	
Air and gas compressors	3563	26.3	26.4	25.6	25.3		14.7	14.7	14.8	14.6	
Blowers and fans	3564	32.4	32.8	31.2	31.3		20.1	20.4	19.3	19.4	
Speed changers, drives, and gears	3566	21.5	21.6	20.4	20.4		14.7	14.7	14.2	14.2	
Power transmission equipment, nec	3568	18.1	18.2	17.5	17.2		12.7	12.8	11.9	11.7	
Office and computing machines	357	531.2	533.2	491.7	490.1		206.7	204.9	173.7	172.8	
Electronic computing equipment	3573	465.1	468.9	429.0	427.9		173.0	172.2	143.0	142.1	
Refrigeration and service machinery	358	173.3	174.3	170.1	168.8		120.9	120.5	118.2	117.4	
Refrigeration and heating equipment	3585	120.9	121.4	117.0	115.9		85.8	85.0	83.0	82.5	
Misc. machinery, except electrical	359	277.0	278.0	278.2	277.0		211.4	212.5	211.8	210.5	
Carburetors, pistons, rings, and valves	3592	35.1	35.4	33.5	33.1		28.7	28.9	26.9	26.6	
Machinery, except electrical, nec	3599	241.9	242.6	244.7	243.9		182.7	183.6	184.9	183.9	
Electrical and electronic equipment	36	2,251.5	2,253.2	2,185.5	2,180.9	2,188.1	1,374.0	1,369.5	1,280.0	1,274.6	1,278.4
Electric distributing equipment	361	117.9	117.8	114.3	114.1	-	85.2	85.1	82.1	81.8	-
Transformers	3612	55.1	55.3	53.5	53.4		39.8	40.0	39.1	39.0	
Switchgear and switchboard apparatus	3613	62.8	62.5	60.8	60.7		45.4	45.1	43.0	42.8	
Electrical industrial apparatus	362	205.7	205.1	193.6	194.1		145.4	144.6	135.8	136.0	
Motors and generators	3621	101.1	100.5	96.5	96.4		78.4	77.9	74.6	74.6	
Industrial controls	3622	65.9	65.9	61.3	61.8		40.3	40.0	36.9	37.1	
Household appliances	363	147.0	144.6	142.4	143.6		115.8	113.3	111.5	112.8	
Household refrigerators and freezers	3632	27.0	25.1	27.2	26.5		20.7	18.7	20.9	20.2	
Household laundry equipment	3633	21.0	21.2	21.7	21.8		16.3	16.6	16.9	17.4	
Electric housewares and fans	3634	40.9	40.6	38.3	37.7		32.1	31.7	29.6	29.2	

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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
Durable goods—Continued											
Electrical and electronic equipment—Continued											
Electrical lighting and wiring equipment	364	202.7	203.7	198.1	198.5		147.8	148.7	143.7	144.1	
Electric lamps	3641	28.1	29.0	27.7	27.7		24.3	25.2	23.9	23.9	
Current-carrying wiring devices	3643	85.7	85.5	80.1	80.0		57.0	56.9	52.2	52.2	
Noncurrent-carrying wiring devices	3644	17.8	17.8	17.9	17.8		12.7	12.7	12.8	12.8	
Residential lighting fixtures	3645	27.1	27.3	27.7	28.0		20.5	20.7	21.3	21.6	
Radio and TV receiving equipment	365	90.9	89.3	84.8	84.6		63.1	61.8	58.2	58.3	
Radio and TV receiving sets	3651	71.9	71.0	66.8	66.9		48.9	48.4	45.3	45.7	
Communication equipment	366	635.7	641.2	665.0	664.0		291.3	293.9	288.4	286.4	
Telephone and telegraph apparatus	3661	144.6	145.8	132.8	128.3		93.8	94.4	81.2	77.1	
Radio and TV communication equipment	3662	491.1	495.4	532.2	535.7		197.5	199.5	207.2	209.3	
Electronic components and accessories	367	694.6	694.6	635.7	631.7		413.6	410.6	353.0	349.1	
Electronic tubes	3671-3	41.9	42.2	41.6	41.7		25.9	26.0	24.6	24.6	
Semiconductors and related devices	3674	286.5	288.2	268.4	266.1		123.3	123.1	100.8	99.1	
Electronic components, nec	3679	282.5	281.6	257.3	255.9		200.2	198.5	177.1	175.0	
Misc. electrical equipment and supplies	369	157.0	156.9	151.6	150.3		111.8	111.5	107.3	106.1	
Storage batteries	3691	29.2	29.1	29.3	30.0		22.9	22.8	23.4	23.8	
Engine electrical equipment	3694	65.6	65.9	64.8	63.3		51.0	51.3	49.3	47.9	
Transportation equipment	37	1,946.1	1,968.5	2,010.1	2,019.3	2,020.7	1,238.3	1,256.6	1,269.7	1,276.6	1,278.9
Motor vehicles and equipment	371	877.4	889.7	874.4	870.0	871.7	677.4	690.3	679.7	676.0	678.4
Motor vehicles and car bodies	3711	401.1	410.5	406.3	401.6	-	297.1	306.5	308.7	303.5	-
Truck and bus bodies	3713	37.4	37.2	37.3	36.5		29.5	29.2	28.7	28.4	
Motor vehicle parts and accessories	3714	393.0	396.3	388.6	389.2		314.7	318.7	310.3	311.6	
Truck trailers	3715	30.2	29.6	27.1	27.5		23.4	22.8	20.8	21.2	
Aircraft and parts	372	611.1	619.7	665.1	671.6		290.4	295.4	319.3	323.5	
Aircraft	3721	314.2	320.5	348.9	351.2		128.4	132.0	146.5	147.9	
Aircraft engines and engine parts	3724	145.0	146.0	152.4	153.8		75.0	75.7	77.8	78.7	
Aircraft equipment, nec	3728	151.9	153.2	163.8	166.6		87.0	87.7	95.0	96.9	
Ship and boat building and repairing	373	193.4	194.0	190.7	191.2		144.6	145.2	140.8	142.3	
Ship building and repairing	3731	148.2	148.6	144.7	144.8		108.1	108.6	103.9	105.1	
Boat building and repairing	3732	45.2	45.4	46.0	46.4		36.5	36.6	36.9	37.2	
Railroad equipment	374	36.4	35.1	34.4	33.6		25.4	24.1	24.7	23.7	
Guided missiles, space vehicles, and parts	376	163.6	165.3	183.4	185.8		56.8	57.6	63.9	65.1	
Guided missiles and space vehicles	3761	126.2	127.7	141.1	143.1		42.6	43.1	48.1	49.1	
Miscellaneous transportation equipment	379	50.6	51.0	48.3	53.4		33.9	34.2	31.5	36.3	
Travel trailers and campers	3792	19.9	20.1	21.4	21.3		15.6	15.8	17.0	16.7	
Instruments and related products	38	722.5	723.9	722.3	725.3	727.0	401.0	401.0	387.7	392.2	394.9
Engineering and scientific instruments	381	81.4	81.9	82.0	84.1	-	37.0	37.5	33.7	36.7	-
Measuring and controlling devices	382	256.5	257.6	255.4	255.3		146.1	145.8	140.5	140.6	
Environmental controls	3822	46.2	46.1	44.4	44.6		29.5	29.2	28.2	28.6	
Process control instruments	3823	56.7	57.1	55.9	55.6		28.1	28.3	28.2	28.2	
Instruments to measure electricity	3825	111.1	111.9	111.8	111.5		61.2	61.1	57.1	56.9	
Optical instruments and lenses	383	35.2	34.7	34.1	34.2		18.5	18.4	17.1	17.0	
Medical instruments and supplies	384	170.5	170.2	173.5	175.0		102.5	102.3	103.1	104.7	
Surgical and medical instruments	3841	82.1	81.9	84.5	85.0		46.0	45.7	46.6	47.2	
Surgical appliances and supplies	3842	74.0	73.8	74.1	75.0		48.1	48.2	47.9	48.9	
Ophthalmic goods	385	40.1	40.2	39.6	39.1		26.7	26.8	26.4	26.2	
Photographic equipment and supplies	386	124.2	124.5	124.3	124.3		59.6	59.3	57.1	57.3	
Watches, clocks, and watchcases	387	14.6	14.8	13.4	13.3		10.6	10.9	9.8	9.7	
Miscellaneous manufacturing	39	394.1	383.7	383.5	380.7	371.7	289.1	277.9	277.7	274.9	267.0
Jewelry, silverware, and plated ware	391	58.0	57.0	58.1	58.3	-	40.6	39.6	39.6	39.8	-
Jewelry, precious metal	3911	39.3	38.3	39.3	39.4		27.6	26.7	27.0	27.0	
Musical instruments	393	16.7	16.4	16.0	16.0		13.2	12.8	12.7	12.7	
Toys and sporting goods	394	114.6	108.9	110.1	107.1		86.6	79.8	81.5	78.2	
Dolls, games, toys, and children's vehicles	3942,4	58.0	52.5	56.7	54.0		42.8	36.5	40.6	37.5	
Sporting and athletic goods, nec	3949	56.6	56.4	53.4	53.1		43.8	43.3	40.9	40.7	
Pens, pencils, office, and art supplies	395	32.2	32.2	32.2	31.8		21.9	21.8	21.6	21.1	
Costume jewelry and notions	396	43.2	40.8	39.3	39.7		33.6	31.2	30.7	31.1	
Costume jewelry	3961	24.2	22.7	21.2	22.0		18.9	17.4	16.7	17.4	
Miscellaneous manufactures	399	129.4	128.4	127.8	127.8		93.2	92.7	91.6	92.0	
Signs and advertising displays	3993	53.7	53.7	52.8	53.1		38.0	38.2	37.2	37.4	

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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
Nondurable goods		7,920	7,878	7,928	7,897	7,873	5,573	5,530	5,593	5,561	5,542
Food and kindred products	20	1,637.2	1,616.8	1,688.5	1,653.7	1,634.6	1,141.9	1,123.1	1,193.7	1,159.9	1,143.0
Meat products	201	370.2	368.3	377.0	378.7	-	311.1	310.1	319.5	320.8	-
Meat packing plants	2011	151.0	149.7	148.8	150.1		125.4	124.4	124.5	125.3	
Sausages and other prepared meats	2013	74.0	73.6	74.2	74.0		53.9	53.6	54.7	54.5	
Poultry dressing plants	2016	124.7	124.6	132.0	133.2		113.5	113.8	120.7	122.1	
Dairy products	202	161.2	160.7	164.0	162.8		92.8	92.3	96.7	95.8	
Cheese, natural and processed	2022	38.2	38.2	39.5	39.4		28.6	28.4	30.7	30.6	
Fluid milk	2026	87.4	87.0	88.5	88.2		41.7	41.4	42.6	42.5	
Preserved fruits and vegetables	203	231.3	218.6	265.5	234.8		190.5	177.6	222.6	191.9	
Canned specialties	2032	25.8	25.8	28.1	28.0		18.7	18.4	20.4	20.1	
Canned fruits and vegetables	2033	76.5	68.1	94.0	74.8		62.0	53.6	79.0	60.4	
Frozen fruits and vegetables	2037	50.1	47.9	59.3	51.2		44.2	42.1	52.8	44.9	
Grain mill products	204	129.9	129.0	129.1	126.7		88.5	88.0	88.4	85.8	
Flour and other grain mill products	2041	24.5	24.1	24.1	24.0		15.0	14.9	16.0	16.0	
Prepared feeds, nec	2048	46.7	46.6	46.6	45.6		29.8	29.7	29.5	28.6	
Bakery products	205	208.9	208.4	211.2	211.0		124.6	124.2	126.8	126.3	
Bread, cake, and related products	2051	166.1	165.3	166.0	166.2		90.7	89.8	90.4	90.3	
Cookies and crackers	2052	42.8	43.1	45.2	44.8		33.9	34.4	36.4	36.0	
Sugar and confectionery products	206	115.9	111.9	114.9	115.9		91.8	87.9	91.1	92.3	
Cane and beet sugar	2061-3	30.9	29.1	30.2	29.1		24.9	23.3	24.6	23.3	
Confectionery products	2065	63.9	61.8	63.0	65.5		52.6	50.3	51.8	54.5	
Fats and oils	207	39.5	39.2	37.5	38.1		29.4	29.3	27.5	28.2	
Beverages	208	212.3	211.5	215.5	213.6		89.3	88.4	91.2	91.0	
Malt beverages	2082	40.2	39.9	39.8	40.1		24.9	24.6	25.1	25.9	
Bottled and canned soft drinks	2086	128.0	127.9	130.0	128.9		40.6	40.6	41.7	41.3	
Misc. food and kindred products	209	168.0	169.2	173.8	172.1		123.9	125.3	129.9	127.8	
Tobacco manufactures	21	66.6	69.4	69.8	66.7	65.2	51.3	53.0	53.6	50.7	49.0
Cigarettes	211	45.5	46.6	45.0	45.1	-	34.3	34.4	33.2	33.3	-
Textile mill products	22	727.6	722.8	702.6	700.9	700.3	628.3	623.7	607.5	605.7	605.7
Weaving mills, cotton	221	115.6	114.5	105.0	104.4	-	103.3	102.4	94.7	94.2	-
Weaving mills, synthetics	222	98.1	96.8	89.3	89.1		87.1	85.9	79.3	79.1	
Weaving and finishing mills, wool	223	17.7	17.8	16.4	16.4		14.9	14.9	13.8	13.9	
Narrow fabric mills	224	22.9	23.3	21.2	21.2		19.5	19.7	18.2	18.3	
Knitting mills	225	197.5	195.6	198.1	196.8		171.5	169.7	172.4	171.1	
Women's hosiery, except socks	2251	31.9	32.0	33.4	33.3		28.7	28.6	29.8	29.8	
Hosiery, nec	2252	33.9	33.3	33.2	32.9		30.4	29.9	29.6	29.3	
Knit outerwear mills	2253	63.4	63.2	63.8	63.3		54.2	54.0	56.1	55.5	
Knit underwear mills	2254	26.8	26.0	25.7	25.6		23.1	22.4	21.4	21.2	
Circular knit fabric mills	2257	24.2	23.9	24.7	24.6		20.6	20.3	21.1	21.0	
Textile finishing, except wool	226	66.5	66.3	63.6	64.1		56.0	56.0	53.3	53.7	
Finishing plants, cotton	2261	25.6	25.5	24.0	24.4		21.6	21.5	20.3	20.7	
Finishing plants, synthetics	2262	23.4	23.3	22.5	22.5		19.5	19.4	18.4	18.3	
Floor covering mills	227	54.2	54.0	57.3	57.4		44.0	43.8	46.8	46.8	
Yarn and thread mills	228	101.6	101.3	100.0	99.9		89.9	89.5	88.8	88.7	
Yarn mills, except wool	2281	69.7	69.4	69.1	69.4		62.4	62.1	62.4	62.6	
Throwing and winding mills	2282	16.1	15.9	15.7	15.5		14.3	14.1	13.9	13.7	
Miscellaneous textile goods	229	53.5	53.2	51.7	51.6		42.1	41.8	40.2	39.9	
Apparel and other textile products	23	1,185.9	1,172.6	1,169.4	1,166.7	1,160.7	1,001.7	988.9	987.3	984.4	977.4
Men's and boys' suits and coats	231	72.2	72.6	68.0	67.7	-	63.4	63.7	59.1	58.8	-
Men's and boys' furnishings	232	334.0	331.8	335.2	336.6		288.2	286.2	290.6	291.7	
Men's and boys' shirts and nightwear	2321	96.5	96.0	92.9	93.1		83.8	83.3	80.3	80.4	
Men's and boys' separate trousers	2327	64.5	65.3	65.4	66.1		56.3	57.1	57.4	57.9	
Men's and boys' work clothing	2328	97.0	95.9	104.4	105.0		82.9	81.9	91.3	92.0	
Women's and misses' outerwear	233	378.2	372.9	373.7	373.5		316.8	311.8	311.8	311.0	
Women's and misses' blouses and waists	2331	60.0	58.0	59.7	59.3		50.8	48.8	50.0	49.5	
Women's and misses' dresses	2335	112.0	109.5	106.0	106.5		95.0	92.4	89.1	89.4	
Women's and misses' suits and coats	2337	51.8	49.7	53.9	53.0		42.4	40.5	44.5	43.7	
Women's and misses' outerwear, nec	2339	154.4	155.7	154.1	154.7		128.6	130.1	128.2	128.4	

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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
		Nondurable goods—Continued									
Apparel and other textile products—Continued											
Women's and children's undergarments	234	85.5	82.1	83.5	83.1		71.7	68.6	70.2	70.0	
Women's and children's underwear	2341	69.4	66.2	68.3	67.7		59.8	56.7	58.9	58.4	
Brassieres and allied garments	2342	16.1	15.9	15.2	15.4		11.9	11.9	11.3	11.6	
Children's outerwear	236	63.4	63.0	62.2	62.7		53.6	52.9	52.2	53.0	
Children's dresses and blouses	2361	27.2	27.1	26.6	26.8		24.0	23.9	23.4	23.7	
Misc. apparel and accessories	238	45.5	44.4	42.8	42.0		37.3	36.6	35.6	34.8	
Misc. fabricated textile products	239	186.6	185.2	185.0	182.3		153.9	152.3	152.6	150.1	
Curtains and draperies	2391	27.2	27.0	26.7	26.5		22.3	22.2	21.5	21.2	
House furnishings, nec	2392	54.5	52.5	52.7	52.6		46.8	44.7	45.3	45.0	
Automotive and apparel trimmings	2396	36.1	36.8	36.6	35.4		29.8	30.4	30.3	29.3	
Paper and allied products	26	682.7	682.8	683.8	688.2	688.1	513.0	513.5	517.6	521.6	524.0
Paper and pulp mills	261,2,6	201.3	201.8	197.3	199.6	-	150.7	150.8	150.4	152.6	-
Paper mills, except building paper	262	176.4	176.8	172.3	173.9		130.5	130.8	130.3	131.9	
Paperboard mills	263	56.7	57.0	55.5	56.2		43.2	43.6	42.5	43.0	
Misc. converted paper products	264	227.3	227.2	234.4	235.8		166.6	167.4	172.1	173.4	
Paper coating and glazing	2641	59.1	59.6	59.2	59.4		38.3	38.7	36.9	36.9	
Envelopes	2642	26.3	26.4	27.1	27.4		20.4	20.6	20.7	20.9	
Bags, except textile bags	2643	50.7	50.6	50.9	51.2		39.6	39.8	40.0	40.2	
Paperboard containers and boxes	265	197.4	196.8	196.6	196.6		152.5	151.7	152.6	152.6	
Folding paperboard boxes	2651	42.2	42.0	41.9	41.9		33.3	33.2	33.3	33.3	
Corrugated and solid fiber boxes	2653	102.0	102.1	101.6	102.1		76.9	76.9	77.0	77.3	
Sanitary food containers	2654	23.5	23.4	24.4	24.3		19.3	19.2	20.3	20.2	
Printing and publishing	27	1,401.9	1,405.3	1,431.3	1,446.2	1,451.0	773.2	774.7	788.7	797.8	803.0
Newspapers	271	450.1	450.5	455.9	462.6	-	171.2	171.6	170.9	173.9	-
Periodicals	272	108.2	108.3	108.9	109.5		25.3	25.4	29.0	29.9	
Books	273	103.5	105.2	102.8	105.0		49.8	51.5	50.2	51.9	
Book publishing	2731	78.0	79.0	77.7	79.2		29.4	30.4	30.3	31.3	
Book printing	2732	25.5	26.2	25.1	25.8		20.4	21.1	19.9	20.6	
Miscellaneous publishing	274	66.9	67.5	72.9	73.9		36.5	36.7	38.3	39.3	
Commercial printing	275	480.3	480.2	495.6	499.9		349.5	348.6	361.5	364.6	
Commercial printing, letterpress	2751	160.5	159.9	164.1	165.7		118.9	118.2	120.4	121.5	
Commercial printing, lithographic	2752	294.0	294.2	304.6	307.0		210.0	209.5	219.9	221.8	
Manifold business forms	276	47.9	48.3	47.8	48.0		33.3	33.6	33.1	33.5	
Blankbooks and bookbinding	278	70.7	71.2	70.5	69.9		57.6	58.1	56.8	55.9	
Printing trade services	279	49.4	49.4	51.9	52.6		36.3	36.0	38.3	38.7	
Chemicals and allied products	28	1,050.1	1,050.9	1,035.3	1,030.7	1,030.7	579.0	578.7	572.8	568.5	569.3
Industrial inorganic chemicals	281	143.7	143.9	140.6	141.2	-	72.7	72.6	70.9	71.3	-
Industrial inorganic chemicals, nec	2819	94.7	94.7	91.4	92.4		49.6	49.4	48.1	48.5	
Plastics materials and synthetics	282	174.1	172.9	165.8	165.2		114.9	113.7	110.4	109.9	
Plastics materials and resins	2821	75.2	75.1	73.3	73.2		44.4	44.2	43.8	43.7	
Organic fibers, noncellulosic	2824	67.7	67.3	62.5	62.0		47.6	47.3	44.2	43.7	
Drugs	283	206.6	206.6	204.3	203.2		92.7	92.8	94.3	93.6	
Pharmaceutical preparations	2834	166.7	167.1	165.9	164.9		75.1	75.3	75.9	75.3	
Soap, cleaners, and toilet goods	284	146.5	148.7	147.8	146.4		93.6	94.7	94.5	92.6	
Soap and other detergents	2841	41.2	41.9	41.3	41.0		26.9	27.1	26.8	26.6	
Toilet preparations	2844	67.6	68.9	67.8	66.6		46.0	47.1	46.4	44.9	
Polishing, sanitation, and finishing preparations	2842,3	37.7	37.9	38.7	38.8		20.7	20.5	21.3	21.1	
Paints and allied products	285	61.7	61.6	63.1	62.4		29.9	29.6	30.4	29.7	
Industrial organic chemicals	286	164.5	164.8	163.9	162.9		84.1	84.6	83.6	82.9	
Cyclic crudes and intermediates	2865	31.3	31.4	30.6	30.3		19.0	19.4	20.3	19.9	
Gum, wood, and industrial organic chemicals, nec	2861,9	133.2	133.4	133.3	132.6		65.1	65.2	63.3	63.0	
Agricultural chemicals	287	60.0	59.7	58.1	58.1		37.3	37.0	35.8	35.7	
Miscellaneous chemical products	289	93.0	92.7	91.7	91.3		53.8	53.7	52.9	52.8	
Petroleum and coal products	29	187.4	183.6	171.1	169.2	168.5	112.1	108.2	105.7	105.5	104.8
Petroleum refining	291	149.0	147.9	132.1	131.3	-	84.3	83.2	77.6	78.5	-
Paving and roofing materials	295	27.6	24.9	28.3	27.2		21.2	18.4	21.8	20.7	

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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
Nondurable goods—Continued											
Rubber and misc. plastics products	30	795.4	794.2	799.0	798.9	799.3	618.4	617.1	618.3	619.5	621.5
Tires and inner tubes	301	95.2	95.0	89.5	88.9	-	67.2	66.9	61.0	61.2	-
Rubber and plastics footwear	302	15.7	15.0	12.7	12.8	-	13.3	12.8	10.9	10.9	-
Reclaimed rubber, and rubber and plastics hose and belting	303,4	21.4	21.1	20.1	19.9	-	14.0	13.8	13.4	13.4	-
Fabricated rubber products, nec	306	110.2	109.7	109.0	108.9	-	84.8	84.2	83.3	83.4	-
Miscellaneous plastics products	307	552.9	553.4	567.7	568.4	-	439.1	439.4	449.7	450.6	-
Leather and leather products	31	185.5	180.0	177.1	176.1	174.1	153.9	148.7	148.0	147.1	144.7
Leather tanning and finishing	311	15.9	15.8	15.1	15.0	-	13.1	12.9	12.6	12.5	-
Footwear, except rubber	314	110.5	107.7	105.0	104.8	-	93.8	91.2	89.8	89.5	-
Men's footwear, except athletic	3143	46.5	45.1	41.8	41.8	-	37.7	36.2	34.2	34.1	-
Women's footwear, except athletic	3144	40.5	40.3	40.1	40.2	-	35.6	35.5	35.3	35.5	-
Luggage	316	13.8	13.1	13.1	13.0	-	10.0	9.5	9.8	9.7	-
Handbags and personal leather goods	317	25.0	23.8	24.6	23.8	-	20.3	19.1	20.2	19.5	-
Transportation and public utilities		5,253	5,272	5,379	5,365	5,385	4,344	4,359	4,463	4,448	4,463
Transportation		3,016	3,034	3,139	3,127	3,144					
Railroad transportation	40	360.7	353.3	343.3	334.8	-	-	-	-	-	-
Class I railroads ²	4011	334.5	327.8	320.3	311.9	-	-	-	-	-	-
Local and interurban passenger transit	41	280.4	279.8	286.6	284.9	-	259.3	258.7	265.9	264.5	-
Local and suburban transportation	411	85.3	85.3	91.5	90.8	-	78.2	78.1	84.0	83.6	-
Taxicabs	412	38.7	39.0	38.1	38.4	-	-	-	-	-	-
Intercity highway transportation	413	36.4	36.3	35.3	34.9	-	33.4	33.2	32.6	32.4	-
School buses	415	98.6	98.3	98.1	97.5	-	-	-	-	-	-
Trucking and warehousing	42	1,371.8	1,390.6	1,434.0	1,427.8	-	1,198.6	1,217.2	1,251.3	1,245.2	-
Trucking and trucking terminals	421,3	1,265.4	1,287.4	1,324.4	1,320.8	-	1,107.9	1,129.7	1,158.0	1,154.8	-
Public warehousing	422	106.4	103.2	109.6	107.0	-	90.7	87.5	93.3	90.4	-
Water transportation	44	209.4	208.6	213.0	216.3	-	-	-	-	-	-
Local water transportation	445	28.3	27.7	29.7	29.3	-	-	-	-	-	-
Water transportation services	446	115.6	115.6	114.1	118.2	-	-	-	-	-	-
Transportation by air	45	508.2	512.9	553.2	556.0	-	-	-	-	-	-
Air transportation	451,2	447.2	451.6	490.1	492.7	-	-	-	-	-	-
Air transportation services	458	61.0	61.3	63.1	63.3	-	-	-	-	-	-
Pipe lines, except natural gas	46	18.9	18.9	18.9	18.9	-	13.4	13.4	13.5	13.7	-
Transportation services	47	266.9	269.5	289.5	288.3	-	-	-	-	-	-
Freight forwarding	471	63.0	64.2	71.3	71.6	-	-	-	-	-	-
Communication and public utilities		2,237	2,238	2,240	2,238	2,241					
Communication	48	1,336.9	1,336.4	1,320.5	1,317.9	-	1,016.5	1,016.6	1,005.7	1,003.5	-
Telephone communication	481	942.2	938.8	906.5	903.1	-	703.0	700.5	673.8	670.5	-
Radio and television broadcasting	483	233.4	233.8	237.9	238.0	-	188.6	189.5	194.2	194.4	-
Radio broadcasting	4832	111.3	111.2	112.7	112.7	-	-	-	-	-	-
Television broadcasting	4833	122.1	122.6	125.2	125.3	-	-	-	-	-	-
Electric, gas, and sanitary services	49	900.4	901.9	919.7	919.7	-	716.2	716.8	731.6	730.9	-
Electric services	491	446.3	447.3	454.1	454.2	-	348.3	348.8	352.4	351.6	-
Gas production and distribution	492	171.7	171.5	170.8	170.4	-	134.8	134.6	133.2	133.7	-
Combination utility services	493	198.5	198.6	202.5	202.8	-	161.0	161.1	167.0	166.5	-
Sanitary services	495	59.1	59.4	65.8	65.9	-	51.8	52.0	57.4	57.5	-
Wholesale trade		5,666	5,673	5,856	5,854	5,862	4,573	4,578	4,735	4,727	4,728
Durable goods	50	3,338	3,347	3,461	3,466	3,475	2,677	2,683	2,774	2,775	-
Motor vehicles and automotive equipment	501	428.4	428.4	434.8	433.6	-	344.2	344.1	351.5	350.3	-
Automobiles and other motor vehicles	5012	107.5	107.6	110.5	110.5	-	-	-	-	-	-
Automotive parts and supplies	5013	287.2	287.4	291.3	290.5	-	-	-	-	-	-

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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
		Wholesale trade—Continued									
Durable goods—Continued											
Furniture and home furnishings	502	128.9	130.3	133.6	134.5		109.0	110.4	112.1	112.5	
Furniture	5021	53.6	54.5	56.4	56.8		-	-	-	-	
Home furnishings	5023	75.3	75.8	77.2	77.7		-	-	-	-	
Lumber and construction materials	503	204.1	204.3	217.1	217.6		169.5	169.3	181.3	181.5	
Lumber, plywood, and millwork	5031	92.7	93.4	98.2	98.3		-	-	-	-	
Construction materials, nec	5039	111.4	110.9	118.9	119.3		-	-	-	-	
Sporting goods, toys, and hobby goods	504	74.1	73.8	76.9	76.9		61.8	61.9	64.6	64.6	
Metals and minerals, except petroleum	505	138.6	138.9	141.9	142.2		111.6	111.4	113.9	114.1	
Electrical goods	506	490.3	493.5	496.6	497.3		388.8	390.9	386.6	385.6	
Electrical apparatus and equipment	5063	271.9	274.0	275.4	276.9		-	-	-	-	
Electrical appliances, TV and radios	5064	67.4	67.6	68.4	67.9		-	-	-	-	
Electronic parts and equipment	5065	151.0	151.9	152.8	152.5		-	-	-	-	
Hardware, plumbing, and heating equipment	507	253.8	255.3	267.1	267.5		205.9	207.2	215.9	215.5	
Hardware	5072	85.6	86.0	89.6	89.7		-	-	-	-	
Plumbing and hydronic heating supplies	5074	104.3	104.8	109.7	110.4		-	-	-	-	
Machinery, equipment, and supplies	508	1,424.7	1,430.1	1,497.0	1,499.4		1,124.8	1,129.4	1,187.3	1,188.9	
Commercial machines and equipment	5081	501.0	504.6	533.2	535.1		-	-	-	-	
Construction and mining machinery	5082	79.0	79.7	84.3	84.5		-	-	-	-	
Farm machinery and equipment	5083	134.5	133.3	135.0	133.5		-	-	-	-	
Industrial machinery and equipment	5084	316.6	318.2	331.1	332.1		-	-	-	-	
Industrial supplies	5085	133.4	133.7	137.1	137.9		-	-	-	-	
Professional equipment and supplies	5086	158.8	159.5	168.8	168.7		-	-	-	-	
Miscellaneous durable goods	509	195.1	192.2	195.8	196.9		161.1	158.1	161.0	161.8	
Scrap and waste materials	5093	93.5	92.7	93.8	93.7		-	-	-	-	
Nondurable goods	51	2,328	2,326	2,395	2,388	2,387	1,896	1,895	1,961	1,952	
Paper and paper products	511	177.3	179.0	186.8	186.3	-	144.0	145.5	152.0	151.6	
Drugs, proprietaries, and sundries	512	161.0	161.5	163.2	164.9		133.6	134.5	135.8	137.3	
Apparel, piece goods, and notions	513	186.4	184.4	191.1	192.4		139.6	137.7	144.9	145.6	
Groceries and related products	514	731.0	732.0	755.2	756.5		628.9	629.8	649.3	649.8	
Groceries, general line	5141	231.6	232.6	241.5	245.0		-	-	-	-	
Meats and meat products	5147	65.9	66.0	67.7	68.7		-	-	-	-	
Fresh fruits and vegetables	5148	89.4	89.0	86.4	83.8		-	-	-	-	
Chemicals and allied products	516	132.7	133.1	131.7	131.7		93.5	94.1	94.5	94.6	
Petroleum and petroleum products	517	205.6	206.4	208.3	208.9		154.1	155.0	157.4	160.1	
Petroleum bulk stations and terminals	5171	86.6	86.8	87.6	87.8		-	-	-	-	
Petroleum products, nec	5172	119.0	119.6	120.7	121.1		-	-	-	-	
Beer, wine, and distilled beverages	518	156.0	156.8	158.8	159.1		130.2	131.2	132.4	132.0	
Beer and ale	5181	96.2	95.9	99.0	98.5		-	-	-	-	
Wines and distilled beverages	5182	59.8	60.9	59.8	60.6		-	-	-	-	
Miscellaneous nondurable goods	519	422.0	419.8	439.9	434.6		342.2	340.5	359.7	353.5	
Farm supplies	5191	153.8	151.6	165.8	157.7		-	-	-	-	
Retail trade		17,270	17,611	17,680	17,903	18,248	15,493	15,823	15,795	16,026	16,357
Building materials and garden supplies	52	668.9	665.5	674.0	672.7		565.8	563.2	569.4	567.7	
Lumber and other building materials	521	347.4	343.6	357.5	356.0		296.0	292.4	304.6	303.1	
Hardware stores	525	157.5	160.1	160.4	160.5		133.4	136.1	135.1	134.6	
General merchandise stores	53	2,496.8	2,628.1	2,372.0	2,490.2	2,621.0	2,345.9	2,475.9	2,235.6	2,355.1	
Department stores	531	2,114.3	2,222.3	1,995.4	2,097.1	-	2,001.0	2,107.5	1,898.4	2,001.9	
Variety stores	533	234.7	249.2	229.0	239.1		215.4	230.2	208.3	218.0	
Misc. general merchandise stores	539	147.8	156.6	147.6	154.0		129.5	138.2	128.9	135.2	
Food stores	54	2,760.8	2,803.2	2,880.9	2,896.9	2,937.2	2,566.0	2,605.6	2,667.5	2,685.7	
Grocery stores	541	2,402.8	2,427.7	2,527.8	2,528.9	-	2,245.4	2,267.8	2,352.4	2,356.8	
Meat markets and freezer provisioners	542	60.7	63.0	63.9	64.4		-	-	-	-	
Dairy products stores	545	40.9	45.1	37.4	42.2		-	-	-	-	
Retail bakeries	546	162.2	164.4	167.9	170.3		146.4	148.3	150.6	152.7	
Automotive dealers and service stations	55	1,847.5	1,844.9	1,917.6	1,915.6	1,916.1	1,552.0	1,549.4	1,607.0	1,603.4	
New and used car dealers	551,2	868.6	867.8	913.5	914.7	-	718.3	716.9	756.7	757.0	
Auto and home supply stores	553	302.4	300.4	305.1	305.6		253.3	252.7	246.5	246.1	
Gasoline service stations	554	599.7	600.4	617.2	615.6		519.7	519.9	538.3	536.4	

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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
Retail trade—Continued											
Apparel and accessory stores	56	1,049.0	1,106.8	1,038.9	1,081.0		890.9	948.1	879.7	920.9	
Men's and boys' clothing and furnishings	561	115.3	125.3	110.2	114.4		97.0	106.5	92.3	96.3	
Women's ready-to-wear stores	562	378.6	395.4	390.2	402.4		323.7	340.7	333.8	346.7	
Family clothing stores	565	215.5	235.4	205.6	217.3		188.8	208.4	178.5	190.5	
Shoe stores	566	212.3	218.8	205.6	210.1		172.6	179.7	166.8	170.7	
Furniture and home furnishings stores	57	711.4	725.2	759.6	772.6		595.6	610.0	641.1	653.0	
Furniture and home furnishings stores	571	407.1	410.0	426.9	432.5		340.8	344.5	358.9	363.6	
Furniture stores	5712	253.8	257.4	267.9	270.7		-	-	-	-	
Household appliance stores	572	84.9	86.7	88.4	89.2		72.2	74.3	74.8	75.5	
Radio, television, and music stores	573	219.4	228.5	244.3	250.9		182.6	191.2	207.4	213.9	
Radio and television stores	5732	153.6	158.9	171.7	177.6		-	-	-	-	
Music stores	5733	65.8	69.6	72.6	73.3		-	-	-	-	
Eating and drinking places	58	5,472.7	5,488.6	5,780.8	5,732.7	5,750.7	5,011.3	5,022.4	5,259.7	5,221.3	
Miscellaneous retail	59	2,262.9	2,348.6	2,256.2	2,340.8		1,965.7	2,048.0	1,934.5	2,019.0	
Drug stores and proprietary stores	591	555.5	567.9	571.9	579.8		488.3	499.6	498.2	505.0	
Liquor stores	592	128.7	132.8	126.3	127.1		-	-	-	-	
Miscellaneous shopping goods stores	594	785.0	833.7	751.4	817.7		686.0	734.8	638.6	705.5	
Sporting goods and bicycle shops	5941	132.2	139.2	130.8	138.2		-	-	-	-	
Book stores	5942	70.9	76.6	73.8	78.5		-	-	-	-	
Stationery stores	5943	72.4	74.3	77.7	79.2		-	-	-	-	
Jewelry stores	5944	163.9	179.8	147.9	159.2		-	-	-	-	
Gift, novelty, and souvenir shops	5947	133.2	140.9	125.2	133.6		-	-	-	-	
Sewing, needlework, and piece goods	5949	76.2	75.7	79.7	81.6		-	-	-	-	
Nonstore retailers	596	278.1	284.2	270.3	278.7		253.3	257.9	244.7	252.7	
Mail order houses	5961	143.7	146.7	134.6	142.2		-	-	-	-	
Merchandising machine operators	5962	82.3	82.4	82.0	81.9		-	-	-	-	
Fuel and ice dealers	598	108.9	111.3	110.2	112.7		91.4	93.4	92.0	94.5	-
Retail stores, nec	599	333.2	345.4	348.9	347.7		277.2	289.5	289.4	289.1	
Finance, insurance, and real estate²		5,735	5,760	5,998	6,024	6,049	4,253	4,267	4,442	4,457	4,472
Finance		2,885	2,900	3,014	3,032	3,052					
Banking	60	1,684.1	1,691.8	1,723.1	1,728.4		1,243.4	1,244.2	1,259.1	1,262.7	
Commercial and stock savings banks	602	1,526.9	1,533.6	1,562.0	1,565.3		1,119.7	1,120.0	1,134.9	1,137.4	
State banks, Federal Reserve	6022	333.5	335.0	340.0	341.3		-	-	-	-	
State banks, not Federal Reserve	6023,4	378.3	379.8	388.2	389.4		-	-	-	-	
Mutual savings banks	603	76.0	76.6	79.2	80.1		-	-	-	-	
Credit agencies other than banks	61	715.9	721.9	778.1	785.8		546.1	550.8	592.7	598.3	
Savings and loan associations	612	332.7	335.0	351.8	355.1		256.0	258.0	269.4	272.3	
Federal savings and loan associations	6122	188.5	189.4	201.0	202.8		-	-	-	-	
State associations, insured	6123	135.3	136.6	141.5	142.9		-	-	-	-	
Personal credit institutions	614	207.9	209.0	222.2	223.9		160.8	161.9	173.5	174.7	
Business credit institutions	615	45.2	45.8	52.1	52.7		-	-	-	-	
Mortgage bankers and brokers	616	106.1	108.2	128.3	130.5		-	-	-	-	
Security, commodity brokers, and services	62	342.4	342.9	360.9	364.8						
Security brokers and dealers	621	276.3	276.4	290.5	294.0						
Holding and other investment offices	67	142.5	143.4	151.7	153.0						
Insurance		1,771	1,780	1,835	1,843	1,851					
Insurance carriers	63	1,238.5	1,244.2	1,270.7	1,274.5		840.3	845.2	867.3	870.1	
Life insurance	631	531.1	533.4	539.4	539.8		322.8	324.6	330.4	329.7	
Medical service and health insurance	632	157.6	159.3	170.1	171.7		126.7	128.3	138.8	140.0	
Fire, marine, and casualty insurance	633	469.5	471.0	477.2	478.8		327.9	329.4	333.5	335.5	
Title insurance	636	46.1	46.1	48.4	48.4		-	-	-	-	
Insurance agents, brokers, and service	64	532.7	535.3	564.2	568.9						

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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
		Finance, insurance, and real estate—Continued									
Real estate, and combined real estate, insurance, etc ...		1,079	1,080	1,149	1,149	1,146					
Real estate	65	1,063.8	1,064.7	1,133.6	1,133.3						
Real estate operators and lessors	651	489.9	492.1	507.3	508.7				-		
Real estate agents and managers	653	421.5	423.2	459.5	462.5						
Subdividers and developers	655	127.9	124.7	140.9	135.9						
Combined real estate, insurance, etc	66	14.9	14.9	15.2	15.2						
Services		21,174	21,159	22,333	22,358	22,383	18,746	18,722	19,715	19,729	19,747
Hotels and other lodging places	70	1,269.3	1,262.8	1,370.9	1,339.3		-	-	-	-	
Hotels, motels, and tourist courts	701	1,235.7	1,230.2	1,334.3	1,304.9		1,114.2	1,107.9	1,202.6	1,174.0	
Personal services	72	1,052.0	1,060.8	1,136.7	1,146.0		-	-	-	-	
Laundry, cleaning, and garment services	721	375.4	376.0	391.0	393.7		335.2	335.5	349.8	352.5	
Photographic studios, portrait	722	61.3	59.2	56.5	61.2		-	-	-	-	
Beauty shops	723	335.5	338.3	359.1	359.6		304.3	307.3	323.9	324.7	
Funeral service and crematories	726	73.5	73.8	75.5	75.4		-	-	-	-	
Business services	73	4,272.2	4,277.4	4,589.1	4,614.1	4,640.7	3,734.5	3,735.3	4,003.8	4,019.6	
Advertising	731	188.2	189.1	191.8	192.6	-	142.9	143.2	143.1	143.8	
Advertising agencies	7311	140.4	141.1	144.1	144.3		-	-	-	-	
Credit reporting and collection	732	82.7	83.5	92.5	94.0		-	-	-	-	
Mailing, reproduction, and stenographic	733	177.1	174.7	187.9	188.1		-	-	-	-	
Services to buildings	734	629.0	630.2	674.2	674.9		572.3	573.6	615.5	616.0	
Personnel supply services	736	886.8	890.5	965.3	963.5		-	-	-	-	
Employment agencies	7361	173.7	176.9	199.0	198.2		-	-	-	-	
Temporary help supply services	7362	675.0	675.7	727.7	727.9		-	-	-	-	
Computer and data processing services	737	496.8	500.8	563.4	571.5		414.4	418.0	464.3	470.6	
Computer programming and software	7372	172.3	175.2	201.0	203.2		-	-	-	-	
Data processing services	7374	243.6	246.4	271.6	275.2		-	-	-	-	
Miscellaneous business services	739	1,803.3	1,800.3	1,905.9	1,921.2		-	-	-	-	
Research development laboratories, nec	7391	199.7	201.1	208.2	210.6		-	-	-	-	
Management and public relations	7392	479.8	485.9	518.9	528.4		-	-	-	-	
Detective and protective services	7393	407.5	410.3	438.9	446.4		-	-	-	-	
Equipment rental and leasing	7394	165.5	165.2	167.9	165.9		-	-	-	-	
Photofinishing laboratories	7395	83.5	80.9	87.7	86.7		-	-	-	-	
Auto repair, services, and garages	75	702.2	701.4	742.7	739.4		592.6	590.6	623.2	621.1	
Automotive rentals, without drivers	751	138.9	138.6	144.8	144.0		-	-	-	-	
Automotive repair shops	753	439.6	437.8	464.7	461.7		365.6	363.1	384.6	383.4	
Miscellaneous repair services	76	326.7	325.8	342.9	345.1		274.5	273.2	287.7	289.3	
Electrical repair shops	762	97.8	97.2	101.2	100.8		-	-	-	-	
Motion pictures	78	221.1	230.2	215.0	214.2		189.7	198.6	180.4	181.1	
Motion picture production and services	781	107.8	112.4	101.7	102.8		90.3	94.7	82.7	84.8	
Motion picture theaters	783	101.2	105.8	101.3	99.4		-	-	-	-	
Amusement and recreation services	79	727.5	729.8	827.6	785.7		649.4	654.0	731.3	688.7	
Health services	80	6,135.8	6,141.7	6,332.7	6,355.8	6,378.9	5,487.9	5,491.4	5,643.9	5,660.9	
Offices of physicians	801	925.8	928.1	986.3	993.3	-	775.4	776.2	817.1	822.2	
Offices of dentists	802	434.6	436.7	447.3	450.9		384.7	386.3	395.5	398.6	
Nursing and personal care facilities	805	1,157.1	1,162.4	1,220.6	1,228.0		1,047.3	1,052.3	1,103.1	1,108.8	
Skilled nursing care facilities	8051	744.8	749.7	787.1	792.6		-	-	-	-	
Nursing and personal care, nec	8059	412.3	412.7	433.5	435.4		-	-	-	-	
Hospitals	806	2,966.2	2,957.9	2,967.5	2,966.6		2,707.9	2,700.1	2,706.3	2,706.3	
General medical and surgical hospitals	8062	2,788.7	2,780.3	2,784.7	2,783.6		-	-	-	-	
Psychiatric hospitals	8063	52.4	52.5	54.7	55.2		-	-	-	-	
Specialty hospitals, excluding psychiatric	8069	125.1	125.1	128.1	127.8		-	-	-	-	
Medical and dental laboratories	807	112.2	112.0	115.7	116.4		-	-	-	-	
Outpatient care facilities	808	197.8	199.4	223.2	225.1		-	-	-	-	

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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
Services—Continued											
Legal services	81	668.5	670.6	712.2	718.8	-	568.3	569.7	605.6	611.7	-
Educational services	82	1,359.0	1,331.0	1,368.6	1,395.7	-	-	-	-	-	-
Elementary and secondary schools	821	366.1	366.3	377.4	379.5	-	-	-	-	-	-
Colleges and universities	822	859.4	830.7	854.4	877.7	-	-	-	-	-	-
Correspondence and vocational schools	824	62.5	63.1	64.0	65.4	-	-	-	-	-	-
Social services	83	1,283.2	1,285.5	1,375.2	1,389.9	-	-	-	-	-	-
Individual and family services	832	258.4	260.4	279.9	284.4	-	-	-	-	-	-
Job training and related services	833	195.1	195.9	207.8	209.1	-	-	-	-	-	-
Residential care	836	272.7	273.4	290.7	293.0	-	-	-	-	-	-
Museums, botanical and zoological gardens	84	44.1	43.7	46.1	45.2	-	-	-	-	-	-
Membership organizations	86	1,496.9	1,499.1	1,501.9	1,504.5	-	-	-	-	-	-
Business associations	861	86.4	86.6	88.7	89.6	-	-	-	-	-	-
Labor organizations	863	135.1	136.7	144.5	145.3	-	-	-	-	-	-
Civic and social associations	864	328.6	329.8	331.8	333.5	-	-	-	-	-	-
Miscellaneous services	89	1,188.1	1,190.9	1,282.8	1,290.2	-	978.4	980.9	1,054.2	1,062.8	-
Engineering and architectural services	891	662.2	662.6	721.5	726.6	-	560.2	559.7	612.9	618.0	-
Noncommercial research organizations	892	111.9	112.0	115.1	115.8	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	893	390.6	393.0	421.6	422.7	-	306.5	309.1	326.6	328.8	-
Government		16,388	16,298	16,612	16,742	16,741	-	-	-	-	-
Federal Government ⁴		2,811	2,824	2,875	2,872	2,887	-	-	-	-	-
Executive, by agency ⁴		2,755.8	2,768.5	2,818.7			-	-	-	-	-
Department of Defense		968.9	968.0	990.7	-	-	-	-	-	-	-
Postal Service ⁵		711.7	723.8	751.1	-	-	-	-	-	-	-
Other executive agencies		1,075.2	1,076.7	1,076.9	-	-	-	-	-	-	-
Legislative		38.6	38.5	38.5	-	-	-	-	-	-	-
Judicial		17.0	17.0	18.0	-	-	-	-	-	-	-
Federal government, by industry:											
Manufacturing activities		137.4	137.5	135.5	135.8						
Shipbuilding and repairing	3731	83.6	83.7	80.4	80.6						
Transportation and public utilities, except Postal Service		39.5	39.5	38.1	37.9						
Services		402.5	401.8	410.1	407.6						
Hospitals	806	240.9	241.2	246.2	245.1						
State government		3,834	3,794	3,911	3,937	3,914					
Hospitals	806	464.0	464.3	465.5	466.2	-					
Education	82	1,595.5	1,555.2	1,600.1	1,631.1						
General administration, including executive, legislative, and judicial functions		1,176.3	1,176.5	1,227.7	1,224.6						
Local government		9,743	9,680	9,826	9,933	9,940					
Transportation and public utilities		495.2	495.2	511.3	511.7	-					
Hospitals	806	612.7	609.2	613.3	613.1						
Education	82	5,510.0	5,471.7	5,537.2	5,643.0						
General administration, including executive, legislative, and judicial functions		2,852.6	2,831.3	2,887.9	2,887.6	-					

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

² 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.

⁵ Includes rural mail carriers.

- Data not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 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. 1984	Oct. 1984	Aug. 1985	Sept. 1985	Oct. 1985
Total	42,471	42,946	43,384	44,225	44,708
Total private	34,720	34,873	36,004	36,224	36,379
Goods-producing	6,989	6,971	6,948	6,965	6,953
Mining	121	121	127	126	126
Construction	438	439	480	479	484
Manufacturing	6,430	6,411	6,341	6,360	6,343
Durable goods	3,096	3,099	3,030	3,030	3,033
Lumber and wood products	108	107	111	111	110
Furniture and fixtures	147	149	152	152	154
Stone, clay, and glass products	118	118	116	116	116
Primary metal industries	105	105	103	103	102
Fabricated metal products	330	331	325	326	326
Machinery, except electrical	493	495	464	462	462
Electrical and electronic equipment	965	962	913	910	907
Transportation equipment	340	342	361	366	368
Instruments and related products	308	309	310	309	308
Miscellaneous manufacturing	181	182	175	175	180
Nondurable goods	3,334	3,312	3,311	3,330	3,310
Food and kindred products	546	527	554	554	536
Tobacco manufactures	26	26	23	25	25
Textile mill products	355	351	335	337	337
Apparel and other textile products	959	958	931	940	941
Paper and allied products	163	164	168	168	167
Printing and publishing	578	581	601	604	605
Chemicals and allied products	286	285	288	289	286
Petroleum and coal products	30	29	28	27	27
Rubber and misc. plastics products	280	280	277	279	280
Leather and leather products	112	112	107	106	106
Service-producing	35,482	35,975	36,436	37,260	37,755
Transportation and public utilities	1,420	1,426	1,463	1,491	1,499
Wholesale trade	1,597	1,616	1,658	1,673	1,695
Retail trade	8,710	8,765	9,095	9,153	9,180
Finance, insurance, and real estate	3,458	3,468	3,678	3,664	3,678
Services	12,546	12,627	13,162	13,278	13,374
Government	7,751	8,073	7,380	8,001	8,329
Federal	974	975	1,027	1,014	1,014
State	1,651	1,724	1,653	1,743	1,825
Local	5,126	5,374	4,700	5,244	5,490

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1984 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	1984			1985									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Total	42,631	42,832	42,919	43,089	43,220	43,390	43,493	43,681	43,720	43,912	44,093	44,190	44,385
Total private	34,672	34,869	34,975	35,118	35,234	35,388	35,477	35,628	35,686	35,778	35,944	35,994	36,176
Goods-producing	6,901	6,911	6,932	6,937	6,917	6,909	6,902	6,879	6,875	6,863	6,877	6,861	6,884
Mining	122	123	123	125	125	126	126	127	126	125	125	126	127
Construction	436	436	436	440	442	445	455	461	464	464	469	472	480
Manufacturing	6,343	6,352	6,373	6,372	6,350	6,338	6,321	6,291	6,285	6,274	6,283	6,263	6,277
Durable goods	3,082	3,088	3,097	3,098	3,085	3,080	3,064	3,050	3,042	3,026	3,032	3,005	3,016
Lumber and wood products	106	106	106	106	106	106	106	106	107	107	108	108	109
Furniture and fixtures	148	151	151	152	152	152	151	151	151	152	154	152	153
Stone, clay, and glass products	116	116	117	117	116	117	116	115	115	115	115	114	114
Primary metal industries	105	105	105	106	106	106	105	104	104	103	102	102	102
Fabricated metal products	329	330	332	331	329	328	327	327	326	324	325	323	324
Machinery, except electrical	496	494	494	494	493	491	487	482	478	471	466	462	463
Electrical and electronic equipment	958	958	958	958	949	944	934	928	922	915	916	903	904
Transportation equipment	340	343	348	350	351	352	356	356	359	361	364	363	366
Instruments and related products	309	310	311	310	310	311	311	310	309	309	310	308	308
Miscellaneous manufacturing	175	175	175	174	173	173	171	171	171	169	172	170	173
Nondurable goods	3,261	3,264	3,276	3,274	3,265	3,258	3,257	3,241	3,243	3,248	3,251	3,258	3,261
Food and kindred products	499	500	507	508	508	509	508	508	514	504	507	505	508
Tobacco manufactures	23	23	23	23	23	23	23	23	23	22	22	23	22
Textile mill products	348	346	345	344	340	337	336	334	333	331	332	333	334
Apparel and other textile products	947	946	949	948	943	938	936	924	918	930	928	932	931
Paper and allied products	162	163	163	163	163	163	164	164	166	166	166	166	166
Printing and publishing	581	583	584	587	589	591	594	596	599	602	603	606	605
Chemicals and allied products	285	286	288	287	286	286	287	286	286	286	285	287	286
Petroleum and coal products	29	29	30	29	29	29	29	29	29	28	28	27	27
Rubber and misc. plastics products	277	279	279	279	279	278	276	274	273	274	275	275	278
Leather and leather products	110	109	108	106	105	104	104	103	102	105	105	104	104
Service-producing	35,730	35,921	35,987	36,152	36,303	36,481	36,591	36,802	36,845	37,049	37,216	37,329	37,501
Transportation and public utilities	1,413	1,419	1,422	1,431	1,439	1,444	1,459	1,469	1,468	1,476	1,475	1,481	1,486
Wholesale trade	1,597	1,604	1,609	1,614	1,619	1,627	1,637	1,641	1,654	1,656	1,661	1,666	1,675
Retail trade	8,712	8,799	8,794	8,840	8,878	8,907	8,931	9,005	9,029	9,046	9,077	9,080	9,125
Finance, insurance, and real estate	3,476	3,491	3,510	3,527	3,540	3,564	3,579	3,600	3,612	3,628	3,652	3,668	3,685
Services	12,573	12,645	12,708	12,769	12,841	12,937	12,969	13,034	13,048	13,109	13,202	13,238	13,321
Government	7,959	7,963	7,944	7,971	7,986	8,002	8,016	8,053	8,034	8,134	8,149	8,196	8,209
Federal	984	987	990	992	992	996	1,000	1,005	1,004	1,007	1,012	1,021	1,023
State	1,683	1,685	1,685	1,702	1,710	1,719	1,724	1,735	1,749	1,766	1,772	1,780	1,782
Local	5,292	5,291	5,269	5,277	5,284	5,287	5,292	5,313	5,281	5,361	5,365	5,395	5,404

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 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	1984	1985											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^p	Dec. ^p
Total private	64,830	65,058	65,177	65,376	65,571	65,735	65,766	65,869	66,110	66,211	66,473	66,654	66,860
Goods-producing	17,585	17,638	17,578	17,574	17,597	17,555	17,495	17,475	17,504	17,470	17,538	17,549	17,621
Mining	691	690	692	691	699	701	694	690	686	684	681	678	675
Construction	3,485	3,549	3,539	3,574	3,649	3,651	3,632	3,648	3,673	3,699	3,717	3,704	3,725
Manufacturing	13,409	13,399	13,347	13,309	13,249	13,203	13,169	13,137	13,145	13,087	13,140	13,167	13,221
Durable goods	7,855	7,843	7,806	7,776	7,730	7,704	7,671	7,630	7,638	7,586	7,627	7,636	7,653
Lumber and wood products	597	595	589	585	579	580	576	583	588	588	596	601	605
Furniture and fixtures	399	400	399	400	397	393	394	394	398	394	395	395	396
Stone, clay, and glass products	462	463	461	462	460	460	459	459	460	459	460	461	463
Primary metal industries	640	640	636	630	621	618	615	609	602	601	605	610	610
Blast furnaces and basic steel products	242	242	240	237	238	234	231	230	221	223	224	231	231
Fabricated metal products	1,102	1,099	1,097	1,094	1,093	1,091	1,086	1,082	1,082	1,080	1,084	1,082	1,082
Machinery, except electrical	1,353	1,346	1,340	1,335	1,325	1,323	1,314	1,303	1,298	1,284	1,290	1,284	1,282
Electrical and electronic equipment	1,371	1,366	1,357	1,345	1,322	1,313	1,303	1,290	1,288	1,273	1,275	1,275	1,280
Transportation equipment	1,251	1,257	1,251	1,251	1,264	1,260	1,260	1,253	1,260	1,251	1,267	1,270	1,273
Motor vehicles and equipment	687	691	677	671	682	678	678	671	675	663	678	672	674
Instruments and related products	400	399	400	399	397	394	394	391	392	389	388	391	393
Miscellaneous manufacturing	280	278	276	275	272	272	270	266	270	267	267	267	269
Nondurable goods	5,554	5,556	5,541	5,533	5,519	5,499	5,498	5,507	5,507	5,501	5,513	5,531	5,568
Food and kindred products	1,135	1,138	1,138	1,143	1,138	1,141	1,153	1,139	1,146	1,141	1,141	1,144	1,156
Tobacco manufactures	50	51	50	49	50	49	49	49	48	49	48	49	46
Textile mill products	623	622	614	610	611	605	603	602	601	600	603	604	605
Apparel and other textile products	1,000	998	992	986	983	970	962	978	970	975	976	979	988
Paper and allied products	514	515	514	515	513	516	516	516	517	516	517	522	525
Printing and publishing	768	773	775	777	778	780	782	788	790	788	789	794	797
Chemicals and allied products	581	580	580	579	578	575	575	574	574	575	575	570	572
Petroleum and coal products	111	111	111	110	109	108	108	108	108	104	104	105	107
Rubber and misc. plastics products	622	620	621	619	615	611	607	606	608	608	615	620	626
Leather and leather products	150	148	146	145	144	144	143	147	145	145	145	144	146
Service-producing	47,245	47,420	47,599	47,802	47,974	48,180	48,271	48,394	48,606	48,741	48,935	49,105	49,239
Transportation and public utilities	4,337	4,344	4,355	4,358	4,365	4,385	4,382	4,390	4,369	4,403	4,414	4,430	4,441
Wholesale trade	4,570	4,589	4,596	4,610	4,631	4,644	4,662	4,663	4,676	4,685	4,702	4,708	4,719
Retail trade	15,233	15,278	15,337	15,391	15,430	15,521	15,568	15,574	15,652	15,668	15,732	15,743	15,743
Finance, insurance, and real estate	4,284	4,298	4,309	4,328	4,343	4,364	4,381	4,400	4,416	4,436	4,451	4,475	4,490
Services	18,821	18,911	19,002	19,115	19,205	19,266	19,278	19,367	19,493	19,549	19,636	19,749	19,846

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

1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 forward are subject to revision.

Corrected seasonal adjustment factors for production workers in blast furnaces and basic steel products for August and November 1985 are 100.9 and 97.5 respectively. The corrected factor for motor vehicles and equipment in September 1985 is 101.5.

**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	1983.....	52.2	45.9	59.7	70.0	68.9	63.0	72.7	69.5	73.2	74.1	66.8	68.9
	1984.....	67.3	72.7	66.8	67.3	60.5	64.3	65.7	58.1	48.4	66.5	55.1	63.5
	1985.....	57.6	50.3	55.9	44.6	50.3	47.0	54.9	56.8	45.7	63.5	^P 60.5	^P 64.6
Over 3-month span	1983.....	46.2	53.2	63.0	73.5	71.9	73.8	72.7	80.3	80.8	78.6	74.6	74.3
	1984.....	78.1	75.9	77.6	68.9	69.7	67.0	65.4	60.3	60.0	56.5	67.0	60.0
	1985.....	58.6	54.1	46.8	45.9	44.1	49.7	50.5	49.2	53.8	^P 53.0	^P 66.5	
Over 6-month span	1983.....	50.0	62.4	65.7	67.8	74.3	78.4	79.7	79.5	78.9	79.2	79.7	78.4
	1984.....	79.2	77.8	77.3	75.4	69.2	64.9	63.2	64.1	67.0	59.7	57.6	60.3
	1985.....	52.2	49.5	44.3	44.6	44.3	42.4	46.8	^P 50.5	^P 54.9			
Over 12-month span	1983.....	48.6	55.1	61.4	68.6	72.4	75.1	77.0	79.7	78.4	80.8	81.6	81.1
	1984.....	81.9	78.4	76.8	75.1	72.7	73.0	70.0	65.7	63.5	60.5	56.2	51.9
	1985.....	50.8	48.4	49.5	47.3	^P 45.1	^P 48.1						

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 1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Alabama	1,400.4	1,405.6	1,410.6	14.6	15.2	15.1	65.2	69.8	69.2
Birmingham	356.9	364.2	364.7	7.6	7.8	7.8	19.7	21.0	21.1
Huntsville	108.8	112.2	112.1	.1	.1	.1	4.2	4.4	4.4
Mobile	154.6	154.9	155.9	1.0	1.0	1.0	11.2	12.2	12.0
Montgomery	115.1	116.4	116.7	.1	.1	.1	6.8	6.9	7.0
Tuscaloosa	53.5	55.3	55.5	2.6	2.9	2.9	2.4	3.0	3.0
Alaska	224.2	234.5	227.4	8.8	9.6	9.6	18.1	20.9	16.4
Arizona	1,234.2	1,280.2	1,288.6	12.8	11.2	11.0	103.6	109.7	109.0
Phoenix	808.4	840.5	845.9	.6	.6	.6	71.6	75.9	75.7
Tucson	221.8	232.2	234.5	2.8	2.4	2.3	19.4	21.4	21.1
Arkansas	796.8	806.3	803.4	5.5	5.3	5.2	36.5	38.1	37.0
Fayetteville-Springdale	43.3	43.7	43.7	(¹)	(¹)	(¹)	1.7	1.9	1.8
Fort Smith	67.0	67.2	66.9	1.3	1.2	1.1	3.0	3.1	3.0
Little Rock-North Little Rock	217.8	218.9	218.8	.4	.4	.4	11.9	12.2	11.9
Pine Bluff	31.2	31.9	31.9	(¹)	(¹)	(¹)	1.3	1.7	1.8
California	10,743.9	10,978.1	10,991.0	49.8	48.2	48.3	455.1	484.5	476.7
Anaheim-Santa Ana	983.3	997.0	997.0	4.3	4.1	4.1	48.8	50.8	50.9
Bakersfield	151.6	156.3	158.0	15.5	15.8	16.0	8.3	9.1	9.1
Fresno	190.2	192.2	193.0	1.1	1.1	1.1	10.9	11.3	11.2
Los Angeles-Long Beach	3,798.1	3,876.3	3,891.6	12.1	12.0	11.9	113.1	122.8	122.2
Modesto	90.5	94.1	94.3	.1	.1	.1	5.3	6.0	6.0
Oakland	748.8	774.9	780.4	2.0	2.0	2.0	42.4	46.9	46.3
Oxnard-Ventura	177.0	184.4	185.8	3.3	3.1	3.1	8.4	9.0	8.9
Riverside-San Bernardino	495.6	509.3	513.0	1.3	1.3	1.3	34.3	39.1	39.0
Sacramento	478.2	493.6	495.5	.8	.9	.9	24.8	28.2	27.1
Salinas-Seaside-Monterey	95.9	99.6	99.4	.3	.3	.3	3.5	3.9	3.9
San Diego	755.8	784.7	787.4	.6	.6	.7	45.0	49.0	47.9
San Francisco	917.1	925.0	930.2	2.5	2.0	2.0	30.8	34.0	33.8
San Jose	796.8	794.8	794.2	.2	.2	.2	31.5	33.7	33.0
Santa Barbara-Santa Maria-Lompoc	137.4	138.2	138.6	1.4	1.5	1.5	6.4	6.6	6.5
Santa Rosa-Petaluma	110.8	111.9	112.2	.7	.8	.8	7.1	7.5	7.4
Stockton	126.6	132.7	130.9	.1	.1	.1	6.7	7.7	7.5
Vallejo-Fairfield-Napa	110.0	113.7	113.5	.4	.4	.4	6.0	6.3	6.3
Colorado	1,409.8	1,431.0	1,431.9	35.8	33.7	33.6	90.6	92.6	84.7
Denver-Boulder	915.6	928.8	925.2	23.9	22.3	22.3	55.2	57.0	51.7
Connecticut	1,564.2	1,583.5	1,590.8	1.5	1.2	1.2	65.8	70.8	70.4
Bridgeport-Milford	190.5	192.3	193.0	(¹)	(¹)	(¹)	6.4	6.7	6.6
Hartford	434.3	435.4	437.9	.2	.3	.3	15.6	16.0	15.9
New Britain	62.0	61.3	61.3	(¹)	(¹)	(¹)	3.0	3.2	3.1
New Haven-Meriden	237.0	241.0	242.7	.3	.3	.3	11.1	11.7	11.6
Stamford	118.8	120.7	121.1	.7	.6	.6	4.7	4.9	4.9
Waterbury	86.6	85.9	86.8	(¹)	(¹)	(¹)	3.5	3.6	3.6
Delaware	288.9	295.2	296.8	.1	.1	.1	17.4	19.0	18.8
Wilmington	253.6	256.7	257.4	.2	.2	.2	18.6	18.9	18.6
District of Columbia	615.4	626.9	630.5	.1	.1	.1	11.4	12.0	11.9
Washington MSA	1,842.1	1,904.4	1,920.3	.9	1.0	1.0	99.1	111.9	111.7
Florida	4,328.8	4,490.4	4,539.7	10.2	10.0	10.1	337.2	339.5	343.0
Daytona Beach	94.7	98.1	98.7	(¹)	(¹)	(¹)	6.8	7.0	7.0
Fort Lauderdale-Hollywood-Pompano Beach	413.5	416.3	421.6	.4	.4	.4	34.0	34.6	34.9
Fort Myers-Cape Coral	90.0	92.9	94.3	(¹)	(¹)	(¹)	11.0	11.0	11.1
Gainesville	83.8	83.2	83.4	(¹)	(¹)	(¹)	4.4	4.2	4.1
Jacksonville	347.7	362.7	364.6	.6	.6	.6	25.9	27.4	27.5
Lakeland-Winter Haven	132.5	131.1	132.6	4.9	4.8	4.8	9.0	9.7	9.8
Melbourne-Titusville-Palm Bay	129.4	131.0	132.5	(¹)	(¹)	(¹)	8.3	7.9	8.1
Miami-Hialeah	784.3	782.4	785.4	.8	.9	.9	39.5	37.0	37.2
Orlando	389.8	398.7	401.9	(¹)	(¹)	(¹)	32.4	29.9	31.0
Pensacola	117.2	117.4	117.3	.5	.3	.4	9.1	8.7	8.4
Sarasota	87.8	86.1	86.1	(¹)	(¹)	(¹)	9.7	9.1	8.9
Tallahassee	90.9	96.4	96.5	(¹)	(¹)	(¹)	4.5	4.9	4.9
Tampa-St. Petersburg-Clearwater	705.0	719.8	724.5	.7	.7	.7	58.7	58.6	58.9
West Palm Beach-Boca Raton-Delray Beach	275.2	279.5	285.6	(¹)	(¹)	(¹)	25.9	25.8	26.8

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Alabama	358.8	348.3	348.2	72.5	72.6	72.3	299.9	294.6	299.7
Birmingham	53.3	54.5	54.6	29.7	29.5	29.6	86.1	87.8	88.5
Huntsville	30.6	31.6	31.7	2.3	2.4	2.3	21.6	22.4	22.5
Mobile	25.5	24.6	25.0	9.7	9.0	9.0	41.4	41.7	42.2
Montgomery	17.5	17.6	17.4	4.7	4.7	4.7	26.3	26.5	26.8
Tuscaloosa	8.3	8.1	8.0	1.9	1.9	1.9	11.1	11.4	11.6
Alaska	8.3	9.7	8.5	18.5	19.5	18.8	46.1	46.6	46.6
Arizona	178.5	183.2	182.5	62.1	63.5	64.0	301.5	308.1	314.7
Phoenix	129.8	131.1	130.0	40.7	41.9	42.3	205.7	209.6	215.2
Tucson	29.7	32.2	32.5	8.8	8.7	8.7	49.5	50.6	51.0
Arkansas	212.3	209.8	209.0	46.9	47.8	47.2	178.0	180.1	180.4
Fayetteville-Springdale	9.6	9.3	9.2	3.2	3.3	3.3	10.6	10.5	10.7
Fort Smith	22.5	22.7	22.3	3.4	3.4	3.4	15.1	14.7	15.0
Little Rock-North Little Rock	33.7	33.3	33.1	14.4	14.3	14.2	52.1	52.1	52.5
Pine Bluff	5.8	5.7	5.5	3.3	3.2	3.2	6.4	6.6	6.7
California	2,065.1	2,068.2	2,058.2	552.9	558.1	557.5	2,593.4	2,664.5	2,675.1
Anaheim-Santa Ana	236.0	231.9	231.6	32.4	33.0	32.8	245.0	251.9	251.4
Bakersfield	10.7	10.8	10.8	7.8	8.0	8.0	40.0	40.1	40.9
Fresno	22.1	23.2	22.6	10.2	10.0	10.1	48.6	47.6	48.3
Los Angeles-Long Beach	909.6	915.4	919.1	199.0	200.3	199.1	888.2	900.8	906.1
Modesto	18.8	20.9	20.1	4.5	4.5	4.5	23.8	24.0	24.4
Oakland	103.4	105.2	105.0	46.0	49.7	50.3	190.9	195.0	199.0
Oxnard-Ventura	25.9	26.7	26.5	7.2	8.4	9.0	45.0	46.5	47.2
Riverside-San Bernardino	61.8	63.3	63.4	28.6	28.4	28.3	128.0	130.1	131.8
Sacramento	32.8	34.6	34.1	23.7	23.3	23.2	118.8	121.0	122.8
Salinas-Seaside-Monterey	8.7	9.1	8.5	4.7	5.0	5.0	26.5	27.1	27.5
San Diego	117.0	120.7	120.7	31.0	30.9	30.8	181.9	188.9	190.9
San Francisco	87.5	85.3	85.5	86.0	82.9	82.8	207.3	211.8	215.4
San Jose	292.8	282.7	280.5	22.5	22.6	22.5	148.4	151.6	153.4
Santa Barbara-Santa Maria-Lompoc	24.3	23.3	23.1	5.5	5.4	5.4	31.5	32.1	32.4
Santa Rosa-Petaluma	18.2	17.9	17.6	5.1	5.1	5.1	28.3	28.7	29.1
Stockton	20.6	22.2	21.5	7.7	8.0	7.8	30.8	32.8	32.2
Vallejo-Fairfield-Napa	9.8	10.2	9.7	4.4	4.4	4.4	26.7	27.4	27.8
Colorado	195.5	192.9	192.4	86.3	87.9	87.9	347.5	350.3	354.7
Denver-Boulder	134.1	130.6	130.0	63.5	66.0	66.1	223.4	226.8	229.2
Connecticut	426.4	418.3	418.5	68.1	69.1	69.4	345.6	350.2	354.1
Bridgeport-Milford	65.2	64.0	63.9	7.2	7.4	7.5	42.7	43.2	43.7
Hartford	93.8	93.1	93.4	16.1	16.3	16.4	91.0	93.1	94.4
New Britain	24.2	22.1	22.0	3.2	3.3	3.4	11.2	11.6	11.6
New Haven-Meriden	49.3	48.8	48.8	18.1	18.4	18.6	55.1	56.9	57.7
Stamford	30.3	29.2	28.9	4.6	4.7	4.7	28.1	28.9	29.3
Waterbury	30.3	28.1	28.2	3.1	3.2	3.2	16.9	17.6	18.0
Delaware	72.8	70.3	70.2	12.4	12.4	12.4	65.0	66.2	67.5
Wilmington	64.5	61.4	61.2	12.3	12.0	12.0	53.1	53.8	55.1
District of Columbia	14.8	14.9	14.9	26.1	26.7	26.7	64.9	65.9	66.9
Washington MSA	78.1	79.1	80.0	85.1	90.1	89.8	375.5	383.9	392.0
Florida	513.1	518.9	524.7	246.0	250.6	252.5	1,143.6	1,170.1	1,185.8
Daytona Beach	10.8	10.8	10.9	3.3	3.6	3.6	27.4	27.9	28.4
Fort Lauderdale-Hollywood-Pompano Beach	45.1	44.3	44.7	21.0	20.9	21.1	121.2	119.5	122.0
Fort Myers-Cape Coral	4.1	4.5	4.5	4.3	4.5	4.5	26.8	27.9	28.9
Gainesville	5.7	5.0	5.0	1.7	1.6	1.7	17.7	17.0	16.8
Jacksonville	36.4	37.1	37.0	26.8	28.2	28.3	94.7	96.6	98.1
Lakeland-Winter Haven	23.4	22.4	23.1	5.6	5.8	5.9	35.2	33.8	34.6
Melbourne-Titusville-Palm Bay	26.5	25.9	26.1	5.3	5.5	5.5	28.6	29.3	29.7
Miami-Hialeah	97.0	96.0	96.0	71.1	70.9	71.3	203.3	201.2	201.6
Orlando	45.6	47.4	47.9	19.9	20.5	21.1	106.1	110.5	111.4
Pensacola	12.4	11.7	11.6	6.0	6.3	6.2	28.7	29.2	29.7
Sarasota	7.0	6.8	6.9	3.4	3.5	3.5	25.5	25.0	25.1
Tallahassee	3.9	3.9	3.8	2.8	2.9	2.9	19.3	19.2	19.2
Tampa-St. Petersburg-Clearwater	88.7	89.7	90.2	35.9	36.4	36.2	193.0	195.8	197.7
West Palm Beach-Boca Raton-Delray Beach	36.6	35.9	36.5	10.5	10.3	10.4	70.9	72.9	74.3

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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Alabama	63.5	66.4	66.7	228.6	236.3	235.2	297.3	302.4	304.2
Birmingham	25.0	25.9	26.0	76.5	78.3	78.2	59.0	59.4	58.9
Huntsville	3.0	3.0	3.0	18.9	20.3	20.1	28.1	28.0	28.0
Mobile	7.5	7.4	7.4	31.2	31.5	31.6	27.1	27.5	27.7
Montgomery	6.6	6.7	6.7	22.5	22.9	22.9	30.6	31.0	31.1
Tuscaloosa	1.6	1.7	1.7	7.1	7.3	7.3	18.5	19.0	19.1
Alaska	12.5	13.2	13.1	43.6	44.5	43.8	68.3	70.5	70.6
Arizona	73.2	78.7	79.5	283.5	299.6	300.1	219.0	226.2	227.8
Phoenix	57.1	61.7	62.5	193.7	203.3	203.4	109.2	116.4	116.2
Tucson	10.3	10.8	10.9	52.1	57.0	57.5	49.2	49.1	50.5
Arkansas	36.4	37.9	37.9	133.9	137.9	137.0	147.3	149.4	149.7
Fayetteville-Springdale	1.5	1.6	1.6	6.0	6.1	6.1	10.7	11.0	11.0
Fort Smith	2.5	2.6	2.6	12.3	12.2	12.2	6.9	7.3	7.3
Little Rock-North Little Rock	14.8	15.3	15.3	45.4	46.3	46.3	45.1	45.0	45.1
Pine Bluff	1.5	1.6	1.6	5.6	5.5	5.5	7.3	7.6	7.6
California	703.4	716.5	715.8	2,574.7	2,672.0	2,676.4	1,749.5	1,766.1	1,783.0
Anaheim-Santa Ana	72.2	74.0	74.3	235.8	240.3	240.0	108.8	111.0	111.9
Bakersfield	5.7	5.8	5.8	28.3	29.0	29.1	35.3	37.7	38.3
Fresno	12.8	12.9	12.9	42.5	43.5	43.3	42.0	42.6	43.5
Los Angeles-Long Beach	253.0	258.7	258.9	955.1	996.5	999.7	468.0	469.8	474.6
Modesto	3.9	4.0	4.0	18.6	19.1	19.1	15.5	15.5	16.1
Oakland	44.1	46.0	46.2	164.8	174.8	174.9	155.2	155.3	156.7
Oxnard-Ventura	11.2	11.2	11.2	36.9	38.9	38.9	39.1	40.6	41.0
Riverside-San Bernardino	21.0	21.6	21.7	112.0	113.8	114.9	108.6	111.7	112.6
Sacramento	26.7	27.6	27.7	95.9	99.5	100.8	154.7	158.5	158.9
Salinas-Seaside-Monterey	4.8	4.8	4.9	22.7	24.1	23.7	24.7	25.3	25.6
San Diego	49.4	49.7	49.9	186.5	197.2	198.1	144.4	147.7	148.4
San Francisco	111.9	111.3	110.7	257.3	263.3	264.3	133.8	134.4	135.7
San Jose	31.3	31.9	31.9	191.3	192.7	192.2	78.8	79.4	80.5
Santa Barbara-Santa Maria-Lompoc	7.1	7.1	7.1	35.8	36.4	36.6	25.4	25.8	26.0
Santa Rosa-Petaluma	7.3	7.3	7.3	23.1	23.7	23.6	21.0	20.9	21.3
Stockton	6.5	6.3	6.3	26.1	27.2	27.0	28.1	28.4	28.5
Vallejo-Fairfield-Napa	4.0	4.1	4.1	23.4	24.9	24.7	35.3	36.0	36.1
Colorado	93.2	97.2	96.8	306.9	313.9	318.4	254.0	262.5	263.6
Denver-Boulder	66.8	68.8	68.3	205.8	212.4	212.2	142.9	144.9	145.4
Connecticut	124.4	127.6	128.2	341.1	355.5	355.2	191.3	190.8	193.8
Bridgeport-Milford	9.1	9.2	9.3	41.5	43.2	43.3	18.3	18.6	18.7
Hartford	69.0	64.3	64.6	93.4	97.4	97.3	55.2	54.9	55.6
New Britain	2.8	3.0	3.0	11.1	11.6	11.5	6.5	6.5	6.7
New Haven-Meriden	13.9	13.8	13.9	59.8	62.1	62.4	29.4	29.0	29.4
Stamford	9.4	9.7	9.7	30.8	32.4	32.6	10.2	10.3	10.4
Waterbury	3.8	3.9	4.0	18.7	19.3	19.4	10.3	10.2	10.4
Delaware	18.1	19.4	19.5	59.4	62.4	62.2	43.7	45.6	46.1
Wilmington	16.4	17.9	18.0	53.2	55.6	55.1	35.3	36.8	37.2
District of Columbia	36.1	36.3	36.3	207.5	212.7	214.3	254.5	258.3	259.4
Washington MSA	105.5	110.8	111.5	550.6	577.3	579.8	547.3	550.3	554.5
Florida	305.5	322.0	323.1	1,096.5	1,160.9	1,174.2	676.7	718.4	726.3
Daytona Beach	5.8	6.5	6.5	25.0	26.6	26.5	15.6	15.7	15.8
Fort Lauderdale-Hollywood-Pompano Beach	33.6	34.3	34.3	106.6	110.9	112.4	51.6	51.4	51.8
Fort Myers-Cape Coral	7.1	7.2	7.4	22.7	23.4	23.5	13.8	14.2	14.2
Gainesville	3.4	3.3	3.3	17.9	18.4	18.2	32.9	33.6	34.2
Jacksonville	31.0	32.9	33.1	79.4	85.2	84.9	52.9	54.7	55.1
Lakeland-Winter Haven	7.8	8.2	8.3	27.9	28.3	27.9	18.0	18.1	18.2
Melbourne-Titusville-Palm Bay	4.7	5.1	5.2	36.3	37.1	37.8	19.6	20.1	20.1
Miami-Hialeah	62.6	62.9	63.0	206.4	209.7	211.0	103.6	103.8	104.4
Orlando	25.3	26.0	26.3	112.4	114.0	113.4	48.1	50.4	50.8
Pensacola	5.0	5.3	5.3	28.0	28.3	28.1	27.5	27.6	27.6
Sarasota	7.3	7.1	7.2	23.7	23.4	23.3	11.1	11.1	11.1
Tallahassee	4.4	4.4	4.4	17.7	18.0	18.0	38.0	42.8	43.0
Tampa-St. Petersburg-Clearwater	53.9	56.8	56.7	182.7	188.5	189.9	91.4	93.3	94.2
West Palm Beach-Boca Raton-Delray Beach	21.4	21.9	22.2	75.4	76.5	78.9	34.5	36.1	36.4

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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Georgia	2,548.9	2,633.3	2,642.8	8.1	7.9	7.9	143.2	157.0	156.7
Albany	48.6	48.4	47.9	.1	(¹)	(¹)	2.3	2.4	2.5
Athens	59.2	59.5	59.5	(¹)	.1	.1	1.5	1.9	1.9
Atlanta	1,241.2	1,297.6	1,305.9	1.2	1.2	1.2	70.1	81.2	78.8
Augusta	136.5	139.6	139.8	.4	.5	.5	6.9	7.3	7.4
Columbus	89.6	88.0	88.0	.1	.1	.1	5.4	5.3	5.3
Macon-Warner Robins	111.4	112.0	112.0	.2	.1	.1	4.8	4.8	4.8
Savannah	95.0	95.5	96.2	(¹)	(¹)	(¹)	5.8	6.1	6.0
Hawaii	415.1	420.1	423.6	(¹)	(¹)	(¹)	14.4	18.5	18.1
Honolulu	336.5	339.1	342.7	(¹)	(¹)	(¹)	12.0	15.5	15.4
Idaho	330.2	343.1	340.9	3.8	3.9	3.6	13.2	16.0	15.2
Boise City	84.7	86.4	86.3	(¹)	(¹)	(¹)	5.3	5.5	5.4
Illinois	4,710.1	4,715.2	4,714.2	24.8	25.8	25.7	166.6	183.1	176.5
Aurora-Elgin	126.4	125.1	126.8	(¹)	(¹)	(¹)	4.0	4.5	4.7
Bloomington-Normal	52.0	52.6	52.4	(¹)	(¹)	(¹)	1.3	1.5	1.4
Champaign-Urbana-Rantoul	76.0	78.3	78.5	(¹)	(¹)	(¹)	1.7	1.8	1.8
Chicago	2,873.4	2,849.4	2,856.6	2.2	2.3	2.2	100.2	103.3	101.1
Davenport-Rock Island-Moline	144.0	146.0	146.0	(¹)	(¹)	(¹)	4.6	5.2	5.1
Decatur	50.3	49.5	49.9	(¹)	(¹)	(¹)	1.8	1.8	1.8
Joliet	91.7	93.5	93.9	(¹)	(¹)	(¹)	4.8	4.7	4.8
Kankakee	30.9	31.1	31.3	(¹)	(¹)	(¹)	1.2	1.3	1.3
Lake County	172.5	175.3	175.6	(¹)	(¹)	(¹)	5.8	6.4	6.3
Peoria	129.4	126.9	126.8	(¹)	(¹)	(¹)	5.7	6.1	6.1
Rockford	115.0	115.5	115.4	(¹)	(¹)	(¹)	3.4	3.8	3.6
Springfield	86.8	87.8	87.2	(¹)	(¹)	(¹)	2.5	2.9	2.6
Indiana	2,173.0	2,258.5	2,259.1	10.6	10.1	10.1	88.7	111.6	109.7
Anderson	47.7	48.3	48.1	(¹)	(¹)	(¹)	1.2	1.4	1.3
Elkhart-Goshen	88.4	90.3	90.3	(¹)	(¹)	(¹)	2.4	2.6	2.6
Evansville	122.4	123.4	123.7	2.8	2.7	2.7	7.2	7.3	7.1
Fort Wayne	162.0	166.6	166.8	(¹)	(¹)	(¹)	7.0	7.8	7.6
Gary-Hammond	214.2	216.6	215.3	(¹)	(¹)	(¹)	10.8	12.4	11.6
Indianapolis	546.1	558.2	558.9	(¹)	(¹)	(¹)	24.7	28.0	27.7
Lafayette	61.0	61.8	61.6	(¹)	(¹)	(¹)	1.8	1.8	1.7
Muncie	47.4	48.8	48.8	(¹)	(¹)	(¹)	1.5	1.8	1.7
South Bend-Mishawaka	105.2	106.1	106.6	(¹)	(¹)	(¹)	4.4	4.7	4.7
Terre Haute	52.6	53.8	53.2	.4	.4	.4	2.0	2.2	2.1
Iowa	1,077.8	1,072.1	1,068.9	2.1	2.1	2.0	41.0	39.1	36.4
Cedar Rapids	78.5	78.7	79.1	.1	.1	.1	2.5	2.9	2.7
Des Moines	189.1	190.0	190.5	(¹)	(¹)	(¹)	7.3	8.4	8.2
Dubuque	40.3	40.8	40.7	(¹)	(¹)	(¹)	1.3	1.4	1.3
Iowa City	49.8	48.6	48.7	(¹)	(¹)	(¹)	1.9	1.7	1.6
Sioux City	48.4	48.8	48.9	(¹)	(¹)	(¹)	1.6	2.2	2.1
Waterloo-Cedar Falls	62.5	60.3	59.7	(¹)	(¹)	(¹)	2.4	2.9	2.6
Kansas	980.9	991.8	994.1	18.0	16.8	16.8	43.8	45.4	43.3
Lawrence	29.0	30.1	30.6	(¹)	(¹)	(¹)	1.1	1.2	1.3
Topeka	83.2	83.7	84.2	(¹)	(¹)	(¹)	3.1	3.0	2.8
Wichita	203.6	205.0	205.4	3.5	3.2	3.2	9.8	10.0	9.9
Kentucky	1,231.2	1,259.7	1,254.1	46.0	45.3	43.9	54.4	59.3	58.2
Lexington-Fayette	161.8	164.7	163.4	.7	1.0	1.0	8.6	9.8	9.5
Louisville	401.6	410.8	411.4	.7	.7	.7	19.0	21.0	20.7
Owensboro	32.9	31.6	31.1	1.1	1.2	.8	1.8	1.5	1.5
Louisiana	1,610.9	1,598.7	1,596.7	82.3	77.7	77.2	115.9	114.7	112.8
Alexandria	45.5	45.7	45.9	.3	.3	.3	2.9	3.1	3.0
Baton Rouge	219.1	220.4	221.0	1.2	1.3	1.3	23.8	26.2	26.0
Houma-Thibodaux	63.6	60.3	60.4	8.5	8.2	8.2	3.5	2.9	3.1
Lafayette	99.1	95.3	95.0	17.5	15.2	15.1	5.3	5.5	5.2
Lake Charles	60.9	57.6	57.5	2.1	2.0	2.0	4.2	3.4	3.4
Monroe	54.3	54.9	54.8	.7	.8	.7	3.2	3.6	3.5
New Orleans	543.3	530.3	529.4	20.2	19.5	19.5	33.4	31.7	31.1
Shreveport	145.0	143.3	139.8	5.2	4.7	4.5	8.9	9.6	9.1
Maine	450.4	464.3	459.1	.1	.2	.2	20.2	24.4	23.3
Lewiston-Auburn	36.6	37.5	37.3	(¹)	(¹)	(¹)	1.6	1.7	1.7
Portland	104.1	107.1	106.8	(¹)	(¹)	(¹)	5.4	6.2	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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Georgia	552.5	549.7	550.4	159.1	162.6	162.6	648.1	682.5	688.9
Albany	10.6	10.4	9.9	2.5	2.4	2.3	11.5	11.7	11.5
Athens	15.7	15.5	15.4	1.6	1.7	1.7	12.6	12.5	12.6
Atlanta	179.2	178.4	179.2	102.6	106.4	106.2	353.4	370.9	376.1
Augusta	35.9	36.5	36.5	4.3	4.3	4.4	28.3	28.7	28.9
Columbus	22.2	20.5	20.4	3.3	3.5	3.5	19.9	19.2	19.3
Macon-Warner Robins	19.1	19.1	19.1	4.3	4.6	4.5	24.3	23.7	23.9
Savannah	16.1	16.2	16.4	10.2	10.0	10.2	22.9	23.2	23.5
Hawaii	21.0	21.0	21.0	32.2	32.8	32.8	112.6	112.9	113.4
Honolulu	14.9	15.2	15.3	26.6	27.1	27.2	89.8	89.2	89.7
Idaho	54.6	56.5	56.0	19.3	19.3	19.2	84.3	85.4	85.3
Boise City	10.5	10.6	10.6	5.5	5.4	5.3	21.6	22.4	22.5
Illinois	977.6	948.3	944.6	278.2	279.1	277.8	1,174.9	1,174.0	1,185.7
Aurora-Elgin	37.0	34.8	34.9	3.3	3.3	3.4	35.8	33.8	34.6
Bloomington-Normal	5.2	5.0	4.9	3.2	3.1	3.1	12.5	12.5	12.6
Champaign-Urbana-Rantoul	6.9	7.3	7.2	2.4	2.4	2.4	18.4	18.6	18.7
Chicago	593.8	580.9	577.2	173.2	176.4	176.8	695.7	697.9	707.1
Davenport-Rock Island-Moline	31.1	31.4	31.6	8.0	8.1	8.0	39.1	39.2	39.1
Decatur	15.8	14.9	14.8	3.9	3.8	3.9	11.2	11.3	11.7
Joliet	20.1	21.0	21.1	8.9	9.0	9.0	21.7	22.0	22.2
Kankakee	5.6	5.3	5.4	.7	1.2	1.2	7.8	7.7	7.8
Lake County	40.9	40.6	40.7	5.0	5.1	5.2	44.4	42.2	42.9
Peoria	33.9	30.3	30.1	6.6	6.6	6.5	31.9	32.2	32.5
Rockford	45.2	44.0	44.2	4.3	4.3	4.2	25.1	25.0	25.1
Springfield	4.9	3.7	3.6	4.1	4.3	4.3	17.9	17.6	17.8
Indiana	621.2	617.1	613.8	107.6	110.6	110.5	508.1	530.6	537.5
Anderson	19.3	19.3	19.0	1.2	1.2	1.3	10.2	10.4	10.4
Elkhart-Goshen	47.6	48.4	48.2	2.8	2.8	2.8	16.8	17.2	17.3
Evansville	31.9	31.6	31.7	6.6	6.8	6.7	30.9	31.0	31.5
Fort Wayne	46.4	46.3	45.9	10.5	10.9	10.9	39.4	40.8	41.8
Gary-Hammond	61.0	59.9	59.5	13.4	13.7	13.6	50.3	50.5	50.6
Indianapolis	111.7	106.5	105.5	32.1	32.7	32.8	140.4	144.7	146.8
Lafayette	11.6	11.3	11.3	1.9	1.8	1.8	12.3	12.7	12.9
Muncie	11.2	10.9	10.9	2.0	2.1	2.1	11.4	11.9	12.0
South Bend-Mishawaka	25.8	25.0	25.3	4.4	4.5	4.5	28.0	28.4	28.7
Terre Haute	10.3	10.8	10.6	2.7	2.6	2.6	14.8	14.7	14.7
Iowa	211.2	206.8	206.0	50.6	50.4	50.3	272.3	268.2	267.9
Cedar Rapids	21.6	21.7	21.6	3.6	3.7	3.7	19.4	18.9	19.0
Des Moines	23.8	21.8	21.8	11.0	11.8	11.7	50.1	49.6	50.1
Dubuque	12.1	12.2	12.1	1.8	1.7	1.7	8.9	9.0	9.1
Iowa City	4.1	4.1	4.1	1.1	1.2	1.1	9.2	8.9	9.2
Sioux City	9.6	10.1	10.2	3.3	3.2	3.2	12.7	12.0	12.1
Waterloo-Cedar Falls	15.7	13.7	13.4	2.1	2.0	2.0	14.3	13.9	14.0
Kansas	177.6	176.4	176.6	64.6	63.9	63.8	246.4	249.1	251.5
Lawrence	4.2	4.4	4.4	1.2	1.2	1.2	6.1	6.4	6.4
Topeka	9.4	9.2	9.5	7.5	7.3	7.2	19.2	19.8	20.1
Wichita	55.6	55.8	56.1	10.4	10.6	10.5	48.8	48.9	49.2
Kentucky	259.1	254.4	253.5	66.7	69.7	68.9	291.8	298.1	297.9
Lexington-Fayette	29.7	28.9	28.6	7.5	7.6	7.6	38.1	38.1	38.2
Louisville	88.4	85.8	85.3	23.5	22.6	22.6	100.7	105.0	105.7
Owensboro	6.5	6.1	6.1	2.3	2.2	2.2	8.4	7.8	7.8
Louisiana	185.1	174.6	173.2	118.5	114.8	114.8	384.9	384.3	388.0
Alexandria	3.5	3.5	3.5	2.3	2.3	2.3	11.3	11.4	11.5
Baton Rouge	21.8	20.5	20.6	10.4	10.7	10.9	53.8	52.4	52.9
Houma-Thibodaux	6.1	6.0	5.8	7.4	6.9	6.9	15.3	14.2	14.3
Lafayette	6.2	5.7	5.8	7.2	7.1	7.1	26.3	24.9	25.0
Lake Charles	10.1	9.5	9.4	4.5	4.4	4.4	15.1	14.1	14.1
Monroe	7.2	7.2	7.2	2.7	2.6	2.6	16.0	16.5	16.8
New Orleans	48.3	46.6	46.6	47.1	44.9	44.6	143.6	142.3	144.1
Shreveport	23.2	19.8	18.7	8.7	8.1	7.9	34.4	35.0	35.0
Maine	109.4	105.2	104.8	19.4	19.9	19.5	103.8	108.6	107.2
Lewiston-Auburn	11.0	10.6	10.4	1.3	1.4	1.4	8.7	8.9	9.1
Portland	16.2	16.0	16.2	5.7	5.7	5.6	30.3	30.5	30.7

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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Georgia	132.2	137.1	137.4	458.6	485.7	487.3	447.1	450.8	451.6
Albany	2.3	2.3	2.3	7.1	7.0	7.0	12.4	12.2	12.3
Athens	1.7	1.8	1.8	8.5	8.3	8.3	17.4	17.6	17.7
Atlanta	84.1	87.8	88.3	273.3	294.6	298.6	177.5	177.0	177.5
Augusta	5.1	5.7	5.7	22.1	22.8	22.7	33.5	33.7	33.8
Columbus	5.9	6.1	6.1	13.1	13.1	13.0	19.8	20.2	20.3
Macon-Warner Robins	6.6	6.9	6.9	19.3	19.3	19.2	32.7	33.4	33.5
Savannah	4.2	4.2	4.2	19.0	18.7	18.9	16.8	17.1	17.1
Hawaii	31.8	32.1	32.3	109.4	110.3	110.9	93.7	92.5	95.1
Honolulu	27.3	27.5	27.6	86.1	86.8	87.2	79.8	77.8	80.3
Idaho	23.4	23.7	23.6	61.6	65.6	65.9	70.0	72.7	72.1
Boise City	8.0	8.2	8.3	16.9	17.4	17.3	16.2	16.8	16.9
Illinois	317.5	324.4	324.3	1,058.7	1,079.3	1,077.3	711.8	701.2	702.3
Aurora-Elgin	6.5	6.5	6.5	25.2	27.1	27.6	14.5	15.0	15.0
Bloomington-Normal	8.5	8.7	8.7	9.8	10.1	10.0	11.5	11.7	11.7
Champaign-Urbana-Rantoul	2.5	2.5	2.5	12.6	12.7	12.6	31.5	33.0	33.3
Chicago	229.9	235.2	236.4	729.5	703.3	704.1	348.9	350.1	351.7
Davenport-Rock Island-Moline	7.2	7.3	7.3	26.9	27.4	27.3	27.0	27.4	27.6
Decatur	2.7	2.6	2.6	9.1	9.3	9.3	5.7	5.6	5.6
Joliet	3.6	3.6	3.6	17.2	17.4	17.5	15.1	15.5	15.4
Kankakee	1.4	1.5	1.5	7.1	7.4	7.4	7.1	6.7	6.7
Lake County	7.0	6.9	7.0	38.6	42.0	41.5	30.1	31.4	31.3
Peoria	6.3	6.4	6.4	28.9	29.2	29.1	15.8	16.1	16.1
Rockford	4.4	4.6	4.6	21.0	21.8	21.8	11.5	12.0	11.9
Springfield	7.6	7.6	7.6	19.1	20.3	20.2	30.5	31.3	31.0
Indiana	103.6	107.6	107.7	391.4	424.2	422.7	341.7	346.7	347.2
Anderson	1.6	1.6	1.6	8.6	8.8	8.8	5.6	5.6	5.7
Elkhart-Goshen	2.2	2.3	2.3	11.5	11.8	11.8	5.1	5.2	5.3
Evansville	4.6	4.7	4.7	26.7	27.6	27.5	11.7	11.7	11.8
Fort Wayne	10.7	10.8	10.9	31.3	32.9	32.6	16.6	17.0	17.0
Gary-Hammond	7.7	7.7	7.7	41.5	41.7	41.6	29.4	30.6	30.6
Indianapolis	39.6	40.6	40.5	112.6	118.7	118.6	84.1	86.2	86.2
Lafayette	2.7	2.8	2.8	10.2	10.4	10.4	20.4	20.9	20.6
Muncie	1.5	1.5	1.5	8.6	9.3	9.3	11.1	11.3	11.3
South Bend-Mishawaka	4.9	5.1	5.1	26.8	27.6	27.6	10.9	10.8	10.7
Terre Haute	1.7	1.8	1.8	10.3	10.7	10.5	10.4	10.6	10.5
Iowa	62.0	63.1	63.2	226.4	229.5	228.3	212.1	212.9	214.7
Cedar Rapids	4.6	4.7	4.7	16.2	16.7	16.8	10.3	10.0	10.4
Des Moines	23.8	24.4	24.6	44.1	45.5	45.4	28.9	28.5	28.7
Dubuque	1.4	1.5	1.5	11.1	11.7	11.6	3.6	3.5	3.5
Iowa City	1.2	1.3	1.2	7.0	6.5	6.4	25.4	24.9	25.0
Sioux City	2.6	2.6	2.6	12.2	12.4	12.4	6.4	6.4	6.4
Waterloo-Cedar Falls	3.1	3.1	3.1	13.0	12.9	12.7	11.9	11.9	11.9
Kansas	52.1	52.8	52.9	186.0	195.6	194.9	192.4	191.8	194.3
Lawrence .....	.9	.9	.9	4.7	5.0	4.9	10.8	11.0	11.5
Topeka	5.9	5.9	5.9	18.2	18.8	18.8	19.8	19.6	19.8
Wichita	10.0	10.1	10.2	40.3	42.2	41.8	25.2	24.2	24.5
Kentucky	55.9	58.4	58.2	233.8	242.9	241.0	223.5	231.6	232.5
Lexington-Fayette	7.9	8.4	8.4	35.7	37.1	36.1	33.6	33.8	34.0
Louisville	25.5	26.1	26.3	87.9	91.5	91.6	56.0	58.1	58.4
Owensboro	1.2	1.2	1.2	6.8	6.7	6.7	4.8	4.9	4.8
Louisiana	83.2	84.2	84.5	314.9	319.2	318.6	326.1	329.2	327.6
Alexandria	2.5	2.5	2.5	9.8	9.9	10.0	12.9	12.7	12.8
Baton Rouge	13.4	13.6	13.6	40.2	40.2	40.4	54.5	55.5	55.3
Houma-Thibodaux	2.4	2.4	2.4	9.3	8.7	8.7	11.1	11.0	11.0
Lafayette	4.1	4.0	4.0	19.3	19.3	19.1	13.2	13.6	13.7
Lake Charles	2.8	2.7	2.7	11.0	10.6	10.6	11.1	10.9	10.9
Monroe	4.1	4.3	4.2	10.6	10.6	10.5	9.8	9.3	9.3
New Orleans	32.2	31.5	31.6	131.6	127.2	127.7	86.9	86.6	84.2
Shreveport	7.8	7.9	7.9	31.4	32.5	30.9	25.4	25.7	25.8
Maine	20.0	20.9	20.9	89.8	96.4	93.2	87.7	88.7	90.0
Lewiston-Auburn	1.7	1.8	1.8	8.8	9.5	9.3	3.5	3.6	3.6
Portland	9.0	9.4	9.5	23.1	24.5	24.0	14.4	14.8	14.9

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	Total			Mining			Construction		
	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Maryland	1,848.9	1,904.9	1,923.5	1.7	1.5	1.3	124.0	143.2	148.4
Baltimore MSA	988.3	993.2	1,000.5	.2	.2	.2	54.3	57.5	57.9
Baltimore City	439.1	437.6	441.3	(¹)	(¹)	(¹)	17.5	18.2	18.4
Suburban Maryland-D.C.	638.4	658.3	663.6	.4	.5	.5	49.7	55.2	55.0
Massachusetts	2,924.5	3,013.7	3,021.6	1.2	1.2	1.2	105.4	117.6	117.4
Boston	1,678.3	1,768.5	1,777.4	.5	.6	.5	56.2	64.1	64.4
Brockton	68.1	70.8	71.4	(¹)	(¹)	(¹)	2.9	3.7	3.7
Fall River	55.3	56.5	57.0	(¹)	(¹)	(¹)	1.8	2.0	2.0
Fitchburg-Leominster	39.0	39.2	39.7	(¹)	(¹)	(¹)	1.6	1.9	1.9
Lawrence-Haverhill	150.5	162.0	162.5	(¹)	(¹)	(¹)	7.6	11.8	11.4
Lowell	102.5	104.9	106.1	(¹)	(¹)	(¹)	4.0	5.4	5.2
New Bedford	67.6	69.6	70.1	(¹)	(¹)	(¹)	2.1	2.3	2.3
Pittsfield	40.1	41.4	41.6	(¹)	(¹)	(¹)	1.4	1.6	1.5
Springfield	231.0	239.2	240.4	.1	.2	.2	6.7	7.4	7.4
Worcester	180.5	186.8	188.4	.2	.1	.1	7.0	8.0	8.0
Michigan	3,400.6	3,506.6	3,504.8	9.3	8.6	9.6	95.3	108.7	106.9
Ann Arbor	144.4	154.1	155.1	.2	(¹)	(¹)	3.2	5.7	5.7
Battle Creek	53.5	54.2	53.9	(¹)	(¹)	(¹)	1.6	2.0	1.7
Benton Harbor	58.8	59.5	60.2	.1	(¹)	(¹)	1.2	1.5	1.4
Detroit	1,700.1	1,749.1	1,754.1	.7	.7	.6	51.4	55.3	55.3
Flint	171.6	173.8	175.7	(¹)	(¹)	(¹)	4.1	4.4	4.2
Grand Rapids	283.4	289.9	291.0	.4	(¹)	(¹)	10.4	11.3	11.0
Jackson	47.7	47.7	47.9	.3	(¹)	(¹)	1.2	1.4	1.2
Kalamazoo	96.3	99.0	99.1	.1	(¹)	(¹)	3.1	3.5	3.3
Lansing-East Lansing	188.1	192.1	195.5	.4	(¹)	(¹)	4.1	5.4	5.6
Muskegon	54.1	55.2	55.0	.1	(¹)	(¹)	1.7	1.9	1.8
Saginaw-Bay City-Midland	145.4	150.0	150.4	.2	(¹)	(¹)	5.2	6.3	6.2
Minnesota	1,881.3	1,911.5	1,905.6	8.4	9.2	8.7	78.1	84.1	78.9
Duluth	86.8	85.8	85.1	4.7	5.3	5.0	3.1	3.1	2.9
Minneapolis-St. Paul	1,213.6	1,234.3	1,235.6	(¹)	(¹)	(¹)	51.3	55.2	53.5
Rochester	55.5	56.8	57.0	(¹)	(¹)	(¹)	1.9	2.2	2.1
St. Cloud	61.6	63.1	62.4	(¹)	(¹)	(¹)	3.0	3.5	3.5
Mississippi	840.5	856.1	857.9	9.2	8.9	8.9	38.7	41.8	42.1
Jackson	165.6	167.5	168.1	1.8	1.7	1.7	8.4	9.0	9.3
Missouri	2,041.8	2,051.0	2,043.1	5.9	6.4	6.3	85.1	85.4	83.1
Kansas City	675.3	678.6	678.9	.7	.8	.8	29.1	29.2	28.4
St. Joseph	35.8	33.6	33.6	(¹)	(¹)	(¹)	1.5	1.6	1.6
St. Louis	1,057.9	1,065.3	1,064.2	3.6	3.7	3.7	53.6	52.5	52.0
Springfield	96.7	98.0	98.1	.1	.1	.1	3.5	4.3	4.1
Montana	285.9	282.3	280.7	7.7	7.1	6.5	13.2	13.3	12.3
Nebraska	645.7	653.1	652.7	1.9	1.8	1.8	26.3	25.5	24.4
Lincoln	102.6	103.0	103.3	(¹)	(¹)	(¹)	4.0	4.2	4.0
Omaha	281.9	287.0	286.9	.3	.3	.3	11.9	12.7	12.3
Nevada	440.7	450.8	450.6	7.0	6.9	6.8	23.2	24.9	23.8
Las Vegas	246.9	252.7	253.9	.4	.3	.3	13.7	14.9	14.6
Reno	123.0	125.3	124.2	.8	.9	.8	5.8	6.4	5.6
New Hampshire	453.0	484.0	483.5	.4	.7	.6	27.8	35.9	35.5
Manchester	78.3	79.9	80.5	(¹)	(¹)	(¹)	4.4	5.0	5.1
Nashua	82.6	84.4	85.1	.1	.2	.2	3.5	4.2	4.2
New Jersey	3,397.8	3,490.5	3,493.8	2.2	2.3	2.3	143.7	159.8	158.9
Atlantic City	143.3	154.8	152.1	(¹)	(¹)	(¹)	6.8	7.2	7.2
Bergen-Passaic	640.2	651.4	654.4	(¹)	.1	.1	25.2	25.7	25.7
Camden	385.5	395.3	396.8	.1	.1	.1	17.5	19.5	19.4
Jersey City	229.9	233.7	234.5	(¹)	(¹)	(¹)	5.6	7.0	7.0
Middlesex-Somerset-Hunterdon	464.5	478.8	480.1	(¹)	.6	.6	19.5	22.3	22.1
Monmouth-Ocean	283.1	300.4	298.5	(¹)	(¹)	(¹)	16.8	21.2	21.0
Newark	934.5	940.3	943.7	.7	.7	.7	33.7	35.8	35.6
Trenton	173.4	177.2	178.9	(¹)	(¹)	(¹)	4.2	4.2	4.1
Vineland-Millville-Bridgeton	51.3	51.6	51.6	(¹)	.3	.3	2.0	1.9	2.1

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. 1984	Oct. 1985	Nov. 1985 ^p	Nov. 1984	Oct. 1985	Nov. 1985 ^p	Nov. 1984	Oct. 1985	Nov. 1985 ^p
Maryland	217.7	210.5	211.0	92.5	91.7	92.9	467.1	477.8	484.5
Baltimore MSA	140.9	134.4	134.8	58.6	56.1	56.5	240.4	241.0	244.2
Baltimore City	54.4	51.2	51.7	34.0	31.9	32.4	94.0	92.3	94.0
Suburban Maryland-D.C.	33.0	32.0	32.3	19.4	20.3	20.4	175.6	176.0	179.4
Massachusetts	690.1	674.5	672.7	125.4	129.7	129.6	679.1	710.7	719.0
Boston	336.3	350.0	350.9	77.3	79.6	79.7	376.0	395.4	401.6
Brockton	13.2	12.8	12.8	4.5	4.4	4.5	19.5	20.3	20.7
Fall River	20.2	20.3	20.4	1.8	1.7	1.7	12.7	13.3	13.5
Fitchburg-Leominster	13.8	13.0	13.4	1.5	1.4	1.5	9.4	9.5	9.6
Lawrence-Haverhill	55.7	58.7	58.8	6.0	6.3	6.3	30.3	32.3	32.5
Lowell	42.4	40.7	41.6	3.3	3.4	3.3	20.7	21.5	21.6
New Bedford	25.1	25.3	25.3	2.4	2.5	2.5	15.1	16.0	16.2
Pittsfield	12.3	12.5	12.6	1.0	.8	1.0	10.1	10.9	11.0
Springfield	57.3	56.0	56.4	9.0	9.4	9.4	53.7	56.5	57.3
Worcester	49.4	50.0	50.1	7.9	7.5	7.6	42.2	42.7	43.6
Michigan	958.2	966.0	958.9	137.9	141.3	140.7	764.2	785.8	792.4
Ann Arbor	37.7	35.6	35.7	3.5	4.0	4.0	19.5	23.8	24.3
Battle Creek	14.6	14.6	14.2	1.9	1.8	1.8	9.5	9.4	9.7
Benton Harbor	19.9	20.0	20.1	2.5	2.4	2.4	11.7	12.0	12.0
Detroit	464.4	464.0	461.5	74.4	75.7	75.5	401.8	410.7	417.9
Flint	66.0	67.4	68.3	4.5	4.3	4.3	40.6	40.9	41.8
Grand Rapids	94.7	97.5	97.2	10.8	11.0	11.0	69.5	70.1	71.3
Jackson	12.3	12.5	12.5	4.5	4.1	4.1	10.2	10.0	10.3
Kalamazoo	28.3	29.4	29.7	2.8	2.8	2.8	21.4	21.7	21.6
Lansing-East Lansing	37.1	37.3	38.7	5.2	5.3	5.1	36.8	36.0	36.8
Muskegon	19.3	19.5	19.5	2.9	2.8	2.8	10.8	11.1	11.2
Saginaw-Bay City-Midland	46.0	46.8	46.4	7.0	6.9	6.9	33.1	34.0	34.7
Minnesota	380.4	375.2	370.4	98.5	100.9	100.5	478.1	480.4	483.4
Duluth	6.4	6.5	6.4	6.9	6.2	6.2	22.4	21.2	21.3
Minneapolis-St. Paul	261.5	257.9	256.1	68.2	67.9	68.0	304.1	303.4	307.0
Rochester	11.0	11.2	11.2	1.9	1.9	1.9	12.1	12.3	12.5
St. Cloud	10.3	10.1	9.6	3.8	4.1	4.1	17.8	18.5	18.4
Mississippi	219.6	220.9	221.1	40.1	40.6	40.3	182.0	186.0	188.0
Jackson	20.1	19.3	19.1	10.2	10.2	10.2	42.2	42.8	43.3
Missouri	432.9	429.2	425.4	135.4	133.4	132.8	488.8	491.3	492.9
Kansas City	119.8	121.0	120.8	52.1	51.8	51.8	174.2	170.7	173.0
St. Joseph	8.6	8.0	8.0	1.9	1.7	1.7	8.5	8.1	8.2
St. Louis	228.1	229.3	225.9	74.0	73.9	73.1	251.5	250.7	253.5
Springfield	19.5	18.8	18.8	6.1	5.9	5.9	27.1	27.5	27.5
Montana	22.5	22.1	21.7	20.6	19.9	19.7	78.3	76.2	76.9
Nebraska	89.7	88.0	86.8	42.8	43.2	43.1	164.3	164.3	165.1
Lincoln	12.8	13.1	13.0	6.3	6.1	6.1	22.3	21.6	21.9
Omaha	36.4	35.1	34.6	23.1	23.7	23.8	71.1	70.8	71.0
Nevada	21.4	21.3	21.4	25.1	25.6	25.7	90.0	90.7	92.5
Las Vegas	7.6	7.6	7.5	14.1	14.6	14.6	51.2	51.7	52.9
Reno	8.4	8.0	8.0	8.0	8.2	8.1	27.1	27.2	27.7
New Hampshire	126.5	120.3	121.1	15.3	15.7	15.7	108.4	124.5	125.4
Manchester	16.0	15.6	15.5	4.8	4.9	4.9	20.5	20.5	20.9
Nashua	37.5	35.9	36.3	2.2	2.4	2.4	16.7	17.8	18.1
New Jersey	736.3	728.5	726.7	219.6	222.4	222.3	816.2	839.7	845.9
Atlantic City	8.0	8.3	8.4	5.8	6.0	5.9	31.7	34.0	32.3
Bergen-Passaic	171.5	170.8	170.8	30.8	30.6	30.3	183.9	188.1	190.1
Camden	75.1	77.0	76.6	17.0	17.1	17.1	103.3	105.9	107.0
Jersey City	59.3	57.2	57.0	29.0	29.8	30.1	52.0	54.3	54.7
Middlesex-Somerset-Hunterdon	113.7	113.3	113.4	34.5	35.3	35.3	112.2	115.0	116.2
Monmouth-Ocean	33.2	33.9	33.9	13.2	14.6	14.7	77.2	81.3	81.6
Newark	207.2	200.2	200.4	79.1	78.9	78.6	192.0	198.3	200.1
Trenton	33.6	33.2	33.6	5.7	5.7	5.8	28.4	29.2	29.6
Vineland-Millville-Bridgeton	14.5	14.3	13.8	2.0	2.1	2.1	10.1	10.5	10.6

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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Maryland	105.4	113.1	114.0	451.8	473.0	474.5	388.7	394.1	396.9
Baltimore MSA	62.9	66.4	66.8	232.2	236.0	237.7	198.8	201.6	202.4
Baltimore City	40.6	43.2	43.4	118.2	119.4	120.0	80.4	81.4	81.4
Suburban Maryland-D.C.	34.2	35.6	36.0	173.0	182.5	182.0	153.1	156.2	158.0
Massachusetts	178.0	195.3	195.9	771.7	810.5	808.5	373.6	374.2	377.3
Boston	124.0	134.1	134.1	512.1	544.3	544.6	195.9	200.4	201.6
Brockton	2.4	2.6	2.6	13.3	14.7	14.7	12.3	12.3	12.4
Fall River	2.7	2.8	2.8	9.6	9.9	10.0	6.5	6.5	6.6
Fitchburg-Leominster	1.3	1.4	1.4	6.8	7.2	7.1	4.6	4.8	4.8
Lawrence-Haverhill	5.4	5.8	5.9	27.9	30.0	30.5	17.6	17.1	17.1
Lowell	3.0	3.6	3.7	16.5	17.7	17.9	12.5	12.5	12.7
New Bedford	2.4	2.5	2.6	10.8	11.3	11.4	9.7	9.7	9.8
Pittsfield	2.0	2.1	2.1	8.4	8.5	8.3	4.8	4.9	5.0
Springfield	14.0	14.8	14.7	52.5	56.4	56.1	37.7	38.5	38.9
Worcester	10.7	11.8	11.9	40.8	43.7	44.1	22.3	23.0	23.0
Michigan	154.6	160.2	160.3	700.9	738.8	734.5	580.3	597.1	601.5
Ann Arbor	4.1	4.2	4.2	28.4	31.3	31.2	47.9	49.3	49.8
Battle Creek	3.6	3.8	3.8	10.8	11.0	11.1	11.5	11.6	11.6
Benton Harbor	2.0	2.2	2.2	13.1	12.8	13.4	8.3	8.5	8.5
Detroit	90.4	94.3	94.4	389.5	415.0	415.0	228.2	233.4	234.0
Flint	5.7	6.0	6.1	27.2	27.8	28.1	23.5	22.9	22.9
Grand Rapids	11.1	11.2	11.4	58.1	59.5	59.6	28.4	28.9	29.1
Jackson	1.6	1.6	1.6	9.3	9.2	9.3	8.4	8.8	8.8
Kalamazoo	3.8	4.0	4.0	20.8	21.3	21.3	16.0	16.3	16.3
Lansing-East Lansing	9.7	10.2	10.2	31.0	33.2	33.5	63.8	64.2	64.9
Muskegon	1.3	1.4	1.4	10.1	10.5	10.4	7.9	7.9	7.9
Saginaw-Bay City-Midland	5.4	5.7	5.7	28.7	29.6	29.8	19.8	20.5	20.6
Minnesota	106.8	110.9	111.1	429.8	446.3	444.2	301.2	304.5	308.5
Duluth	2.9	3.0	3.1	21.0	19.9	20.0	19.2	20.5	20.3
Minneapolis-St. Paul	80.6	83.9	83.9	287.2	304.2	303.7	159.8	160.8	163.4
Rochester	1.5	1.6	1.6	22.0	22.5	22.6	5.0	5.0	5.0
St. Cloud	2.0	2.1	2.1	12.2	12.4	12.4	12.3	12.2	12.2
Mississippi	34.5	35.2	35.1	127.5	130.0	129.8	188.8	192.7	192.5
Jackson	12.6	12.9	12.9	33.6	34.4	34.4	36.7	37.1	37.2
Missouri	113.6	115.3	114.6	434.3	446.2	442.2	345.8	343.9	345.8
Kansas City	49.7	50.4	50.4	147.1	150.7	148.9	102.6	104.0	104.8
St. Joseph	2.1	2.0	1.9	7.5	7.0	7.0	5.9	5.2	5.2
St. Louis	62.7	64.5	64.3	245.5	253.7	253.9	138.9	137.0	137.8
Springfield	4.3	4.4	4.4	23.0	24.1	24.3	13.1	12.9	13.0
Montana	13.3	13.2	13.1	60.3	61.4	61.0	70.0	69.1	69.5
Nebraska	43.7	45.1	45.1	138.9	144.8	144.8	138.2	140.4	141.5
Lincoln	7.3	7.6	7.7	20.6	20.8	20.9	29.3	29.7	29.7
Omaha	25.6	26.4	26.5	70.4	73.5	73.4	43.1	44.4	45.0
Nevada	20.8	21.3	21.2	192.7	197.4	198.3	60.5	62.7	60.9
Las Vegas	12.1	12.6	12.6	118.7	120.5	120.8	29.1	30.5	30.6
Reno	6.7	6.7	6.7	49.1	50.6	51.9	17.1	17.3	15.4
New Hampshire	24.2	26.1	26.2	90.9	100.7	98.4	59.5	60.1	60.6
Manchester	6.6	6.9	6.9	18.3	19.3	19.4	7.7	7.6	7.7
Nashua	2.7	2.8	2.8	14.0	15.1	15.0	5.9	6.0	6.1
New Jersey	185.0	192.7	192.7	760.9	800.5	796.2	533.8	544.6	548.8
Atlantic City	6.5	7.2	7.1	59.8	66.6	65.4	24.6	25.4	25.7
Bergen-Passaic	31.5	33.0	33.1	128.7	133.8	134.1	68.6	69.3	70.2
Camden	19.2	19.7	19.8	84.5	85.0	84.6	68.8	71.0	72.2
Jersey City	8.4	8.5	8.5	35.7	35.7	35.6	39.8	41.2	41.6
Middlesex-Somerset-Hunterdon	25.2	26.9	26.8	89.3	95.2	94.9	70.0	70.2	70.8
Monmouth-Ocean	13.5	13.7	13.7	71.2	76.9	74.3	58.0	58.8	59.3
Newark	69.1	68.9	69.2	220.4	223.4	224.3	132.4	134.1	134.8
Trenton	8.2	8.3	8.1	46.0	47.2	47.7	47.3	49.4	50.0
Vineland-Millville-Bridgeton	2.7	2.7	2.7	9.0	8.6	8.6	11.1	11.2	11.4

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. 1984	Oct. 1985	Nov. 1985 ^p	Nov. 1984	Oct. 1985	Nov. 1985 ^p	Nov. 1984	Oct. 1985	Nov. 1985 ^p
New Mexico	514.1	522.2	521.8	21.6	19.8	19.4	36.6	37.2	36.8
Albuquerque	212.5	221.0	221.5	.3	.2	.3	15.9	17.9	17.8
Las Cruces	37.3	38.5	38.6	(¹)	(¹)	(¹)	2.7	2.7	2.7
New York	7,687.5	7,793.5	7,835.0	7.2	6.9	6.9	268.3	290.3	287.1
Albany-Schenectady-Troy	378.0	381.6	382.0	.2	.2	.2	14.1	15.5	14.7
Binghamton	118.8	117.3	117.8	(¹)	(¹)	(¹)	4.7	5.2	5.0
Buffalo	411.3	416.4	418.1	.6	.7	.7	14.6	16.7	16.0
Elmira	35.1	34.0	34.2	(¹)	(¹)	(¹)	1.2	1.5	1.4
Glens Falls	40.5	42.0	41.1	(¹)	(¹)	(¹)	1.6	1.7	1.6
Monroe County	361.2	365.3	366.2	.3	.3	.3	11.5	12.3	11.9
Nassau-Suffolk	1,052.6	1,074.1	1,083.2	.2	.2	.2	46.9	49.2	49.2
New York PMSA	3,974.3	4,008.5	4,035.0	1.7	1.5	1.5	122.9	130.8	131.6
New York City	3,482.6	3,513.1	3,537.4	1.3	1.2	1.2	97.0	103.6	104.7
Niagara Falls	77.7	78.7	78.5	(¹)	(¹)	(¹)	3.0	3.7	3.4
Orange County	89.1	90.6	90.9	(¹)	(¹)	(¹)	3.2	3.4	3.4
Poughkeepsie	113.0	113.8	114.3	(¹)	(¹)	(¹)	4.8	5.6	5.6
Rochester	446.2	452.4	452.6	.8	.8	.8	14.9	15.8	15.4
Rockland County	92.6	93.0	94.0	(¹)	(¹)	(¹)	3.9	3.7	3.7
Syracuse	284.6	283.0	282.6	.3	.2	.2	15.8	15.4	14.9
Utica-Rome	118.7	118.6	117.8	.1	.2	.2	3.6	4.2	3.6
Westchester County	384.4	387.4	388.6	.1	.1	.1	21.0	22.5	22.2
North Carolina	2,621.5	2,665.0	2,670.1	4.7	4.7	4.6	142.5	153.4	153.7
Asheville	73.5	75.3	74.9	.1	.1	.1	3.1	3.5	3.5
Charlotte-Gastonia-Rock Hill	494.1	493.5	492.0	.3	.3	.3	25.8	26.1	25.8
Greensboro-Winston-Salem-High Point	428.9	436.4	437.5	.4	.3	.3	20.4	20.3	20.1
Raleigh-Durham	337.2	346.3	347.0	.3	.3	.3	22.4	23.5	23.1
North Dakota	256.6	255.4	254.3	7.6	6.7	6.8	14.7	12.8	11.8
Bismarck	36.3	36.5	36.3	.2	.2	.2	2.0	1.9	1.7
Fargo-Moorhead	68.0	69.9	69.9	(¹)	(¹)	(¹)	3.6	3.9	3.7
Grand Forks	28.5	29.3	29.4	(¹)	(¹)	(¹)	1.4	1.6	1.5
Ohio	4,330.2	4,436.6	4,450.4	27.7	27.4	27.5	154.8	170.1	163.8
Akron	256.1	262.2	262.7	(¹)	(¹)	(¹)	9.0	10.7	10.2
Canton	150.7	154.2	155.0	(¹)	(¹)	(¹)	5.7	6.4	6.1
Cincinnati	609.9	637.2	641.0	(¹)	(¹)	(¹)	22.2	25.4	24.7
Cleveland	856.4	871.5	873.2	(¹)	(¹)	(¹)	28.3	31.4	30.2
Columbus	590.7	618.1	621.6	(¹)	(¹)	(¹)	20.9	24.1	23.6
Dayton-Springfield	401.9	414.3	415.8	(¹)	(¹)	(¹)	14.0	16.7	16.3
Toledo	261.5	270.0	271.2	(¹)	(¹)	(¹)	8.3	9.4	9.3
Youngstown-Warren	184.2	187.5	187.5	(¹)	(¹)	(¹)	6.1	6.8	6.4
Oklahoma	1,192.2	1,185.5	1,182.3	76.1	67.8	67.9	48.8	46.7	46.2
Enid	25.8	24.9	24.9	2.2	1.7	1.8	1.2	1.1	1.1
Lawton	33.3	33.6	33.9	.3	.2	.2	1.1	1.0	1.1
Oklahoma City	442.1	442.8	441.7	20.1	18.7	18.4	18.7	19.2	19.1
Tulsa	301.4	301.7	301.8	21.2	20.7	20.7	14.7	15.2	15.1
Oregon	1,020.5	1,050.5	1,040.3	1.3	1.6	1.4	31.0	34.5	31.2
Eugene-Springfield	98.3	100.4	99.1	.3	.4	.3	3.1	3.8	3.3
Portland	518.0	523.8	525.7	.5	.5	.5	17.8	18.6	17.5
Salem	87.7	92.8	89.5	.1	(¹)	(¹)	2.7	3.1	3.0
Pennsylvania	4,737.9	4,788.1	4,800.5	37.7	37.6	36.6	190.2	214.0	206.2
Allentown-Bethlehem	264.7	265.5	265.4	.3	.4	.4	9.8	10.3	10.3
Altoona	48.7	49.6	49.4	.1	(¹)	(¹)	2.0	2.5	2.3
Beaver County	55.6	54.4	54.2	(¹)	(¹)	(¹)	2.9	3.3	3.2
Delaware Valley	1,640.0	1,637.7	1,655.0	1.0	1.1	1.1	66.6	69.2	67.0
Erie	110.3	111.2	110.9	.2	.3	.3	3.1	3.5	3.4
Harrisburg-Lebanon-Carlisle	272.3	276.7	276.2	.1	.1	.1	10.3	10.3	10.0
Johnstown	77.0	78.1	77.6	5.7	4.9	4.8	3.0	3.6	3.3
Lancaster	164.1	168.2	168.3	.4	.5	.5	7.6	8.9	8.8
Philadelphia PMSA	2,025.8	2,032.8	2,051.9	1.1	1.2	1.2	84.1	88.7	86.4
Philadelphia City	763.6	755.6	765.3	(¹)	(¹)	(¹)	18.1	19.0	18.3
Pittsburgh	841.5	853.4	854.9	5.6	7.1	7.1	40.9	46.0	44.1

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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
New Mexico	37.6	37.7	37.5	30.4	29.9	29.7	121.3	125.4	126.9
Albuquerque	19.6	19.6	19.5	12.3	12.0	12.0	54.7	57.6	58.2
Las Cruces	3.7	3.7	3.2	1.4	1.4	1.4	7.8	8.2	8.4
New York	1,340.5	1,308.7	1,307.6	419.4	416.3	415.1	1,609.7	1,633.9	1,662.4
Albany-Schenectady-Troy	55.2	52.5	52.5	16.6	16.0	16.0	82.6	84.9	85.9
Binghamton	41.4	38.6	38.6	4.2	4.2	4.3	22.2	22.5	23.0
Buffalo	80.7	78.6	78.2	21.6	20.8	20.8	100.4	102.1	104.3
Elmira	8.0	6.7	6.6	1.4	1.4	1.4	9.3	9.3	9.4
Glens Falls	10.2	9.6	9.7	1.3	1.3	1.3	8.7	9.6	9.3
Monroe County	128.3	126.7	126.4	10.5	10.6	10.5	71.4	72.1	73.2
Nassau-Suffolk	181.3	179.2	182.4	46.1	47.1	47.3	284.3	290.2	295.3
New York PMSA	518.0	507.4	506.3	262.0	257.4	256.8	760.3	764.1	776.3
New York City	432.7	421.4	420.5	237.5	234.2	233.6	641.4	644.0	654.5
Niagara Falls	25.1	24.7	24.6	3.9	4.1	4.0	16.7	16.8	16.9
Orange County	15.6	15.3	15.3	5.5	5.8	5.7	21.9	22.8	23.1
Poughkeepsie	34.8	33.6	33.6	3.3	3.2	3.2	19.6	20.2	20.3
Rochester	151.0	149.6	148.9	13.2	13.3	13.2	89.9	91.7	92.6
Rockland County	15.9	15.8	15.9	4.1	4.2	4.2	21.7	22.1	22.5
Syracuse	59.8	56.7	55.6	15.7	15.7	15.8	62.8	64.3	64.7
Utica-Rome	28.1	25.7	25.7	4.5	4.4	4.4	24.4	25.5	25.4
Westchester County	68.1	68.8	68.5	19.8	18.4	18.5	93.6	94.2	95.6
North Carolina	828.0	815.0	814.0	129.8	131.8	131.4	569.3	581.9	585.5
Asheville	19.9	19.8	19.8	3.4	3.5	3.5	17.2	17.7	17.9
Charlotte-Gastonia-Rock Hill	148.2	141.7	141.1	41.6	43.4	43.4	116.1	116.6	117.1
Greensboro-Winston-Salem-High Point	153.2	152.1	152.3	23.0	23.9	23.9	92.3	95.5	96.3
Raleigh-Durham	57.7	57.9	57.9	16.1	16.4	16.4	68.1	69.7	70.9
North Dakota	15.7	16.0	15.8	16.8	16.7	16.5	68.9	69.1	69.2
Bismarck	2.0	2.0	1.9	2.9	2.8	2.8	9.7	9.7	9.8
Fargo-Moorhead	5.1	5.0	5.0	4.0	4.0	4.0	20.3	21.1	21.2
Grand Forks	1.4	1.4	1.4	1.5	1.6	1.5	8.1	8.6	8.7
Ohio	1,133.6	1,110.9	1,113.1	207.9	210.0	209.9	1,002.7	1,046.0	1,057.6
Akron	67.9	65.1	65.2	13.3	13.8	13.8	61.0	63.7	64.8
Canton	46.8	45.7	45.7	6.1	6.2	6.3	35.6	38.1	38.7
Cincinnati	146.1	148.1	149.0	32.2	32.9	32.7	152.1	160.3	162.0
Cleveland	214.8	208.1	208.0	42.8	43.4	43.6	204.8	208.6	210.4
Columbus	106.1	105.2	105.4	27.2	28.1	28.1	145.1	152.5	155.3
Dayton-Springfield	105.4	105.9	105.4	15.4	16.2	16.2	87.4	91.6	93.3
Toledo	65.0	66.1	65.9	14.4	14.3	14.4	64.6	66.9	68.2
Youngstown-Warren	54.4	53.6	53.1	7.7	7.7	7.7	44.3	46.5	47.0
Oklahoma	175.5	169.1	168.3	63.8	62.3	62.1	291.7	291.1	292.5
Enid	1.9	1.9	1.8	2.6	2.5	2.6	7.5	7.0	6.9
Lawton	3.5	3.3	3.3	1.3	1.2	1.2	8.2	8.1	8.2
Oklahoma City	54.3	52.3	51.8	22.1	21.6	21.4	114.7	115.2	115.8
Tulsa	52.1	52.0	52.0	20.7	20.8	20.6	73.2	72.5	73.5
Oregon	197.9	207.1	196.1	55.4	56.0	56.0	259.8	265.1	267.8
Eugene-Springfield	19.2	19.5	18.7	4.0	4.1	4.1	25.3	25.8	26.0
Portland	93.1	93.9	92.6	34.0	34.1	34.4	139.9	140.9	143.3
Salem	13.6	16.5	13.1	2.5	2.6	2.7	19.8	19.4	19.5
Pennsylvania	1,116.5	1,071.0	1,068.1	251.1	250.7	250.3	1,072.3	1,077.9	1,093.6
Allentown-Bethlehem	90.1	84.3	83.7	14.0	14.1	13.8	56.4	57.3	58.5
Altoona	11.6	11.1	11.1	5.1	5.0	4.9	12.1	12.7	12.7
Beaver County	16.4	14.1	13.7	5.2	5.2	5.2	11.8	12.0	12.3
Delaware Valley	324.2	315.2	318.1	79.8	79.4	79.9	368.2	367.2	374.3
Erie	37.1	36.1	35.9	4.4	4.3	4.3	23.8	25.0	25.2
Harrisburg-Lebanon-Carlisle	53.0	51.6	51.2	18.2	17.5	17.4	59.5	62.3	62.7
Johnstown	12.4	12.3	12.0	5.1	5.2	5.1	16.7	16.8	16.9
Lancaster	57.8	57.0	56.7	6.9	7.1	7.0	39.5	40.6	41.3
Philadelphia PMSA	399.4	392.1	394.7	96.8	96.5	97.0	471.5	473.1	481.3
Philadelphia City	108.1	100.6	103.6	45.8	45.5	45.6	151.2	149.1	150.8
Pittsburgh	141.5	135.7	135.8	49.5	48.3	48.1	211.4	214.4	216.8

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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
New Mexico	24.7	25.6	25.6	109.4	112.0	111.6	132.5	134.6	134.3
Albuquerque	12.8	13.4	13.5	53.3	56.1	56.1	43.6	44.2	44.1
Las Cruces	1.4	1.6	1.6	4.9	5.2	5.3	15.4	15.7	16.0
New York	705.6	718.7	719.7	2,000.3	2,070.7	2,072.3	1,336.5	1,348.0	1,363.8
Albany-Schenectady-Troy	18.4	19.0	19.0	87.6	88.9	88.8	103.3	104.5	104.8
Binghamton	3.6	3.6	3.7	21.8	22.2	22.0	20.9	20.9	21.1
Buffalo	22.3	22.8	22.8	100.4	103.9	104.3	70.8	70.9	71.1
Elmira	1.1	1.1	1.1	7.8	7.6	7.7	6.4	6.4	6.5
Glens Falls	1.8	1.8	1.8	8.0	8.9	8.2	8.6	8.9	9.0
Monroe County	17.2	17.5	17.5	82.2	85.5	85.7	39.9	40.3	40.6
Nassau-Suffolk	61.4	62.9	63.0	255.5	268.8	267.2	176.8	176.5	178.6
New York PMSA	528.9	537.7	538.7	1,160.1	1,181.9	1,190.6	620.5	627.7	633.2
New York City	501.8	510.0	510.9	1,029.9	1,049.9	1,058.5	540.9	548.8	553.4
Niagara Falls	1.9	1.9	1.9	14.9	15.3	15.2	12.1	12.1	12.2
Orange County	3.4	3.5	3.5	18.1	18.5	18.3	21.2	21.3	21.6
Poughkeepsie	3.4	3.5	3.6	22.7	23.2	23.2	24.1	24.5	24.5
Rochester	18.9	19.2	19.2	95.7	99.4	99.2	61.8	62.7	63.2
Rockland County	3.5	3.6	3.6	22.3	22.3	22.6	21.1	21.1	21.3
Syracuse	18.0	18.5	18.4	64.7	64.5	64.7	47.4	47.8	48.3
Utica-Rome	5.9	6.1	6.1	22.9	23.9	23.6	29.2	28.6	28.8
Westchester County	23.0	23.5	23.6	104.0	105.8	105.6	54.7	53.9	54.6
North Carolina	106.1	111.6	112.0	407.2	429.3	428.5	433.9	437.4	440.5
Asheville	2.5	2.6	2.6	15.5	16.4	15.9	11.8	11.8	11.6
Charlotte-Gastonia-Rock Hill	26.4	26.9	27.0	80.1	82.9	81.5	55.6	55.6	55.8
Greensboro-Winston-Salem-High Point	19.5	19.7	19.6	68.0	70.2	70.1	52.1	54.2	54.8
Raleigh-Durham	17.5	19.0	19.2	72.9	77.2	76.8	82.2	82.3	82.4
North Dakota	12.3	12.4	12.4	57.7	58.3	58.3	62.9	63.4	63.5
Bismarck	1.7	1.7	1.7	10.0	10.2	10.2	7.8	8.0	8.0
Fargo-Moorhead	4.2	4.4	4.4	17.3	18.0	18.1	13.5	13.5	13.5
Grand Forks	1.1	1.1	1.1	6.0	6.0	6.0	9.0	9.0	9.2
Ohio	213.1	221.4	222.2	917.3	973.0	972.8	673.2	677.8	683.5
Akron	9.4	9.8	9.8	52.4	55.3	54.9	42.3	43.0	43.2
Canton	6.4	6.5	6.6	31.4	33.1	33.2	17.6	17.0	17.4
Cincinnati	35.4	37.2	37.4	139.3	148.2	149.0	82.2	84.6	85.5
Cleveland	48.3	50.3	50.2	201.5	214.3	213.6	114.5	114.2	115.8
Columbus	47.4	50.2	50.4	130.1	141.9	142.2	112.8	115.0	115.5
Dayton-Springfield	16.1	16.5	16.6	90.4	95.1	95.4	72.8	71.9	72.2
Toledo	10.1	10.8	10.9	57.4	60.2	60.0	41.4	42.0	42.2
Youngstown-Warren	7.3	7.4	7.6	39.9	41.2	41.1	23.9	23.6	24.0
Oklahoma	64.8	66.0	65.8	221.1	225.4	224.2	250.4	257.1	255.3
Enid	1.3	1.2	1.2	5.5	5.6	5.6	3.6	3.9	3.9
Lawton	1.6	1.7	1.7	5.6	6.2	6.2	11.7	11.9	12.0
Oklahoma City	28.1	28.7	28.4	85.6	87.6	86.9	98.5	99.5	99.9
Tulsa	17.2	17.1	17.3	68.1	68.7	68.6	34.2	34.7	34.0
Oregon	66.4	68.5	68.8	206.9	214.7	215.2	201.8	203.0	203.8
Eugene-Springfield	4.4	4.3	4.3	19.8	20.6	20.4	22.2	21.9	22.0
Portland	41.6	42.2	42.2	116.3	120.3	120.5	74.8	73.3	74.7
Salem	5.2	5.2	5.2	16.4	17.3	17.3	27.4	28.6	28.6
Pennsylvania	256.6	264.5	264.6	1,130.0	1,192.4	1,193.9	683.5	680.0	687.2
Allentown-Bethlehem	10.4	10.6	10.5	55.3	59.9	59.6	28.4	28.6	28.6
Altoona	1.5	1.6	1.7	9.2	9.7	9.7	7.1	6.9	6.9
Beaver County	1.9	1.9	1.9	10.2	10.8	10.6	7.2	7.1	7.3
Delaware Valley	118.0	121.1	121.3	461.6	466.0	471.4	220.6	218.5	221.9
Erie	5.1	5.1	5.1	23.7	24.3	24.1	12.9	12.6	12.6
Harrisburg-Lebanon-Carlisle	15.0	15.6	15.6	51.8	54.2	53.8	64.4	65.1	65.4
Johnstown	4.1	4.7	4.7	17.8	18.1	18.1	12.2	12.5	12.7
Lancaster	5.7	6.1	6.1	31.2	32.8	32.5	15.0	15.2	15.4
Philadelphia PMSA	137.2	140.8	141.1	546.2	550.9	556.1	289.5	289.5	294.1
Philadelphia City	66.9	67.1	67.3	236.0	238.4	243.0	137.5	135.9	136.7
Pittsburgh	49.7	50.4	50.5	236.6	244.3	244.2	106.3	107.2	108.3

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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Pennsylvania—Continued									
Reading	146.7	145.8	146.6	0.2	(¹)	(¹)	5.5	6.2	6.2
Scranton—Wilkes—Barre	274.0	278.7	276.9	1.0	0.9	0.9	10.1	10.3	10.0
Sharon	40.2	40.3	40.3	.4	.4	.4	1.1	1.0	.9
State College	51.4	53.3	53.1	.4	.3	.3	2.0	2.4	2.2
Williamsport	46.3	46.5	46.8	(¹)	(¹)	(¹)	1.2	1.4	1.4
York	161.2	164.3	164.5	.4	.4	.4	6.9	8.2	8.2
Rhode Island	418.9	422.0	422.4	.1	.1	.1	12.5	14.2	13.8
Pawtucket—Woonsocket—Attleboro	123.1	123.9	124.2	.1	.1	.1	3.5	3.9	3.8
Providence	292.3	293.3	293.5	.1	.1	.1	9.7	10.7	10.4
South Carolina	1,301.1	1,349.7	1,349.2	1.8	1.8	1.8	83.2	90.0	90.1
Charleston	168.3	176.6	177.4	(¹)	(¹)	(¹)	12.5	13.5	13.5
Columbia	200.2	201.3	201.5	(¹)	(¹)	(¹)	12.2	13.0	12.7
Greenville—Spartanburg	280.7	278.8	278.7	(¹)	(¹)	(¹)	18.7	18.6	18.3
South Dakota	247.6	245.5	243.1	2.6	2.4	2.3	9.6	11.0	10.1
Sioux Falls	60.8	60.5	59.5	(¹)	(¹)	(¹)	3.0	3.7	3.3
Tennessee	1,842.0	1,896.8	1,900.4	8.1	7.7	7.5	77.7	80.3	78.6
Chattanooga	177.6	192.4	191.8	1.1	1.2	1.3	7.5	7.8	7.7
Johnson City—Kingsport—Bristol	151.1	152.5	152.5	.2	.2	.2	6.0	7.8	7.5
Knoxville	229.7	230.9	230.4	2.0	2.6	2.6	10.4	9.9	9.8
Memphis	381.5	391.8	393.2	.2	.1	.1	16.9	18.2	18.5
Nashville	413.5	423.8	424.4	.5	.5	.4	23.4	23.1	22.7
Texas	6,514.9	6,642.3	6,648.9	271.9	261.4	260.8	428.2	438.8	434.6
Abilene	53.0	53.7	53.7	3.9	4.0	4.0	2.9	2.9	2.9
Amarillo	80.4	81.9	81.8	1.8	1.5	1.5	4.5	5.1	5.0
Austin	340.2	354.3	355.1	1.1	1.1	1.1	26.9	28.3	27.9
Beaumont—Port Arthur	143.0	135.8	136.1	2.9	2.8	2.8	9.6	8.7	8.6
Brazoria	59.4	58.2	58.5	2.4	2.1	2.0	7.2	6.1	6.2
Brownsville—Harlingen	64.1	64.6	64.8	.1	.1	.1	3.5	3.4	3.4
Bryan—College Station	49.8	51.5	51.2	1.4	1.4	1.4	3.1	2.9	2.8
Corpus Christi	134.4	137.3	137.1	7.9	7.3	7.0	10.8	12.4	12.6
Dallas	1,238.2	1,252.6	1,254.9	23.5	23.5	23.5	78.3	81.0	79.9
El Paso	173.0	175.7	175.6	.4	.5	.5	9.0	9.3	9.1
Ft. Worth—Arlington	468.4	489.5	490.8	4.9	4.6	4.6	28.7	29.7	29.8
Galveston—Texas City	73.4	74.1	74.0	1.1	1.2	1.1	4.4	3.9	3.9
Houston	1,472.6	1,503.3	1,500.9	96.9	96.7	96.0	113.2	110.0	107.3
Killeen—Temple	65.1	66.7	67.0	.1	.1	.1	3.7	4.0	3.8
Laredo	32.0	33.0	33.1	1.8	1.6	1.6	1.1	1.4	1.4
Longview—Marshall	67.1	66.6	65.7	4.8	4.7	4.8	4.8	4.2	4.0
Lubbock	93.4	94.8	95.6	.6	.5	.5	4.4	5.4	5.3
McAllen—Edinburg—Mission	80.1	81.4	83.1	1.8	1.7	1.7	4.3	4.5	4.5
Midland	53.1	51.8	52.3	12.9	11.6	11.6	2.8	2.7	2.8
Odessa	53.8	53.4	53.6	8.7	8.2	8.3	3.9	3.8	3.7
San Angelo	38.8	38.7	39.1	.9	.9	.9	2.6	2.6	2.6
San Antonio	466.6	475.7	477.3	3.6	3.6	3.6	34.8	35.7	35.7
Sherman—Denison	37.2	37.5	37.6	.3	.3	.3	1.2	1.3	1.5
Texarkana	46.0	46.5	46.3	.1	.1	.1	1.9	1.8	1.8
Tyler	61.0	62.8	62.7	3.4	3.3	3.2	2.9	3.3	3.2
Victoria	29.6	29.3	28.9	3.0	2.8	2.9	2.6	2.6	2.4
Waco	78.0	79.2	78.3	.2	.2	.2	4.1	4.4	4.3
Wichita Falls	51.5	51.8	51.7	3.4	3.2	3.2	1.9	2.2	2.2
Utah	620.6	635.0	637.1	11.8	9.1	9.0	39.0	39.3	37.9
Provo—Orem	71.4	74.7	74.8	.2	.1	.1	3.5	3.9	3.7
Salt Lake City—Ogden	426.8	437.2	440.3	3.5	2.0	2.0	25.9	26.0	25.4
Vermont	218.7	230.4	226.3	.4	.5	.4	13.8	16.0	15.3
Burlington	67.8	70.4	69.9	(¹)	(¹)	(¹)	4.1	4.6	4.5
Springfield	13.7	14.2	13.9	(¹)	(¹)	(¹)	1.4	1.8	1.8

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Pennsylvania-Continued									
Reading	53.7	49.7	49.5	6.0	6.2	6.2	30.5	31.2	31.8
Scranton-Wilkes-Barre	76.3	74.3	73.1	14.5	14.9	14.8	60.2	61.7	62.3
Sharon	10.6	10.4	10.3	2.0	2.1	2.1	9.7	10.1	10.2
State College	8.0	7.7	7.7	1.3	1.4	1.4	9.7	10.2	10.2
Williamsport	15.8	15.4	15.2	2.1	2.0	2.0	10.0	10.1	10.3
York	60.0	59.4	59.1	7.4	7.5	7.5	37.8	38.4	39.0
Rhode Island	123.0	120.7	121.1	14.0	14.2	14.1	90.6	91.2	91.8
Pawtucket-Woonsocket-Attleboro	56.9	55.4	55.7	3.4	3.4	3.4	25.6	26.2	26.3
Providence	77.9	76.0	76.2	10.0	10.3	10.3	59.9	61.4	61.8
South Carolina	377.9	370.7	368.9	55.6	56.5	56.6	272.3	290.4	292.2
Charleston	20.1	20.2	20.2	8.5	9.1	9.1	41.1	43.1	43.3
Columbia	28.5	28.6	28.8	9.0	8.9	9.1	42.2	43.1	43.1
Greenville-Spartanburg	101.7	98.0	97.7	9.6	10.1	10.0	60.6	60.9	61.2
South Dakota	28.9	23.6	22.9	12.1	12.7	12.6	64.4	65.2	64.5
Sioux Falls	9.4	5.8	5.5	4.5	4.8	4.7	15.9	16.5	16.4
Tennessee	498.6	482.3	483.5	90.8	93.4	92.3	432.9	462.8	468.2
Chattanooga	44.4	44.1	44.1	7.2	7.2	7.2	39.2	39.4	39.3
Johnson City-Kingsport-Bristol	54.1	53.1	52.9	6.0	6.0	6.0	32.2	30.5	31.0
Knoxville	51.0	47.7	48.8	8.7	9.1	8.8	54.2	56.1	54.9
Memphis	53.0	51.0	50.6	31.3	31.5	32.1	105.7	106.3	107.2
Nashville	86.9	86.1	86.1	22.4	24.8	24.7	99.6	101.4	102.1
Texas	999.1	991.4	988.5	372.0	374.6	374.2	1,631.0	1,646.9	1,654.7
Abilene	5.5	5.8	5.8	2.8	2.7	2.7	14.1	14.6	14.6
Amarillo	9.6	10.0	9.9	6.4	6.1	6.0	24.4	24.8	25.0
Austin	41.4	41.3	41.2	9.1	9.6	9.5	74.2	75.3	75.9
Beaumont-Port Arthur	30.3	26.6	26.6	11.8	11.4	11.4	34.6	33.3	33.9
Brazoria	17.0	16.3	16.2	2.4	2.2	2.2	10.8	10.7	11.0
Brownsville-Harlingen	10.1	9.7	9.8	3.1	3.2	3.2	18.2	18.1	18.3
Bryan-College Station	3.3	3.6	3.6	1.6	1.6	1.6	10.5	11.4	10.9
Corpus Christi	13.7	13.5	13.4	7.6	7.7	7.6	34.0	34.7	35.0
Dallas	224.7	221.9	222.4	76.1	78.1	77.8	330.4	330.8	333.0
El Paso	38.8	39.9	39.2	9.7	9.3	9.1	41.3	41.6	41.9
Ft. Worth-Arlington	103.7	111.0	111.3	23.8	25.1	25.2	132.9	134.9	135.8
Galveston-Texas City	10.3	9.7	9.9	6.0	5.7	5.6	13.9	13.9	13.8
Houston	176.1	172.6	171.2	100.7	104.3	104.4	373.4	372.1	372.6
Killeen-Temple	8.7	8.6	8.6	3.2	3.0	3.1	16.1	16.3	16.6
Laredo	2.0	1.9	1.9	3.5	3.7	3.7	9.8	10.0	10.0
Longview-Marshall	15.2	15.1	15.1	3.4	3.2	3.2	16.6	16.6	16.2
Lubbock	9.1	8.2	8.3	5.2	5.2	5.3	27.4	28.0	28.7
McAllen-Edinburg-Mission	11.2	11.3	11.8	2.6	2.8	2.8	24.4	24.0	25.1
Midland	3.6	3.2	3.4	2.5	2.5	2.5	12.7	12.5	12.7
Odessa	4.8	4.4	4.4	2.7	2.6	2.6	16.0	16.1	16.2
San Angelo	5.5	5.3	5.4	3.7	3.9	3.8	9.9	10.1	10.4
San Antonio	52.2	49.3	49.0	18.0	18.2	18.2	122.9	127.0	128.0
Sherman-Denison	12.3	11.9	11.8	2.1	2.1	2.1	8.0	8.2	8.1
Texarkana	7.7	7.4	7.4	1.8	1.8	1.8	11.8	12.1	12.1
Tyler	12.5	12.5	12.1	2.9	2.9	2.9	15.8	16.4	16.6
Victoria	3.1	2.9	3.0	1.4	1.7	1.5	8.1	8.4	8.4
Waco	15.6	16.0	15.6	3.6	3.7	3.7	19.9	19.7	19.7
Wichita Falls	9.1	9.0	8.9	2.6	2.5	2.5	12.4	12.7	12.8
Utah	96.5	96.1	95.9	36.5	36.6	36.5	147.4	149.9	152.8
Provo-Orem	12.6	12.3	12.2	2.2	2.3	2.2	14.9	14.9	15.3
Salt Lake City-Ogden	64.3	64.8	64.9	28.3	28.3	28.3	108.5	110.0	112.5
Vermont	49.0	49.2	49.2	9.4	9.2	9.2	47.7	50.4	49.9
Burlington	16.4	16.4	16.3	2.6	2.7	2.6	15.0	15.9	15.9
Springfield	4.2	4.0	3.9	.7	.6	.6	2.3	2.5	2.5

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	Finance, insurance, and real estate			Services			Government		
	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Pennsylvania-Continued									
Reading	7.0	7.4	7.4	27.3	28.3	28.5	16.5	16.6	16.8
Scranton-Wilkes-Barre	11.3	11.9	11.9	59.2	63.0	61.8	41.4	41.7	42.1
Sharon	1.3	1.3	1.3	10.0	9.9	9.9	5.1	5.1	5.2
State College	1.4	1.6	1.6	7.6	8.0	8.0	21.0	21.7	21.7
Williamsport	2.2	2.2	2.2	8.7	9.0	9.1	6.1	6.2	6.4
York	4.3	4.5	4.5	26.6	28.2	28.2	17.8	17.7	17.6
Rhode Island									
Pawtucket-Woonsocket-Attleboro	3.2	3.5	3.5	20.7	21.4	21.4	9.7	10.0	10.0
Providence	18.7	19.1	19.2	72.5	72.6	72.5	43.5	43.1	43.0
South Carolina									
Charleston	7.6	8.6	8.4	30.2	33.2	33.6	48.2	48.8	49.2
Columbia	15.8	16.2	16.1	35.4	36.1	35.9	56.8	55.1	55.5
Greenville-Spartanburg	11.2	11.2	11.2	43.1	43.8	43.7	35.5	35.9	36.3
South Dakota									
Sioux Falls	5.5	5.9	5.9	15.4	16.6	16.5	7.0	7.2	7.2
Tennessee									
Chattanooga	10.3	11.0	11.1	32.6	42.1	41.7	35.3	39.6	39.4
Johnson City-Kingsport-Bristol	4.9	4.7	4.8	23.4	24.0	23.9	24.3	26.2	26.2
Knoxville	9.2	9.1	9.2	48.6	50.3	50.1	45.6	46.1	46.2
Memphis	21.5	21.9	22.2	88.1	94.3	94.2	64.8	68.5	68.3
Nashville	28.9	30.5	30.7	89.8	93.9	94.1	62.1	63.5	63.6
Texas									
Abilene	2.7	2.7	2.7	12.9	12.9	12.9	8.2	8.1	8.1
Amarillo	4.4	4.3	4.3	15.5	15.9	15.8	13.8	14.2	14.3
Austin	23.3	25.7	25.6	74.4	81.1	81.7	89.8	91.9	92.2
Beaumont-Port Arthur	5.6	5.5	5.5	28.0	27.3	27.0	20.2	20.2	20.3
Brazoria	2.2	2.4	2.4	7.2	7.6	7.6	10.2	10.8	10.9
Brownsville-Harlingen	3.2	3.3	3.3	11.8	12.1	12.0	14.1	14.7	14.7
Bryan-College Station	2.0	2.0	2.0	7.3	7.6	7.7	20.6	21.0	21.2
Corpus Christi	6.4	6.3	6.3	26.6	27.6	27.5	27.4	27.8	27.7
Dallas	116.3	118.6	118.5	257.7	261.5	261.5	131.2	137.2	138.3
El Paso	8.3	8.5	8.5	29.9	31.4	31.7	35.6	35.2	35.6
Ft. Worth-Arlington	25.9	27.9	28.2	89.0	94.4	93.8	59.5	61.9	62.1
Galveston-Texas City	4.8	5.0	5.0	12.2	12.7	12.6	20.7	22.0	22.1
Houston	110.0	118.7	118.8	325.6	341.4	341.5	176.7	187.5	189.1
Killeen-Temple	2.7	2.9	2.9	11.8	12.3	12.4	18.8	19.5	19.5
Laredo	1.7	1.5	1.5	4.9	5.2	5.2	7.2	7.7	7.8
Longview-Marshall	3.0	3.1	3.1	10.9	11.2	10.8	8.4	8.5	8.5
Lubbock	5.6	5.8	5.7	19.7	19.8	19.6	21.4	21.9	22.2
McAllen-Edinburg-Mission	3.5	3.6	3.6	12.1	12.3	12.3	20.2	21.2	21.3
Midland	3.6	3.4	3.4	8.9	9.0	9.0	6.1	6.9	6.9
Odessa	2.2	2.0	2.1	7.9	8.4	8.4	7.6	7.9	7.9
San Angelo	1.8	1.8	1.8	7.6	7.3	7.4	6.8	6.8	6.8
San Antonio	34.2	36.1	36.3	99.8	103.0	102.7	101.1	102.8	103.8
Sherman-Denison	1.4	1.4	1.4	7.0	7.3	7.4	4.9	5.0	5.0
Texarkana	1.7	1.7	1.7	8.3	8.8	8.8	12.7	12.8	12.6
Tyler	3.4	3.5	3.6	12.2	12.6	12.6	7.9	8.3	8.5
Victoria	1.6	1.6	1.6	5.5	5.1	4.9	4.3	4.2	4.2
Waco	4.9	4.7	4.8	17.9	18.6	18.1	11.8	11.9	11.9
Wichita Falls	2.4	2.5	2.4	9.6	9.6	9.6	10.1	10.1	10.1
Utah									
Provo-Orem	2.1	2.2	2.2	23.2	25.4	25.2	12.7	13.6	13.9
Salt Lake City-Ogden	24.5	25.1	25.3	84.1	91.4	91.5	87.7	89.7	90.4
Vermont									
Burlington	2.7	2.8	2.8	15.3	16.6	16.3	11.7	11.4	11.5
Springfield .....	.3	.4	.3	3.0	3.2	3.1	1.8	1.7	1.7

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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Virginia	2,374.6	2,466.1	2,475.0	16.2	17.4	17.3	139.1	155.2	152.9
Bristol	28.9	29.4	29.4	.1	.1	.1	1.1	1.1	1.1
Charlottesville	62.1	62.8	63.3	.1	.1	.1	3.2	3.8	3.6
Danville	40.2	41.0	40.9	.1	.1	.1	1.6	1.5	1.5
Lynchburg	70.2	71.1	71.2	.1	.1	.1	2.6	3.0	2.9
Norfolk-Virginia Beach-Newport News	490.2	513.3	516.9	.1	.1	.1	31.2	33.1	32.9
Northern Virginia	589.7	629.4	636.0	.5	.4	.4	38.0	44.6	44.8
Richmond-Petersburg	386.2	396.6	396.3	.3	.3	.3	21.5	24.3	24.5
Roanoke	109.2	112.9	113.5	.1	.1	.1	5.8	6.7	6.7
Washington	1,670.2	1,721.6	1,713.3	2.7	2.8	2.7	78.2	86.9	83.0
Seattle	826.1	845.8	847.7	.5	.5	.5	38.7	42.1	41.0
West Virginia	599.3	594.4	591.9	42.5	44.1	42.8	25.2	26.6	25.6
Charleston	107.8	108.0	107.8	2.6	2.6	2.6	5.2	5.6	5.2
Huntington-Ashland	99.6	99.0	99.4	1.0	1.0	1.0	3.9	4.4	4.1
Parkersburg-Marietta	57.7	57.6	57.3	1.2	1.2	1.2	2.9	2.8	2.5
Wheeling	58.2	57.1	57.9	2.5	2.5	2.5	2.4	2.5	2.3
Wisconsin	1,991.2	2,020.2	2,015.1	2.0	2.1	1.9	63.3	67.7	64.0
Appleton-Oshkosh-Neenah	134.0	138.5	137.7	(¹)	(¹)	(¹)	5.9	7.2	6.7
Eau Claire	51.1	51.7	51.9	(¹)	(¹)	(¹)	1.2	1.5	1.4
Green Bay	87.4	88.7	88.7	(¹)	(¹)	(¹)	3.5	4.0	3.7
Janesville-Beloit	53.6	53.4	53.2	(¹)	(¹)	(¹)	1.5	1.7	1.6
Kenosha	41.4	37.9	37.9	(¹)	(¹)	(¹)	1.1	1.0	1.0
La Crosse	48.5	49.1	49.5	(¹)	(¹)	(¹)	1.4	1.2	1.1
Madison	185.1	191.2	191.5	(¹)	(¹)	(¹)	5.8	7.4	7.0
Milwaukee	669.9	668.7	672.0	(¹)	(¹)	(¹)	20.1	20.0	20.1
Racine	67.7	67.2	67.3	(¹)	(¹)	(¹)	1.9	2.0	2.0
Sheboygan	44.3	44.3	44.1	(¹)	(¹)	(¹)	1.5	1.3	1.4
Wausau	42.0	42.0	42.2	(¹)	(¹)	(¹)	1.3	1.4	1.5
Wyoming	195.8	201.7	197.4	26.6	26.4	26.4	12.2	10.8	9.4
Puerto Rico	692.3	676.3	685.7	.7	.6	.6	25.9	22.1	21.7
Caguas	41.2	40.3	40.6	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Mayaguez	48.8	48.0	48.4	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Ponce	41.8	39.8	40.7	.1	.1	(¹)	1.5	1.4	1.6
San Juan	424.8	415.5	420.1	.4	.3	.3	19.9	16.7	16.0
Virgin Islands	35.8	34.9	35.5	(¹)	(¹)	(¹)	2.0	2.3	2.2

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Virginia	422.3	422.8	421.8	130.1	132.0	132.0	532.8	554.8	563.6
Bristol	10.0	10.2	10.1	1.2	1.2	1.2	6.7	6.8	6.9
Charlottesville	10.1	9.4	9.5	2.0	1.8	1.8	11.1	11.9	12.0
Danville	18.0	17.6	17.1	1.0	1.1	1.1	7.9	8.6	8.9
Lynchburg	26.3	25.5	25.2	3.1	3.3	3.3	13.1	13.9	14.3
Norfolk-Virginia Beach-Newport News	67.5	68.2	67.9	24.5	25.5	25.7	118.6	125.6	128.7
Northern Virginia	30.1	32.2	32.8	39.6	43.1	42.8	135.1	142.1	145.6
Richmond-Petersburg	64.1	63.2	62.1	21.8	20.9	21.0	92.4	93.0	93.6
Roanoke	21.3	20.5	20.4	8.2	8.5	8.5	28.3	29.2	29.7
Washington	288.8	296.9	292.1	90.9	93.2	92.4	412.2	424.0	427.3
Seattle	158.5	165.4	165.9	54.0	56.2	55.7	206.5	207.6	210.0
West Virginia	90.4	87.9	86.3	39.1	37.7	37.5	134.9	134.0	134.6
Charleston	13.3	13.4	13.2	9.0	8.8	8.8	28.3	27.7	28.0
Huntington-Ashland	20.9	19.8	19.9	8.1	7.9	7.9	25.6	25.4	25.8
Parkersburg-Marietta	14.8	14.1	14.1	2.2	2.1	2.1	13.8	13.9	13.8
Wheeling	7.9	7.1	8.0	3.3	3.2	3.2	15.1	14.8	14.8
Wisconsin	519.9	517.3	514.9	92.6	91.6	91.1	472.9	480.2	480.9
Appleton-Oshkosh-Neenah	47.2	48.5	48.0	4.7	4.5	4.6	30.6	31.3	31.4
Eau Claire	9.3	9.1	9.1	2.7	2.7	2.7	14.7	15.0	15.1
Green Bay	22.8	23.8	23.4	6.2	6.1	6.1	23.6	23.8	24.3
Janesville-Beloit	19.1	18.7	18.7	2.2	2.2	2.2	12.8	12.9	12.8
Kenosha	15.8	12.2	12.2	1.5	1.4	1.4	8.4	8.6	8.6
La Crosse	11.1	11.1	11.0	2.1	2.0	2.1	13.0	13.3	13.4
Madison	20.5	21.9	21.6	6.2	6.3	6.3	42.1	42.0	42.9
Milwaukee	175.7	167.7	169.8	33.6	33.6	33.4	151.1	152.2	153.0
Racine	25.7	25.1	25.1	2.3	2.3	2.3	15.4	15.4	15.3
Sheboygan	19.5	18.4	18.1	1.3	1.4	1.3	8.3	8.4	8.4
Wausau	11.1	11.7	11.7	2.1	2.1	2.1	10.8	10.8	10.7
Wyoming	9.0	8.9	8.6	15.7	16.7	16.4	44.7	42.9	42.3
Puerto Rico	151.6	149.2	151.7	16.5	14.5	15.7	115.8	114.4	116.9
Caguas	13.9	13.7	13.7	(¹)	(¹)	(¹)	7.7	7.5	7.7
Mayaguez	19.5	19.5	19.6	(¹)	(¹)	(¹)	6.4	6.0	6.1
Ponce	8.4	8.0	8.5	(¹)	(¹)	(¹)	6.5	5.9	6.1
San Juan	68.3	67.2	68.1	12.5	11.2	12.1	80.6	79.0	80.6
Virgin Islands	2.2	1.9	1.9	2.3	2.2	2.2	7.7	7.6	7.9

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	Finance, insurance, and real estate			Services			Government		
	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Virginia	117.1	122.8	123.3	498.1	533.0	530.9	518.9	528.1	533.3
Bristol	1.1	1.0	1.1	3.9	4.1	4.1	4.9	4.9	5.0
Charlottesville	3.4	3.8	3.8	10.0	10.5	10.7	22.2	21.6	21.7
Danville	1.1	1.1	1.1	5.4	5.7	5.8	5.3	5.3	5.4
Lynchburg	3.1	3.1	3.1	12.6	13.0	13.0	9.3	9.2	9.2
Norfolk-Virginia Beach-Newport News	21.2	21.8	22.0	103.6	112.3	111.9	123.5	126.7	127.7
Northern Virginia	35.3	38.8	39.2	169.9	182.1	183.4	141.2	146.0	147.0
Richmond-Petersburg	29.6	31.0	31.2	71.0	76.0	75.5	85.5	88.0	88.1
Roanoke	6.5	6.7	6.7	24.5	26.8	26.9	14.5	14.4	14.5
Washington	94.7	97.9	98.2	354.0	372.7	370.2	348.7	347.2	347.7
Seattle	60.3	62.4	62.6	179.6	187.4	187.1	128.0	124.2	124.9
West Virginia	23.5	23.7	23.8	109.6	112.5	112.1	134.1	128.0	129.3
Charleston	5.6	5.8	5.8	22.3	23.4	23.3	21.5	20.9	20.9
Huntington-Ashland	3.8	3.8	3.8	16.3	17.2	17.1	20.0	19.6	19.9
Parkersburg-Marietta	2.1	2.1	2.1	11.3	11.9	11.8	9.4	9.5	9.5
Wheeling	2.9	3.2	3.2	14.7	14.7	14.6	9.4	9.2	9.2
Wisconsin	103.7	107.2	107.0	409.3	423.4	421.1	327.6	330.8	334.3
Appleton-Oshkosh-Neenah	6.4	6.7	6.7	22.8	24.0	23.9	16.2	16.1	16.2
Eau Claire	1.8	1.9	1.9	10.8	11.0	11.1	10.6	10.5	10.5
Green Bay	2.8	2.9	2.9	17.7	17.8	17.9	10.7	10.1	10.3
Janesville-Beloit	1.5	1.6	1.6	10.0	10.1	9.9	6.6	6.3	6.4
Kenosha .....	.9	.9	.9	7.2	7.3	7.2	6.4	6.5	6.7
La Crosse	1.3	1.4	1.3	12.1	12.8	12.9	7.6	7.3	7.6
Madison	14.5	16.2	16.5	37.4	39.1	38.7	58.4	58.2	58.4
Milwaukee	44.5	44.8	44.7	163.7	168.8	168.8	80.9	81.3	81.9
Racine	2.3	2.3	2.3	12.2	12.2	12.3	8.0	8.0	7.9
Sheboygan	1.8	1.9	1.9	6.5	7.1	7.2	5.3	5.8	5.8
Wausau	3.8	3.3	3.3	7.0	7.1	7.1	5.8	5.6	5.7
Wyoming	8.0	7.9	7.9	29.8	34.7	33.8	49.8	53.4	52.5
Puerto Rico	29.2	30.3	30.4	92.7	90.5	91.5	259.9	254.7	257.0
Caguas	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	15.0	14.4	14.6
Mayaguez	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	15.7	15.3	15.3
Ponce	(¹)	(¹)	(¹)	7.5	7.1	7.0	15.0	14.4	14.5
San Juan	23.5	24.4	24.5	68.3	66.6	66.8	151.3	150.2	151.5
Virgin Islands	1.8	1.7	1.8	6.1	6.1	6.4	13.7	13.1	13.1

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 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	11.28	479.40	37.1	11.94	442.97
1984	35.3	8.33	294.05	43.3	11.63	503.58	37.7	12.12	456.92
1985 ^p	35.1	8.58	301.16	43.4	11.95	518.63	37.7	12.26	462.20
Monthly data, not seasonally adjusted									
1984:									
December	35.5	\$8.46	\$300.33	44.1	\$11.70	\$515.97	37.6	\$12.26	\$460.98
1985:									
January	34.7	8.50	294.95	42.9	11.86	508.79	36.4	12.30	447.72
February	34.6	8.52	294.79	43.2	11.90	514.08	36.6	12.33	451.28
March	35.0	8.52	298.20	43.6	11.91	519.28	37.7	12.22	460.69
April	34.9	8.54	298.05	43.3	11.93	516.57	37.8	12.21	461.54
May	35.0	8.53	298.55	43.5	11.86	515.91	38.1	12.19	464.44
June	35.4	8.56	303.02	43.7	11.99	523.96	38.1	12.12	461.77
July	35.3	8.54	301.46	42.9	11.88	509.65	38.6	12.16	469.38
August	35.4	8.54	302.32	43.3	11.95	517.44	38.3	12.22	468.03
September	35.2	8.68	305.54	43.7	12.00	524.40	38.5	12.40	477.40
October	35.1	8.65	303.62	43.2	11.95	516.24	38.2	12.36	472.15
November ^p	34.9	8.68	302.93	43.3	12.00	519.60	36.8	12.20	448.96
December ^p	35.4	8.73	309.04	44.0	12.13	533.72	37.0	12.39	458.43

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

C-1. Average hours and earnings of production or nonsupervisory workers' 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	(²)	(²)	(²)	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	8.52	354.08	39.0	10.79	420.81	38.5	8.55	329.18
1984	40.7	9.18	8.81	373.63	39.4	11.11	437.73	38.6	8.96	345.86
1985 ^p	40.5	9.52	9.14	385.56	39.5	11.38	449.51	38.7	9.27	358.75
Monthly data, not seasonally adjusted										
1984:										
December	41.2	\$9.40	\$9.00	\$387.28	39.5	\$11.28	\$445.56	38.9	\$9.19	\$357.49
1985:										
January	40.3	9.43	9.07	380.03	38.9	11.26	438.01	38.4	9.16	351.74
February	39.7	9.43	9.07	374.37	39.1	11.27	440.66	38.2	9.22	352.20
March	40.4	9.45	9.09	381.78	39.3	11.24	441.73	38.5	9.19	353.82
April	40.1	9.48	9.13	380.15	39.2	11.27	441.78	38.4	9.24	354.82
May	40.3	9.48	9.13	382.04	39.3	11.24	441.73	38.7	9.24	357.59
June	40.6	9.50	9.13	385.70	39.7	11.32	449.40	38.9	9.28	360.99
July	40.1	9.53	9.17	382.15	39.5	11.35	448.33	38.8	9.27	359.68
August	40.4	9.48	9.10	382.99	39.9	11.40	454.86	38.8	9.25	358.90
September	40.8	9.55	9.14	389.64	39.7	11.52	457.34	38.8	9.33	362.00
October	40.7	9.54	9.15	388.28	39.5	11.46	452.67	38.7	9.25	357.98
November ^p	40.9	9.61	9.21	393.05	39.5	11.56	456.62	38.7	9.33	361.07
December ^p	41.6	9.71	9.28	403.94	39.9	11.60	462.84	39.1	9.44	369.10

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	7.31	239.04
1984	30.0	5.88	176.40	36.5	7.62	278.13	32.8	7.64	250.59
1985 ^p	29.7	5.97	177.31	36.4	7.94	289.02	32.8	7.95	260.76
Monthly data, not seasonally adjusted									
1984:									
December	30.5	\$5.89	\$179.65	36.7	\$7.78	\$285.53	32.9	\$7.84	\$257.94
1985:									
January	29.1	5.97	173.73	36.4	7.77	282.83	32.5	7.84	254.80
February	29.1	5.99	174.31	36.4	7.87	286.47	32.6	7.87	256.56
March	29.4	5.97	175.52	36.4	7.87	286.47	32.6	7.87	256.56
April	29.4	5.96	175.22	36.4	7.85	285.74	32.6	7.89	257.21
May	29.8	5.97	177.91	36.3	7.83	284.23	32.7	7.88	257.68
June	30.2	5.94	179.39	36.7	7.95	291.77	33.0	7.91	261.03
July	30.4	5.93	180.27	36.3	7.87	285.68	33.1	7.86	260.17
August	30.3	5.91	179.07	36.3	7.90	286.77	33.1	7.87	260.50
September	29.7	5.99	177.90	36.4	8.03	292.29	32.8	8.04	263.71
October	29.4	5.97	175.52	36.3	8.00	290.40	32.8	8.04	263.71
November ^p	29.3	6.00	175.80	36.2	8.09	292.86	32.6	8.11	264.39
December ^p	29.9	5.99	179.10	36.8	8.19	301.39	32.9	8.20	269.78

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 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
Total private		35.1	35.5	35.1	34.9	35.4					
Mining		43.5	44.1	43.2	43.3	44.0					
Metal mining	10	40.9	41.2	40.7	40.8						
Iron ores	101	38.6	38.3	38.7	38.5						
Copper ores	102	41.9	42.1	42.0	41.7						
Coal mining	11,12	38.9	41.2	41.5	40.1						
Bituminous coal and lignite mining	12	38.8	41.2	41.5	40.1						
Oil and gas extraction	13	45.0	45.3	43.7	44.5	-					
Crude petroleum, natural gas, and natural gas liquids	131,2	42.7	42.6	41.6	42.1						
Oil and gas field services	138	45.9	46.4	44.7	45.6						
Nonmetallic minerals, except fuels	14	45.3	44.5	45.0	44.2		-				
Crushed and broken stone	142	46.6	46.0	46.1	45.2						
Construction		37.3	37.6	38.2	36.8	37.0					
General building contractors	15	36.8	37.0	37.5	36.4		-				
Residential building construction	152	36.1	36.0	37.0	35.6						
Operative builders	153	38.6	39.4	39.3	39.7			-			
Nonresidential building construction	154	37.4	37.7	37.8	37.0						
Heavy construction contractors	16	41.0	41.0	42.4	40.0						
Highway and street construction	161	41.6	39.4	42.9	38.9		-				
Heavy construction, except highway	162	40.7	41.8	42.2	40.5						
Special trade contractors	17	36.4	36.8	37.3	36.0						
Plumbing, heating, and air conditioning	171	37.5	38.3	38.6	37.4				-		
Painting, paper hanging, and decorating	172	34.1	35.0	35.0	33.6						
Electrical work	173	38.3	39.4	39.1	38.8		-				
Masonry, stonework, and plastering	174	34.5	35.1	35.7	34.2						
Carpentering and flooring	175	34.8	35.1	35.7	34.4						
Roofing and sheet metal work	176	33.1	32.2	34.0	31.7						
Manufacturing		40.7	41.2	40.7	40.9	41.6	3.5	3.6	3.4	3.5	3.8
Durable goods		41.4	42.1	41.3	41.5	42.4	3.7	3.9	3.6	3.7	4.1
Lumber and wood products	24	39.2	39.8	40.4	39.6	40.1	2.9	3.1	3.3	3.1	-
Logging camps and logging contractors	241	37.3	38.1	41.0	38.3	-	3.3	3.5	3.9	3.4	
Sawmills and planing mills	242	39.8	40.8	41.1	40.3		3.4	3.8	3.7	3.6	
Sawmills and planing mills, general	2421	39.9	41.0	41.3	40.5		3.6	4.0	3.9	3.8	
Hardwood dimension and flooring	2426	39.9	40.5	40.3	40.0		2.6	2.8	2.9	3.1	
Millwork, plywood, and structural members	243	40.1	40.7	40.2	40.1		2.9	3.2	3.3	3.2	
Millwork	2431	39.3	40.3	40.8	40.7		2.0	2.3	3.0	2.8	
Wood kitchen cabinets	2434	40.8	40.3	38.9	39.0		3.3	3.3	2.7	2.9	
Hardwood veneer and plywood	2435	39.9	40.8	39.5	39.3		2.7	3.2	2.7	2.6	
Softwood veneer and plywood	2436	41.1	42.0	41.6	41.2		3.9	4.7	4.6	4.5	
Wood containers	244	37.7	38.3	38.5	38.4		2.0	2.3	2.1	2.2	-
Wood buildings and mobile homes	245	37.0	36.1	38.9	37.4	-	1.7	1.4	2.5	2.0	
Mobile homes	2451	36.8	35.9	39.0	37.6		1.5	1.2	2.3	2.0	
Miscellaneous wood products	249	40.0	40.6	40.4	40.1		2.9	3.0	3.3	3.1	
Furniture and fixtures	25	40.1	40.6	40.0	39.9	40.9	2.6	2.9	2.7	2.6	
Household furniture	251	39.5	40.1	39.3	39.1	-	2.3	2.7	2.4	2.2	
Wood household furniture	2511	40.0	40.1	39.8	39.7		2.6	2.8	2.6	2.6	
Upholstered household furniture	2512	38.8	40.3	38.9	38.7		2.0	2.7	2.2	1.8	
Metal household furniture	2514	40.6	41.1	39.9	38.7		2.6	3.1	2.7	2.1	
Mattresses and bedspings	2515	37.8	39.2	38.5	38.3	-	1.2	1.7	2.3	1.9	
Office furniture	252	42.6	42.4	40.6	40.9		4.0	3.8	2.8	2.8	
Public building and related furniture	253	40.2	41.5	40.7	40.8	-	3.1	3.7	3.2	3.2	-
Partitions and fixtures	254	40.2	40.1	41.3	41.2		3.2	2.7	3.5	3.5	
Miscellaneous furniture and fixtures	259	40.7	41.4	41.6	41.6		2.4	2.6	3.5	3.5	
Stone, clay, and glass products	32	42.0	41.8	42.4	41.9	42.0	4.8	4.5	5.2	4.7	
Flat glass	321	44.0	44.1	45.5	47.5	-	5.6	5.5	6.9	7.7	
Glass and glassware, pressed or blown	322	41.0	40.9	41.2	41.4		4.2	4.2	4.4	4.5	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^a	Dec. 1985 ^a	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^a	Dec. 1985 ^a
		Total private		\$8.43	\$8.46	\$8.65	\$8.68	\$8.73	\$295.89	\$300.33	\$303.62	$302.93	$309.04
Mining		11.63	11.70	11.95	12.00	12.13	505.91	515.97	516.24	519.60	533.72
Metal mining	10	13.27	13.32	13.49	13.49		542.74	548.78	549.04	550.39	
Iron ores	101	13.13	12.86	13.35	13.06		506.82	492.54	516.65	502.81	
Copper ores	102	13.62	13.59	13.63	13.69		570.68	572.14	572.46	570.87	
Coal mining	11,12	15.11	15.20	15.09	15.23		587.78	626.24	626.24	610.72	
Bituminous coal and lignite mining	12	15.18	15.27	15.13	15.27		588.98	629.12	627.90	612.33	
Oil and gas extraction	13	10.76	10.79	11.07	11.14		484.20	488.79	483.76	495.73	
Crude petroleum, natural gas, and natural gas liquids	131,2	12.84	13.12	13.28	13.40		548.27	558.91	552.45	564.14	
Oil and gas field services	138	9.98	9.94	10.19	10.24		458.08	461.22	455.49	466.94	
Nonmetallic minerals, except fuels	14	10.00	10.00	10.27	10.30		453.00	445.00	462.15	455.26	
Crushed and broken stone	142	9.34	9.27	9.86	9.81		435.24	426.42	454.55	443.41	
Construction		12.10	12.26	12.36	12.20	12.39	451.33	460.98	472.15	448.96	458.43
General building contractors	15	10.94	11.02	11.31	11.15		402.59	407.74	424.13	405.86	
Residential building construction	152	10.23	10.38	10.74	10.47		369.30	373.68	397.38	372.73	
Operative builders	153	9.17	9.44	9.22	9.22		353.96	371.94	362.35	366.03	
Nonresidential building construction	154	11.75	11.75	12.01	11.94		439.45	442.98	453.98	441.78	
Heavy construction contractors	16	11.70	11.87	12.10	11.67		479.70	486.67	513.04	466.80	
Highway and street construction	161	10.66	10.38	11.61	10.96		443.46	408.97	498.07	426.34	
Heavy construction, except highway	162	12.24	12.50	12.39	12.02		498.17	522.50	522.86	486.81	
Special trade contractors	17	12.77	12.95	12.91	12.85		464.83	476.56	481.54	462.60	
Plumbing, heating, and air conditioning	171	12.90	13.03	13.16	12.98		483.75	499.05	507.98	485.45	
Painting, paper hanging, and decorating	172	11.65	11.84	12.00	11.93		397.27	414.40	420.00	400.85	
Electrical work	173	14.34	14.37	14.34	14.26		549.22	566.18	560.69	553.29	
Masonry, stonework, and plastering	174	12.77	12.89	13.00	12.87		440.57	452.44	464.10	440.15	
Carpentering and flooring	175	11.87	11.96	12.12	11.99		413.08	419.80	432.68	412.46	
Roofing and sheet metal work	176	11.16	11.24	11.46	11.23		369.40	361.93	389.64	355.99	
Manufacturing		9.31	9.40	9.54	9.61	9.71	378.92	387.28	388.28	393.05	403.94
Durable goods		9.85	9.96	10.14	10.21	10.31	407.79	419.32	418.78	423.72	437.14
Lumber and wood products	24	8.06	8.09	8.29	8.27	8.24	315.95	321.98	334.92	327.49	330.42
Logging camps and logging contractors	241	10.79	10.68	11.10	11.05	-	402.47	406.91	455.10	423.22	-
Sawmills and planing mills	242	8.42	8.47	8.55	8.57		335.12	345.58	351.41	345.37	
Sawmills and planing mills, general	2421	8.91	8.95	8.97	9.00		355.51	366.95	370.46	364.50	
Hardwood dimension and flooring	2426	5.91	5.99	6.29	6.37		235.81	242.60	253.49	254.80	
Millwork, plywood, and structural members	243	7.87	7.89	8.10	8.14		315.59	321.12	325.62	326.41	
Millwork	2431	8.05	8.05	8.31	8.38		316.37	324.42	339.05	341.07	
Wood kitchen cabinets	2434	7.11	7.10	7.23	7.32		290.09	286.13	281.25	285.48	
Hardwood veneer and plywood	2435	6.33	6.34	6.78	6.68		252.57	258.67	267.81	262.52	
Softwood veneer and plywood	2436	9.81	9.90	9.79	9.80		403.19	415.80	407.26	403.76	
Wood containers	244	5.68	5.79	5.84	5.83		214.14	221.76	224.84	223.87	
Wood buildings and mobile homes	245	7.11	7.16	7.39	7.37		263.07	258.48	287.47	275.64	
Mobile homes	2451	7.15	7.13	7.44	7.44		263.12	255.97	290.16	279.74	
Miscellaneous wood products	249	6.84	6.94	7.05	7.10		273.60	281.76	284.82	284.71	
Furniture and fixtures	25	6.95	6.99	7.31	7.34	7.41	278.70	283.79	292.40	292.87	303.07
Household furniture	251	6.38	6.42	6.66	6.69	-	252.01	257.44	261.74	261.58	-
Wood household furniture	2511	5.86	5.90	6.17	6.20		234.40	236.59	245.57	246.14	
Upholstered household furniture	2512	6.92	6.99	7.23	7.23		268.50	281.70	281.25	279.80	
Metal household furniture	2514	6.60	6.60	7.02	7.06		267.96	271.26	280.10	273.22	
Mattresses and bedsprings	2515	7.03	7.03	7.01	7.02		265.73	275.58	269.89	268.87	
Office furniture	252	7.79	7.85	8.20	8.16		331.85	332.84	332.92	333.74	
Public building and related furniture	253	7.44	7.54	7.74	7.82		299.09	312.91	315.02	319.06	
Partitions and fixtures	254	8.34	8.39	8.90	9.05		335.27	336.44	367.57	372.86	
Miscellaneous furniture and fixtures	259	7.39	7.47	7.80	7.81		300.77	309.26	324.48	324.90	
Stone, clay, and glass products	32	9.67	9.68	9.86	9.90	9.93	406.14	404.62	418.06	414.81	417.06
Flat glass	321	13.30	13.48	14.02	14.17	-	585.20	594.47	637.91	673.08	-
Glass and glassware, pressed or blown	322	10.61	10.61	10.74	10.80		435.01	433.95	442.49	447.12	

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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
Durable goods—Continued											
Stone, clay, and glass products—Continued											
Glass containers	3221	40.8	41.1	41.6	41.9		4.9	4.9	5.4	5.2	
Pressed and blown glass, nec	3229	41.3	40.7	40.6	40.7		3.4	3.3	3.1	3.6	
Products of purchased glass	323	41.3	41.6	41.6	42.0		3.6	3.9	3.0	3.3	-
Cement, hydraulic	324	40.9	40.5	41.0	41.1		2.9	3.0	3.3	3.2	
Structural clay products	325	41.8	41.9	41.1	41.2		4.0	3.7	4.1	4.0	
Pottery and related products	326	39.5	39.8	40.0	40.6		3.1	3.0	3.1	3.1	
Concrete, gypsum, and plaster products	327	43.2	42.0	44.4	42.5		6.4	5.7	7.4	6.2	
Concrete block and brick	3271	44.0	43.9	45.8	43.9		6.2	6.0	7.7	6.8	
Concrete products, nec	3272	43.2	43.6	44.4	43.4		6.0	5.9	6.8	6.0	
Ready-mixed concrete	3273	42.5	39.7	43.3	40.3		6.6	5.0	7.4	5.5	
Misc. nonmetallic mineral products	329	42.3	42.8	41.2	41.6		4.2	4.2	3.8	3.7	
Abrasive products	3291	42.1	43.0	38.9	39.3		3.3	3.8	1.8	1.7	
Asbestos products	3292	43.2	42.7	42.3	42.3		3.8	4.1	4.0	3.4	
Primary metal industries											
Blast furnaces and basic steel products	331	41.4	41.6	41.4	41.8	42.9	3.6	3.8	3.8	4.0	
Blast furnaces and steel mills	3312	40.4	39.9	40.9	41.5	42.7	2.4	2.5	3.3	3.5	
Steel pipe and tubes	3317	40.0	39.1	40.7	41.2	-	2.2	2.3	3.3	3.5	
Iron and steel foundries	332	41.7	43.6	42.5	43.7		2.8	4.0	3.4	3.9	
Gray iron foundries	3321	40.7	41.6	41.1	41.3		3.6	3.7	3.7	4.0	
Malleable iron foundries	3322	40.7	41.7	41.1	41.5		3.9	3.9	4.2	4.6	
Steel foundries, nec	3325	40.1	41.7	38.5	38.9		3.0	3.0	1.9	1.9	-
Primary nonferrous metals	333	39.3	40.0	41.0	40.2		2.1	2.8	2.8	2.7	
Primary aluminum	3334	42.6	43.2	41.7	41.2		3.7	4.1	3.4	3.6	
Nonferrous rolling and drawing	335	42.7	42.9	42.4	40.6		3.5	3.7	3.4	3.3	
Copper rolling and drawing	3351	43.0	43.2	42.2	42.8		5.4	5.4	4.9	5.0	
Aluminum sheet, plate, and foil	3353	42.1	43.0	42.0	41.4		4.4	4.9	4.0	3.5	-
Nonferrous wire drawing and insulating	3357	42.9	42.9	41.9	43.5		6.3	5.5	5.4	5.8	
Nonferrous foundries	336	43.0	43.2	41.8	42.5		5.8	5.8	4.9	5.1	
Aluminum foundries	3361	42.1	43.3	41.8	41.9		3.9	4.6	3.6	3.8	
Fabricated metal products	34	42.6	43.4	42.3	42.5		4.3	4.8	4.1	4.2	
Metal cans and shipping containers	341	41.3	42.3	41.5	41.6	42.7	3.6	3.9	3.6	3.6	-
Metal cans	3411	42.5	42.8	42.7	42.9	-	4.9	4.7	5.2	5.3	
Cutlery, hand tools, and hardware	342	42.5	42.7	43.0	43.3		5.0	4.8	5.4	5.7	
Hand and edge tools, and hand saws and blades	3423.5	40.5	41.0	41.0	41.3		2.8	3.2	3.2	3.2	
Hardware, nec	3429	40.3	40.6	41.0	41.2		2.4	2.4	2.5	2.4	
Plumbing and heating, except electric	343	40.5	41.1	40.8	41.3		3.0	3.6	3.5	3.6	
Plumbing fittings and brass goods	3432	39.3	40.4	40.7	40.4		2.1	2.3	2.8	2.3	-
Heating equipment, except electric	3433	38.7	39.7	40.7	40.8		1.8	2.1	2.6	2.5	
Fabricated structural metal products	344	40.3	40.6	40.5	39.9		2.5	2.5	2.9	2.3	
Fabricated structural metal	3441	41.2	41.8	41.3	41.3		3.4	3.5	3.5	3.3	
Metal doors, sash, and trim	3442	41.4	42.2	43.4	41.7		3.7	3.7	4.3	3.4	
Fabricated plate work (boiler shops)	3443	40.7	41.0	41.1	41.2		2.7	2.6	3.3	3.2	
Sheet metal work	3444	42.6	43.0	41.1	42.5		3.8	4.4	3.2	3.6	
Architectural metal work	3446	40.1	40.6	40.0	39.8		3.1	3.1	2.8	2.5	
Screw machine products, bolts, etc	345	40.4	41.6	39.4	40.1		2.6	2.8	3.6	4.1	
Screw machine products	3451	42.6	43.4	42.2	42.4		4.8	5.0	4.2	4.4	
Bolts, nuts, rivets, and washers	3452	42.2	43.0	41.4	41.5		4.4	4.8	3.5	3.6	
Metal forgings and stampings	346	43.1	43.7	42.9	43.4		5.2	5.2	4.9	5.3	
Iron and steel forgings	3462	42.3	44.4	43.1	43.2		4.6	5.4	4.5	4.6	
Automotive stampings	3465	41.7	43.1	41.5	41.9		4.1	4.6	3.3	3.8	
Metal stampings, nec	3469	44.1	47.7	45.2	44.7		6.0	7.3	6.2	5.9	
Metal services, nec	347	40.6	41.5	41.2	41.8		3.3	3.6	3.0	3.4	-
Plating and polishing	3471	41.0	41.7	41.2	40.6		3.7	3.9	3.7	3.4	
Metal coating and allied services	3479	40.6	41.4	41.0	40.0		3.2	3.6	3.3	2.9	
Ordnance and accessories, nec	348	42.0	42.4	41.7	41.9		4.8	4.6	4.6	4.4	
Ammunition, except for small arms, nec	3483	41.0	41.6	41.3	41.7		2.9	2.7	2.6	2.7	
Misc. fabricated metal products	349	40.0	40.5	40.9	41.2		2.2	1.9	2.6	2.8	
Valves and pipe fittings	3494	40.7	41.5	40.4	40.6		2.8	3.0	2.7	2.7	
Misc. fabricated wire products	3496	41.1	42.1	39.9	40.7		3.0	3.6	2.4	2.9	-
Machinery, except electrical	35	40.2	40.7	40.7	40.4		2.7	2.5	2.8	2.6	
Engines and turbines	35	42.0	42.8	41.4	41.8	42.9	3.8	4.2	3.3	3.6	
Turbines and turbine generator sets	3511	42.2	42.7	41.4	42.6	-	4.2	4.8	3.6	4.2	
Internal combustion engines, nec	3519	42.6	43.1	41.8	42.0		5.7	6.3	5.6	5.8	
Farm and garden machinery	352	42.0	42.5	41.3	42.9		3.7	4.3	2.8	3.6	-
Farm machinery and equipment	3523	39.6	39.9	40.5	40.4		2.1	2.5	2.2	2.3	
		39.3	39.4	40.8	40.5		1.9	2.3	2.5	2.3	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^a	Dec. 1985 ^a	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^a	Dec. 1985 ^a
Durable goods—Continued											
Machinery, except electrical—Continued											
Construction and related machinery	353	42.1	42.6	41.7	42.1		3.1	3.8	2.9	3.3	
Construction machinery	3531	41.4	41.6	42.3	42.3		2.5	3.0	2.5	2.9	
Mining machinery	3532	41.1	42.9	41.0	41.5		2.7	3.5	2.7	2.7	
Oil field machinery	3533	43.2	43.4	42.2	42.6		3.4	4.4	3.6	4.1	
Conveyors and conveying equipment	3535	41.7	42.7	41.4	42.6		3.9	4.6	3.6	4.0	
Industrial trucks and tractors	3537	42.1	43.0	39.8	40.5		3.4	3.9	2.7	3.2	
Metalworking machinery	354	42.9	44.0	42.3	42.5		5.2	5.6	4.4	4.8	
Machine tools, metal cutting types	3541	42.8	43.6	42.6	42.2		4.6	4.9	4.1	4.3	
Machine tools, metal forming types	3542	42.8	43.9	42.2	42.9		4.6	5.6	4.5	4.8	
Special dies, tools, jigs, and fixtures	3544	43.6	44.5	43.1	43.5		6.1	6.4	5.4	5.8	
Machine tool accessories	3545	41.8	43.8	41.3	41.1		4.2	5.1	3.3	3.7	
Power driven hand tools	3546	42.5	43.4	40.6	40.4		5.1	4.8	2.6	2.2	
Special industry machinery	355	42.2	43.1	41.4	42.4		4.0	4.5	3.7	4.1	
Food products machinery	3551	42.5	42.7	41.8	43.0		3.6	3.7	3.2	3.7	
Textile machinery	3552	41.3	42.4	40.7	41.9		2.8	3.1	2.7	3.1	
Printing trades machinery	3555	42.5	43.2	40.7	41.4		3.9	4.3	3.8	4.1	
General industrial machinery	356	41.8	42.5	40.9	41.4		3.6	3.8	2.9	3.3	
Pumps and pumping equipment	3561	40.9	42.0	40.2	40.4		3.0	3.1	2.2	2.7	
Ball and roller bearings	3562	43.2	43.8	42.7	43.3		4.3	4.4	4.0	4.3	
Air and gas compressors	3563	42.0	42.7	40.8	42.1		3.9	4.1	3.0	3.2	
Blowers and fans	3564	41.3	42.4	40.7	40.7		3.0	3.0	2.8	2.4	
Speed changers, drives, and gears	3566	41.0	42.0	40.5	40.9		3.6	4.6	2.6	3.1	
Power transmission equipment, nec	3568	40.8	40.8	40.4	41.1		3.5	3.1	2.7	3.2	
Office and computing machines	357	42.6	43.5	41.9	42.8		3.4	3.7	2.3	3.0	
Electronic computing equipment	3573	42.6	43.7	42.0	42.9		3.5	3.8	2.3	3.1	
Refrigeration and service machinery	358	41.3	42.5	40.3	40.9		3.5	4.0	2.7	2.8	
Refrigeration and heating equipment	3585	41.3	42.6	40.4	41.2		3.5	4.0	3.0	3.0	
Misc. machinery, except electrical	359	41.8	42.4	40.9	40.8		4.0	4.2	3.8	3.6	
Carburetors, pistons, rings, and valves	3592	41.0	42.1	41.6	40.0		3.0	3.7	4.3	3.0	
Machinery, except electrical, nec	3599	41.9	42.5	40.8	40.9		4.1	4.3	3.7	3.7	
Electrical and electronic equipment	36	41.2	41.8	40.6	41.3	42.0	3.2	3.4	2.7	3.1	
Electric distributing equipment	361	41.9	41.8	41.1	42.1	-	3.6	3.3	3.1	3.6	
Transformers	3612	42.7	43.1	41.7	42.7		4.5	4.2	3.1	3.8	
Switchgear and switchboard apparatus	3613	41.2	40.6	40.5	41.4		2.7	2.6	3.1	3.4	
Electrical industrial apparatus	362	40.8	41.9	40.4	40.9		3.0	3.6	2.5	2.6	
Motors and generators	3621	41.0	42.4	40.7	41.1		3.3	4.1	2.8	2.9	
Industrial controls	3622	40.3	41.2	39.7	40.4		2.7	3.2	2.0	2.2	
Household appliances	363	39.7	40.7	40.5	40.7		2.8	2.9	2.8	3.0	
Household refrigerators and freezers	3632	38.3	40.5	39.5	38.5		2.3	2.8	2.6	2.7	
Household laundry equipment	3633	38.6	43.6	40.0	40.9		1.1	4.1	1.3	1.7	
Electric housewares and fans	3634	40.8	40.5	41.3	41.6		3.1	2.5	3.2	3.3	
Electric lighting and wiring equipment	364	40.6	40.2	40.3	40.6		2.9	2.7	2.5	2.8	
Electric lamps	3641	42.1	40.6	40.2	42.1		3.3	2.8	2.5	2.8	
Current-carrying wiring devices	3643	40.3	40.1	39.9	39.6		2.5	2.7	2.0	2.1	
Noncurrent-carrying wiring devices	3644	41.7	42.4	41.3	42.0		3.1	3.3	2.2	2.7	
Residential lighting fixtures	3645	38.8	38.4	39.6	38.9		2.4	2.0	2.1	2.1	
Radio and TV receiving equipment	365	39.8	40.7	40.6	40.5		2.8	3.3	3.1	3.5	
Radio and TV receiving sets	3651	40.1	40.8	39.6	40.2		2.8	3.2	2.5	3.0	
Communication equipment	366	42.0	43.3	41.2	42.3		3.2	3.9	2.6	3.1	
Telephone and telegraph apparatus	3661	42.8	44.1	40.0	41.9		3.8	4.8	1.7	2.4	
Radio and TV communication equipment	3662	41.6	42.9	41.6	42.4		3.0	3.5	3.0	3.4	
Electronic components and accessories	367	41.2	41.6	40.1	41.0		3.3	3.4	2.5	2.9	
Electronic tubes	3671-3	42.9	42.8	40.8	42.1		2.8	2.3	2.4	2.2	
Semiconductors and related devices	3674	41.5	41.8	40.1	41.0		4.1	4.0	2.6	3.2	
Electronic components, nec	3679	41.1	41.9	40.4	41.2		3.3	3.7	2.6	3.1	
Misc. electrical equipment and supplies	369	41.7	42.2	41.7	41.9		3.5	3.6	3.5	3.7	
Storage batteries	3691	43.2	42.7	44.6	44.6		4.0	3.4	4.8	4.8	
Engine electrical equipment	3694	41.4	42.0	41.5	41.9		3.7	4.1	3.6	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 weekly hours					Average overtime hours				
		Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
Durable goods—Continued											
Transportation equipment	37	42.7	43.9	42.7	43.0	44.0	5.2	5.4	4.8	5.0	
Motor vehicles and equipment	371	43.4	45.0	43.6	43.6	45.2	5.9	6.3	5.3	5.4	
Motor vehicles and car bodies	3711	44.0	46.1	44.2	44.1	-	7.1	7.4	5.8	5.9	
Truck and bus bodies	3713	41.8	41.7	41.1	42.3		3.8	4.3	3.5	4.1	
Motor vehicle parts and accessories	3714	43.2	44.5	43.6	43.4		5.4	5.7	5.2	5.3	
Truck trailers	3715	39.7	42.3	39.7	40.9		2.3	3.2	2.3	2.7	
Aircraft and parts	372	43.1	43.7	42.4	43.1		5.4	5.5	4.9	5.4	
Aircraft	3721	-	-	-	-		-	-	-	-	
Aircraft engines and engine parts	3724	43.1	43.9	42.1	43.2		6.5	6.9	5.0	6.3	
Aircraft equipment, nec	3728	44.7	45.0	43.8	44.4		6.7	6.4	5.5	5.7	
Ship and boat building and repairing	373	40.0	41.1	40.6	41.0		2.7	3.3	3.5	3.7	
Ship building and repairing	3731	40.1	41.0	40.5	-		2.8	3.6	3.7	-	
Boat building and repairing	3732	39.5	41.4	40.7	39.6		2.4	2.5	2.8	2.5	
Railroad equipment	374	41.8	39.9	39.9	41.7		3.9	2.7	2.3	3.0	
Guided missiles, space vehicles, and parts	376	42.1	43.1	42.4	43.0		3.4	3.4	4.6	5.0	
Guided missiles and space vehicles	3761	42.4	43.8	42.5	43.4		3.5	3.3	4.8	5.3	
Miscellaneous transportation equipment	379	41.0	42.1	38.6	38.3		3.3	3.2	2.1	1.9	
Travel trailers and campers	3792	37.7	38.2	37.6	37.5		1.5	1.0	1.5	1.5	
Instruments and related products	38	41.7	42.4	40.7	41.3	42.9	2.8	2.9	2.5	2.8	
Engineering and scientific instruments	381	41.8	42.9	41.6	42.2	-	3.2	3.5	2.9	3.3	
Measuring and controlling devices	382	41.8	43.0	40.0	40.9		2.5	2.6	2.0	2.2	
Environmental controls	3822	41.4	40.0	39.7	39.9		2.3	1.8	1.9	1.9	
Process control instruments	3823	43.4	45.9	40.5	41.7		3.9	3.6	2.2	2.6	
Instruments to measure electricity	3825	41.7	43.4	39.3	40.5		2.2	2.7	1.7	2.0	
Optical instruments and lenses	383	43.2	43.5	40.1	40.8		3.5	3.8	2.1	2.2	
Medical instruments and supplies	384	40.7	40.8	40.9	41.6		2.5	2.6	3.0	3.6	
Surgical and medical instruments	3841	39.9	40.1	41.3	41.5		2.3	2.1	3.0	3.2	
Surgical appliances and supplies	3842	41.5	41.5	40.6	41.9		2.6	3.0	3.0	4.1	
Ophthalmic goods	385	40.8	42.2	39.7	39.6		2.2	2.4	1.9	1.8	
Photographic equipment and supplies	386	43.0	43.1	42.5	42.7		3.4	3.6	3.2	3.4	
Watches, clocks, and watchcases	387	42.5	42.4	39.3	38.0		3.7	3.2	1.5	1.3	
Miscellaneous manufacturing	39	39.8	39.9	40.3	40.1	40.5	2.5	2.3	2.8	2.8	
Jewelry, silverware, and plated ware	391	40.3	39.9	40.8	41.1	-	3.3	2.9	4.3	4.7	
Jewelry, precious metal	3911	40.1	39.4	40.3	40.3		3.5	3.1	4.4	4.7	-
Musical instruments	393	39.3	40.6	40.5	40.1		1.2	1.9	2.1	2.1	
Toys and sporting goods	394	39.7	39.9	39.6	39.3		2.6	2.1	2.0	2.1	
Dolls, games, toys, and children's vehicles	3942,4	39.0	39.2	40.0	38.8		1.7	1.3	2.0	1.7	
Sporting and athletic goods, nec	3949	40.5	40.5	39.2	39.8		3.4	2.7	2.1	2.5	
Pens, pencils, office, and art supplies	395	41.4	41.5	40.8	40.7		2.8	3.1	1.9	1.8	
Costume jewelry and notions	396	37.4	38.0	40.6	40.2		1.8	1.7	3.5	3.3	
Costume jewelry	3961	36.1	37.1	40.3	39.7		1.7	1.0	3.6	3.8	
Miscellaneous manufactures	399	40.1	40.0	40.5	40.2		2.3	2.3	3.0	2.8	
Signs and advertising displays	3993	40.6	41.0	41.0	40.5		2.6	2.8	3.1	2.8	
Nondurable goods		39.6	40.0	39.9	40.0	40.6	3.2	3.1	3.3	3.3	3.5
Food and kindred products	20	40.0	40.5	40.4	40.2	40.7	4.0	3.8	4.1	4.0	-
Meat products	201	39.8	40.2	40.2	40.1	-	3.8	3.8	3.8	4.1	
Meat packing plants	2011	41.8	41.7	41.1	41.9		4.2	4.3	4.2	4.6	
Sausages and other prepared meats	2013	40.3	40.5	42.3	40.9		4.2	4.3	4.4	4.4	-
Poultry dressing plants	2016	37.4	38.6	38.6	37.9		3.2	3.1	3.1	3.5	
Dairy products	202	41.2	41.0	41.0	41.6		4.2	3.9	4.2	4.5	-
Cheese, natural and processed	2022	40.0	39.9	39.5	40.0		4.1	3.5	3.4	4.0	
Fluid milk	2026	42.0	41.9	41.9	43.0		4.6	4.4	4.9	5.3	
Preserved fruits and vegetables	203	37.7	38.9	39.9	38.8		3.5	3.3	4.3	3.1	
Canned specialties	2032	41.6	41.2	41.4	40.5		6.5	6.1	5.6	5.0	-
Canned fruits and vegetables	2033	36.8	38.5	38.6	38.3		3.3	3.0	4.4	3.0	
Frozen fruits and vegetables	2037	36.6	38.7	40.2	36.9		3.6	3.1	4.4	2.2	
Grain mill products	204	44.6	44.5	44.1	44.0		6.2	5.8	6.0	5.6	
Flour and other grain mill products	2041	46.3	46.1	47.3	46.9		6.9	6.3	6.2	6.2	
Prepared feeds, nec	2048	42.9	43.5	43.6	43.0		5.2	5.8	6.1	5.4	
Bakery products	205	39.3	39.5	39.4	38.9		3.5	3.2	3.4	3.2	
Bread, cake, and related products	2051	38.5	38.3	38.8	38.6		3.7	3.2	3.5	3.5	
Cookies and crackers	2052	41.5	42.7	41.0	39.8		2.7	3.1	3.0	2.6	

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 weekly hours					Average overtime hours				
		Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ²	Dec. 1985 ²	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ²	Dec. 1985 ²
Nondurable goods—Continued											
Food and kindred products—Continued											
Sugar and confectionery products	206	41.9	41.7	41.7	42.4		4.0	3.6	4.7	4.8	
Cane and beet sugar	2061-3	45.7	45.5	43.5	47.0		7.1	6.6	7.2	8.6	
Confectionery products	2065	40.1	39.9	41.0	40.6		3.2	2.5	3.9	3.5	
Fats and oils	207	44.9	44.9	43.8	44.2		6.4	6.1	5.8	5.5	
Beverages	208	40.0	40.7	40.0	40.2		3.4	3.2	3.4	3.6	
Malt beverages	2082	42.7	43.1	41.1	41.8		5.7	4.9	5.1	6.2	
Bottled and canned soft drinks	2086	38.8	39.2	38.9	39.3		2.6	2.7	2.7	2.7	
Misc. food and kindred products	209	38.2	39.1	38.0	37.5		3.7	3.6	3.7	3.5	
Tobacco manufactures	21	40.3	38.8	39.2	36.3	37.1	3.2	1.9	1.8	1.1	
Cigarettes	211	42.4	38.2	37.3	36.3	-	4.3	2.0	1.8	1.2	
Textile mill products	22	39.3	39.4	40.9	41.3	41.8	2.9	2.9	3.8	4.1	
Weaving mills, cotton	221	39.8	39.4	41.0	41.5	-	3.2	3.0	4.6	4.7	
Weaving mills, synthetics	222	39.9	40.0	40.9	41.3		3.1	2.9	3.4	3.7	
Weaving and finishing mills, wool	223	41.8	41.8	41.3	40.9		4.1	3.6	3.8	3.2	
Narrow fabric mills	224	38.9	40.7	40.7	40.5		2.0	2.1	3.1	3.1	
Knitting mills	225	37.5	37.5	38.9	39.4		2.2	2.2	2.8	3.0	
Women's hosiery, except socks	2251	38.0	39.2	37.9	39.4		2.9	3.6	2.2	3.2	
Hosiery, nec	2252	36.3	37.1	38.3	38.1		1.7	1.4	2.3	2.1	
Knit outerwear mills	2253	37.4	36.7	38.6	38.6		2.1	1.8	2.8	2.8	
Knit underwear mills	2254	35.7	36.1	37.7	39.1		.9	1.2	1.9	2.4	
Circular knit fabric mills	2257	39.1	37.2	40.6	41.5		2.7	2.1	4.3	4.5	
Textile finishing, except wool	226	40.5	41.1	42.2	43.1		4.0	4.3	4.9	5.7	
Finishing plants, cotton	2261	40.9	41.4	43.3	44.1		4.3	4.3	6.0	6.7	
Finishing plants, synthetics	2262	40.7	41.8	41.1	41.6		4.6	5.3	4.2	4.7	
Floor covering mills	227	41.3	40.9	43.1	42.8		3.9	3.3	4.9	4.4	
Yarn and thread mills	228	38.3	38.5	41.5	42.1		2.4	2.5	4.0	4.5	
Yarn mills, except wool	2281	38.1	38.3	42.2	42.8		2.5	2.6	4.4	4.9	
Throwing and winding mills	2282	37.6	36.6	38.7	38.8		2.4	2.4	3.1	3.2	
Miscellaneous textile goods	229	42.3	42.8	43.1	43.9		3.6	3.9	4.2	4.9	
Apparel and other textile products	23	36.2	36.4	36.8	36.9	37.4	1.4	1.3	1.5	1.5	
Men's and boys' suits and coats	231	36.1	36.5	35.8	36.1	-	.9	1.1	.9	1.0	
Men's and boys' furnishings	232	36.4	36.5	37.1	37.6		1.1	1.0	1.2	1.4	-
Men's and boys' shirts and nightwear	2321	36.5	36.5	36.6	37.3		1.2	1.0	1.1	1.4	
Men's and boys' separate trousers	2327	36.1	36.6	36.8	37.2		1.2	1.2	1.2	1.4	-
Men's and boys' work clothing	2328	37.0	36.7	37.4	37.4		1.1	.9	1.4	1.3	
Women's and misses' outerwear	233	34.2	34.8	34.8	35.2		1.1	1.1	1.2	1.2	
Women's and misses' blouses and waists	2331	34.6	34.1	35.6	34.7		1.2	1.0	1.2	.9	-
Women's and misses' dresses	2335	32.5	33.3	33.5	34.1		.6	.7	.9	.9	-
Women's and misses' suits and coats	2337	33.3	34.3	34.4	34.8		1.1	.9	1.2	1.1	
Women's and misses' outerwear, nec	2339	35.7	36.2	35.5	36.3		1.4	1.4	1.3	1.6	
Women's and children's undergarments	234	36.2	35.7	37.6	37.4		1.5	1.4	1.9	1.8	
Women's and children's underwear	2341	36.1	35.4	38.2	37.7		1.6	1.5	2.0	1.8	
Brassieres and allied garments	2342	36.4	37.1	34.7	35.6		1.2	1.2	1.3	1.6	-
Children's outerwear	236	36.5	37.0	37.1	37.6		1.2	1.0	1.5	1.6	
Children's dresses and blouses	2361	35.8	35.6	36.5	37.0		.9	.7	1.5	1.7	
Misc. apparel and accessories	238	37.6	37.4	37.7	37.2		1.6	1.3	1.3	1.1	-
Misc. fabricated textile products	239	39.3	39.5	39.8	39.4		2.5	2.7	2.9	2.6	-
Curtains and draperies	2391	38.2	38.5	38.6	38.6		1.9	1.7	1.3	1.6	-
House furnishings, nec	2392	39.2	38.7	40.1	39.5		2.7	2.2	3.6	2.8	-
Automotive and apparel trimmings	2396	40.9	42.6	41.9	41.0		4.0	5.5	4.9	4.5	-
Paper and allied products	26	43.3	43.8	43.3	43.4	44.4	5.0	5.0	4.8	4.8	
Paper and pulp mills	261,2,6	45.1	45.7	45.1	45.1	-	6.6	6.6	6.3	6.4	
Paper mills, except building paper	262	45.2	45.9	45.5	45.3		6.8	6.7	6.5	6.6	
Paperboard mills	263	44.7	44.2	44.5	44.6		8.0	7.2	6.9	6.8	
Misc. converted paper products	264	41.9	42.7	42.0	42.5		3.3	3.6	3.4	3.5	
Paper coating and glazing	2641	42.8	43.8	42.7	43.6		3.2	3.4	2.9	3.3	
Envelopes	2642	41.9	42.9	42.2	42.7		3.7	4.1	3.5	3.4	
Bags, except textile bags	2643	42.9	43.2	43.0	43.1		3.9	4.1	4.3	4.4	
Paperboard containers and boxes	265	42.5	42.8	42.6	42.4		4.3	4.2	4.4	4.1	
Folding paperboard boxes	2651	43.6	44.1	42.7	42.5		5.0	4.5	4.4	4.3	
Corrugated and solid fiber boxes	2653	42.8	43.0	43.4	42.9		4.7	4.4	4.8	4.4	
Sanitary food containers	2654	42.3	44.2	41.7	43.1		3.7	4.9	4.3	4.1	

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ²	Dec. 1985 ²	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ²	Dec. 1985 ²
Nondurable goods—Continued											
Printing and publishing	27	38.1	38.3	37.9	38.1	38.9	3.1	2.9	2.9	3.0	
Newspapers	271	35.0	34.5	34.2	34.6	-	2.5	1.9	1.8	1.9	
Periodicals	272	37.7	38.1	39.0	38.8		3.0	2.1	3.6	3.5	
Books	273	38.6	39.8	38.6	38.7		2.9	3.4	3.0	2.6	
Book publishing	2731	37.5	38.1	36.5	37.0		1.9	2.0	1.9	1.8	
Book printing	2732	40.2	42.3	41.7	41.2		4.2	5.5	4.6	3.9	
Miscellaneous publishing	274	36.0	35.5	36.3	36.5		2.4	2.1	2.5	2.2	
Commercial printing	275	39.3	39.5	39.2	39.3		3.5	3.3	3.4	3.5	
Commercial printing, letterpress	2751	38.8	39.1	39.0	38.8		3.1	2.8	2.8	2.8	
Commercial printing, lithographic	2752	39.3	39.4	39.1	39.3		3.5	3.4	3.5	3.7	
Manifold business forms	276	41.8	43.2	40.7	41.9		3.9	4.9	3.5	4.3	
Blankbooks and bookbinding	278	39.2	40.1	38.8	38.7		2.4	2.5	2.6	2.5	
Printing trade services	279	38.8	39.6	39.1	39.0		3.6	3.5	3.6	3.4	
Chemicals and allied products	28	41.9	42.4	41.5	42.0	42.3	3.3	3.4	3.4	3.4	
Industrial inorganic chemicals	281	41.9	42.1	41.5	41.5	-	3.1	3.3	3.4	3.1	
Industrial inorganic chemicals, nec	2819	42.5	42.5	41.8	41.5		3.3	3.3	3.3	3.0	
Plastics materials and synthetics	282	42.4	42.6	42.0	42.5		3.6	3.2	3.6	3.8	
Plastics materials and resins	2821	43.6	43.8	42.6	43.7		4.5	4.3	4.2	4.9	
Organic fibers, noncellulosic	2824	42.1	42.5	42.1	41.9		3.1	2.2	3.1	2.9	
Drugs	283	40.6	41.5	40.6	41.0		2.3	2.9	2.9	2.9	
Pharmaceutical preparations	2834	40.3	41.2	40.4	40.9		2.2	2.8	2.8	2.8	
Soap, cleaners, and toilet goods	284	41.2	42.3	40.2	40.7		3.0	3.5	2.9	2.7	
Soap and other detergents	2841	44.8	45.4	43.5	44.1		5.5	5.5	4.5	4.5	
Toilet preparations	2844	39.1	40.1	38.2	38.6		1.8	2.4	2.3	1.9	
Polishing, sanitation, and finishing preparations	2842,3	41.1	43.2	40.5	40.9		2.4	3.3	2.3	2.0	
Paints and allied products	285	41.2	41.4	41.0	40.8		2.3	2.5	3.2	2.8	
Industrial organic chemicals	286	43.2	43.4	43.1	43.9		3.9	4.0	4.0	4.5	
Cyclic crudes and intermediates	2865	43.0	43.6	43.5	43.7		4.0	5.1	4.4	5.0	
Gum, wood, and industrial organic chemicals, nec	2861,9	43.2	43.3	43.0	43.9		3.9	3.7	3.9	4.3	
Agricultural chemicals	287	42.9	43.4	42.5	42.6		4.1	4.1	4.1	4.2	
Miscellaneous chemical products	289	42.0	42.7	41.9	42.5		3.6	3.6	3.5	3.7	
Petroleum and coal products	29	43.7	42.9	44.4	43.5	44.3	4.0	3.6	5.0	4.2	
Petroleum refining	291	43.9	43.2	44.2	44.1	-	3.8	3.4	4.4	3.9	
Paving and roofing materials	295	43.4	42.9	46.6	42.7		5.3	4.6	8.0	6.1	
Rubber and misc. plastics products	30	41.6	42.1	41.1	41.2	41.8	3.7	3.8	3.6	3.7	
Tires and inner tubes	301	44.5	43.7	42.3	41.4	-	5.2	4.8	4.1	4.2	-
Rubber and plastics footwear	302	38.0	37.5	38.7	39.1		1.4	1.2	1.0	1.2	
Reclaimed rubber, and rubber and plastics hose and belting	303,4	42.4	42.3	42.4	41.7		4.6	3.6	3.7	3.5	
Fabricated rubber products, nec	306	41.4	41.9	41.4	41.8	-	3.1	3.2	3.1	3.3	
Miscellaneous plastics products	307	41.3	42.0	41.0	41.1		3.7	3.8	3.7	3.8	
Leather and leather products	31	36.6	37.1	37.6	37.6	37.9	1.3	1.4	1.7	1.9	
Leather tanning and finishing	311	40.1	40.3	41.2	41.1	-	2.9	2.9	3.6	3.4	
Footwear, except rubber	314	36.1	36.4	36.7	36.9		1.0	1.2	1.2	1.6	
Men's footwear, except athletic	3143	36.5	36.3	36.4	35.8		.9	1.0	1.0	1.1	
Women's footwear, except athletic	3144	35.4	36.5	36.8	37.9	-	1.1	1.4	1.1	2.0	
Luggage	316	38.2	39.8	40.1	40.4	-	2.0	2.4	2.6	2.6	
Handbags and personal leather goods	317	36.5	36.5	37.9	37.3		.9	.6	2.1	2.5	
Transportation and public utilities		39.5	39.5	39.5	39.5	39.9					
Railroad transportation:											
Class I railroads ²	4011	42.0	42.4	44.4	44.9						-
Local and interurban passenger transit	41	33.7	33.8	33.8	33.7						
Local and suburban transportation	411	38.0	38.3	38.6	39.0	-	-				
Intercity highway transportation	413	38.7	37.5	36.7	38.6						
Trucking and warehousing	42	38.7	39.2	38.7	38.2						
Trucking and trucking terminals	421,3	38.5	39.2	38.6	38.0						
Public warehousing	422	41.2	39.5	40.3	39.5						
Pipe lines, except natural gas	46	42.2	40.9	41.2	42.2						

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 weekly hours					Average overtime hours				
		Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
Transportation and public utilities—Continued											
Communication	48	40.3	39.6	40.4	40.8						
Telephone communication	481	41.1	40.2	41.6	42.2						
Radio and television broadcasting	483	37.4	37.3	36.8	36.9						
Electric, gas, and sanitary services	49	41.9	41.7	42.1	42.3						
Electric services	491	41.8	41.5	42.1	42.4						
Gas production and distribution	492	41.3	41.2	41.3	41.3						
Combination utility services	493	42.7	42.9	42.7	42.7						
Sanitary services	495	41.9	41.3	42.9	43.3						
Wholesale trade		38.7	38.9	38.7	38.7	39.1					
Durable goods	50	39.2	39.5	39.3	39.2						
Motor vehicles and automotive equipment	501	38.6	39.0	38.6	38.7						
Furniture and home furnishings	502	37.7	38.3	37.2	37.3						
Lumber and construction materials	503	39.2	39.6	40.0	39.6						
Sporting goods, toys, and hobby goods	504	39.1	39.1	38.6	38.6						
Metals and minerals, except petroleum	505	40.2	41.1	40.7	40.4						
Electrical goods	506	39.4	39.8	39.0	39.2						
Hardware, plumbing, and heating equipment	507	38.8	38.9	39.2	39.0						
Machinery, equipment, and supplies	508	39.5	39.7	39.7	39.6						
Miscellaneous durable goods	509	38.7	38.6	38.0	38.1						
Nondurable goods	51	38.0	38.1	37.9	38.0						
Paper and paper products	511	37.3	38.3	37.7	37.9						
Drugs, proprietaries, and sundries	512	37.8	37.9	38.2	37.5						
Apparel, piece goods, and notions	513	36.4	36.4	35.9	36.6						
Groceries and related products	514	38.6	38.8	38.4	38.4						
Chemicals and allied products	516	39.2	39.4	40.0	39.7						
Petroleum and petroleum products	517	39.4	39.6	38.8	39.1						
Beer, wine, and distilled beverages	518	36.4	36.3	36.1	36.5						
Miscellaneous nondurable goods	519	37.6	37.8	37.8	37.4						
Retail trade		29.7	30.5	29.4	29.3	29.9					
Building materials and garden supplies	52	36.4	36.5	36.6	36.4						
Lumber and other building materials	521	38.5	38.3	38.9	38.7						
Hardware stores	525	33.2	33.7	32.8	32.8						
General merchandise stores	53	29.0	32.3	28.7	28.6						
Department stores	531	28.9	32.4	28.6	28.4						
Variety stores	533	29.3	32.3	29.4	29.5						
Misc. general merchandise stores	539	30.3	32.0	29.7	29.8						
Food stores	54	30.8	30.5	30.1	30.0						
Grocery stores	541	31.1	30.6	30.2	30.3						
Retail bakeries	546	28.4	28.9	29.2	29.1						
Automotive dealers and service stations	55	37.1	37.1	36.7	36.7						
New and used car dealers	551,2	38.0	38.1	37.7	37.5						
Auto and home supply stores	553	40.0	40.1	39.5	40.0						
Gasoline service stations	554	34.6	34.4	34.2	34.2						
Apparel and accessory stores	56	27.6	29.2	27.6	27.4						
Men's and boys' clothing and furnishings	561	30.6	32.7	30.1	29.7						
Women's ready-to-wear stores	562	26.4	27.9	26.5	26.1						
Family clothing stores	565	28.1	30.2	27.4	27.5						
Shoe stores	566	27.1	28.5	27.2	27.7						
Furniture and home furnishings stores	57	34.2	34.8	33.5	34.0						
Furniture and home furnishings stores	571	34.3	34.8	33.2	33.6						
Household appliance stores	572	34.5	34.7	34.1	34.9						
Radio, television, and music stores	573	34.0	34.9	33.8	34.3						
Eating and drinking places ³	58	25.6	26.0	25.7	25.4						

See footnotes at end of table.

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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^a	Dec. 1985 ^a	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^a	Dec. 1985 ^a
Transportation and public utilities—Continued											
Communication	48	\$11.58	\$11.56	\$11.99	\$12.04		\$466.67	\$457.78	\$484.40	\$491.23	
Telephone communication	481	12.28	12.24	12.75	12.84		504.71	492.05	530.40	541.85	
Radio and television broadcasting	483	9.96	10.02	10.57	10.55		372.50	373.75	388.98	389.30	
Electric, gas, and sanitary services	49	12.54	12.57	13.00	13.11		525.43	524.17	547.30	554.55	
Electric services	491	12.66	12.67	13.11	13.26		529.19	525.81	551.93	562.22	
Gas production and distribution	492	11.36	11.47	12.02	12.11		469.17	472.56	496.43	500.14	
Combination utility services	493	14.50	14.50	15.17	15.21		619.15	622.05	647.76	649.47	
Sanitary services	495	9.76	9.68	9.39	9.50		408.94	399.78	402.83	411.35	
Wholesale trade		9.08	9.19	9.25	9.33	\$9.44	351.40	357.49	357.98	361.07	\$369.10
Durable goods	50	9.10	9.22	9.36	9.41		356.72	364.19	367.85	368.87	
Motor vehicles and automotive equipment	501	8.27	8.40	8.49	8.54		319.22	327.60	327.71	330.50	
Furniture and home furnishings	502	7.83	8.08	8.26	8.33		295.19	309.46	307.27	310.71	
Lumber and construction materials	503	8.57	8.60	8.77	8.76		335.94	340.56	350.80	346.90	
Sporting goods, toys, and hobby goods	504	9.76	9.78	10.00	9.92		381.62	382.40	386.00	382.91	
Metals and minerals, except petroleum	505	9.74	9.87	10.02	10.03		391.55	405.66	407.81	405.21	
Electrical goods	506	9.63	9.73	9.82	9.91		379.42	387.25	382.98	388.47	
Hardware, plumbing, and heating equipment	507	8.43	8.60	8.73	8.78		327.08	334.54	342.22	342.42	
Machinery, equipment, and supplies	508	9.61	9.73	9.90	9.97		379.60	386.28	393.03	394.81	
Miscellaneous durable goods	509	7.48	7.57	7.50	7.54		289.48	292.20	285.00	287.27	
Nondurable goods	51	9.04	9.15	9.09	9.20		343.52	348.62	344.51	349.60	
Paper and paper products	511	9.90	10.00	9.54	9.67		369.27	383.00	359.66	366.49	
Drugs, proprietaries, and sundries	512	9.84	9.91	9.88	10.14		371.95	375.59	377.42	380.25	
Apparel, piece goods, and notions	513	8.80	8.93	8.79	8.78		320.32	325.05	315.56	321.35	
Groceries and related products	514	9.28	9.34	9.45	9.53		358.21	362.39	362.88	365.95	
Chemicals and allied products	516	10.81	11.15	11.21	11.44		423.75	439.31	448.40	454.17	
Petroleum and petroleum products	517	9.76	9.84	9.89	9.96		384.54	389.66	383.73	389.44	
Beer, wine, and distilled beverages	518	10.85	11.09	10.81	10.78		394.94	402.57	390.24	393.47	
Miscellaneous nondurable goods	519	7.33	7.38	7.43	7.54		275.61	278.96	280.85	282.00	
Retail trade		5.93	5.89	5.97	6.00	5.99	176.12	179.65	175.52	175.80	179.10
Building materials and garden supplies	52	6.54	6.56	6.73	6.76		238.06	239.44	246.32	246.06	
Lumber and other building materials	521	6.80	6.87	7.00	7.01		261.80	263.12	272.30	271.29	
Hardware stores	525	5.68	5.69	5.72	5.75		188.58	191.75	187.62	188.60	
General merchandise stores	53	5.60	5.51	6.05	6.06		162.40	177.97	173.64	173.32	
Department stores	531	5.80	5.69	6.31	6.33		167.62	184.36	180.47	179.77	
Variety stores	533	4.49	4.56	4.58	4.58		131.56	147.29	134.65	135.11	
Misc. general merchandise stores	539	4.50	4.46	4.77	4.72		136.35	142.72	141.67	140.66	
Food stores	54	7.74	7.58	7.25	7.25		238.39	231.19	218.23	217.50	
Grocery stores	541	8.03	7.88	7.46	7.47		249.73	241.13	225.29	226.34	
Retail bakeries	546	5.30	5.30	5.35	5.29		150.52	153.17	156.22	153.94	
Automotive dealers and service stations	55	7.15	7.19	7.34	7.35		265.27	266.75	269.38	269.75	
New and used car dealers	551,2	8.58	8.64	8.90	8.87		326.04	329.18	335.53	332.63	
Auto and home supply stores	553	6.50	6.50	6.49	6.53		260.00	260.65	256.36	261.20	
Gasoline service stations	554	5.29	5.31	5.32	5.37		183.03	182.66	181.94	183.65	
Apparel and accessory stores	56	5.22	5.26	5.29	5.31		144.07	153.59	146.00	145.49	
Men's and boys' clothing and furnishings	561	6.02	6.14	6.32	6.41		184.21	200.78	190.23	190.38	
Women's ready-to-wear stores	562	4.96	4.96	5.07	5.02		130.94	138.38	134.36	131.02	
Family clothing stores	565	5.08	5.13	5.22	5.29		142.75	154.93	143.03	145.48	
Shoe stores	566	5.32	5.40	5.29	5.31		144.17	153.90	143.89	147.09	
Furniture and home furnishings stores	57	7.13	7.25	7.33	7.36		243.85	252.30	245.56	250.24	
Furniture and home furnishings stores	571	7.09	7.13	7.39	7.35		243.19	248.12	245.35	246.96	
Household appliance stores	572	7.11	7.32	7.29	7.29		245.30	254.00	248.59	254.42	
Radio, television, and music stores	573	7.23	7.43	7.24	7.38		245.82	259.31	244.71	253.13	
Eating and drinking places ³	58	4.35	4.37	4.36	4.38		111.36	113.62	112.05	111.25	

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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ²	Dec. 1985 ²	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ²	Dec. 1985 ²
Retail trade—Continued											
Miscellaneous retail	59	31.1	32.3	30.7	30.5						
Drug stores and proprietary stores	591	29.9	31.0	29.0	29.0						
Miscellaneous shopping goods stores	594	28.7	30.8	28.9	28.4						
Nonstore retailers	596	35.9	36.1	33.5	33.8						
Fuel and ice dealers	598	39.0	39.2	38.5	39.0						
Retail stores, nec	599	32.3	33.2	32.6	32.4						
Finance, insurance, and real estate¹		36.4	36.7	36.3	36.2	36.8					
Banking	60	36.3	36.8	36.1	35.9						
Commercial and stock savings banks	602	36.3	36.8	36.1	35.9						
Credit agencies other than banks	61	37.2	37.6	37.0	36.9						
Savings and loan associations	612	36.6	37.3	36.2	36.1						
Personal credit institutions	614	37.4	37.4	37.4	37.1						
Insurance carriers	63	37.2	37.5	37.4	37.5						
Life insurance	631	37.0	37.2	37.1	36.9						
Medical service and health insurance	632	37.8	38.1	38.1	38.7						
Fire, marine, and casualty insurance	633	37.1	37.2	37.3	37.3						
Services		32.7	32.9	32.8	32.6	32.9					
Hotels and other lodging places:											
Hotels, motels, and tourist courts ³	701	30.2	30.0	30.8	30.2						
Personal services:											
Laundry, cleaning, and garment services	721	34.5	34.2	34.5	34.4						
Beauty shops ³	723	30.5	31.1	30.4	30.6						
Business services	73	33.6	34.0	33.9	33.8						
Advertising	731	36.2	36.3	36.5	36.3						
Services to buildings	734	28.9	28.8	28.9	28.6						
Computer and data processing services	737	38.1	38.8	38.3	38.3						
Auto repair, services, and garages	75	37.7	38.0	37.6	37.3						
Automotive repair shops	753	39.2	39.6	38.7	38.5						
Miscellaneous repair services	76	38.6	38.5	39.2	39.1						
Motion pictures	78	29.8	29.2	30.0	28.3						
Motion picture production and services	781	38.5	36.6	39.7	36.2						
Amusement and recreation services	79	29.7	29.8	27.8	27.7						
Health services	80	32.4	32.5	32.5	32.5						
Offices of physicians	801	30.5	30.7	30.7	30.7						
Offices of dentists	802	28.7	29.0	29.1	28.9						
Nursing and personal care facilities	805	31.3	31.6	31.1	31.2						
Hospitals	806	34.0	34.0	34.4	34.4						
Legal services	81	34.4	35.0	34.7	34.7						
Miscellaneous services	89	38.9	39.2	39.1	38.9						
Engineering and architectural services	891	40.0	40.3	40.2	40.0						
Accounting, auditing, and bookkeeping	893	37.6	37.7	37.7	37.4						

See footnotes at end of table.

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

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ^p	Dec. 1985 ^p
Retail trade—Continued											
Miscellaneous retail	59	\$5.79	\$5.79	\$5.98	\$6.01		\$180.07	\$187.02	\$183.59	\$183.31	
Drug stores and proprietary stores	591	5.43	5.39	5.47	5.55		162.36	167.09	158.63	160.95	
Miscellaneous shopping goods stores	594	5.44	5.42	5.68	5.65		156.13	166.94	164.15	160.46	
Nonstore retailers	596	5.99	6.11	6.49	6.51		215.04	220.57	217.42	220.04	
Fuel and ice dealers	598	8.42	8.51	8.45	8.62		328.38	333.59	325.33	336.18	
Retail stores, nec	599	6.18	6.20	6.29	6.28		199.61	205.84	205.05	203.47	
Finance, insurance, and real estate¹		7.71	7.78	8.00	8.09	\$8.19	280.64	285.53	290.40	292.86	\$301.39
Banking	60	6.64	6.70	6.90	6.95		241.03	246.56	249.09	249.51	
Commercial and stock savings banks	602	6.49	6.55	6.76	6.81		235.59	241.04	244.04	244.48	
Credit agencies other than banks	61	6.91	7.05	7.34	7.35		257.05	265.08	271.58	271.22	
Savings and loan associations	612	6.28	6.40	6.85	6.85		229.85	238.72	247.97	247.29	
Personal credit institutions	614	6.69	6.90	6.98	7.04		250.21	258.06	261.05	261.18	
Insurance carriers	63	8.38	8.42	8.69	8.74		311.74	315.75	325.01	327.75	
Life insurance	631	7.99	7.93	8.17	8.24		295.63	295.00	303.11	304.06	
Medical service and health insurance	632	8.35	8.54	8.83	8.85		315.63	325.37	336.42	342.50	
Fire, marine, and casualty insurance	633	8.71	8.76	9.04	9.08		323.14	325.87	337.19	338.68	
Services		7.77	7.84	8.04	8.11	8.20	254.08	257.94	263.71	264.39	269.78
Hotels and other lodging places:											
Hotels, motels, and tourist courts ³	701	5.56	5.69	5.90	5.92		167.91	170.70	181.72	178.78	
Personal services:											
Laundry, cleaning, and garment services	721	5.67	5.72	5.85	5.88		195.62	195.62	201.83	202.27	
Beauty shops ³	723	5.70	5.85	6.02	6.05		173.85	181.94	183.01	185.13	
Business services	73	8.00	8.05	8.31	8.34		268.80	273.70	281.71	281.89	
Advertising	731	10.58	10.85	10.64	10.66		383.00	393.86	388.36	386.96	
Services to buildings	734	6.13	6.19	6.37	6.45		177.16	178.27	184.09	184.47	
Computer and data processing services	737	10.83	10.79	11.36	11.33		412.62	418.65	435.09	433.94	
Auto repair, services, and garages	75	7.26	7.32	7.51	7.58		273.70	278.16	282.38	282.73	
Automotive repair shops	753	7.80	7.89	8.14	8.16		305.76	312.44	315.02	314.16	
Miscellaneous repair services	76	8.73	8.79	8.89	8.95		336.98	338.42	348.49	349.95	
Motion pictures	78	12.00	12.08	11.94	12.47		357.60	352.74	358.20	352.90	
Motion picture production and services	781	16.11	16.59	16.09	17.08		620.24	607.19	638.77	618.30	
Amusement and recreation services	79	7.21	7.38	7.04	7.40		214.14	219.92	195.71	204.98	
Health services	80	7.89	7.93	8.18	8.19		255.64	257.73	265.85	266.18	
Offices of physicians	801	7.76	7.90	8.05	8.06		236.68	242.53	247.14	247.44	
Offices of dentists	802	7.62	7.71	7.92	7.98		218.69	223.59	230.47	230.62	
Nursing and personal care facilities	805	5.46	5.47	5.67	5.69		170.90	172.85	176.34	177.53	
Hospitals	806	8.76	8.79	9.11	9.14		297.84	298.86	313.38	314.42	
Legal services	81	10.04	10.34	10.56	10.69		345.38	361.90	366.43	370.94	
Miscellaneous services	89	11.30	11.51	11.75	11.84		439.57	451.19	459.43	460.58	
Engineering and architectural services	891	12.10	12.25	12.59	12.63		484.00	493.68	506.12	505.20	
Accounting, auditing, and bookkeeping	893	9.45	9.77	9.81	9.96		355.32	368.33	369.84	372.50	

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 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 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. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ²	Dec. 1985 ²
Manufacturing	\$8.93	\$9.00	\$9.15	\$9.21	\$9.28
Durable goods	9.43	9.52	9.73	9.78	9.84
Lumber and wood products	7.77	7.78	7.96	7.96	(³)
Furniture and fixtures	6.72	6.75	7.07	7.11	(³)
Stone, clay, and glass products	9.15	9.18	9.29	9.37	(³)
Primary metal industries	11.01	10.99	11.13	11.26	(³)
Fabricated metal products	9.05	9.16	9.28	9.32	(³)
Machinery, except electrical	9.63	9.68	10.01	10.05	(³)
Electrical and electronic equipment	8.86	8.95	9.25	9.26	(³)
Transportation equipment	11.74	11.88	12.09	12.11	(³)
Instruments and related products	8.67	8.73	8.99	9.00	(³)
Miscellaneous manufacturing	6.85	6.96	7.05	7.08	(³)
Nondurable goods	8.19	8.23	8.34	8.40	\$8.48
Food and kindred products	8.03	8.07	8.18	8.18	(³)
Tobacco manufactures	11.47	10.91	11.19	11.89	(³)
Textile mill products	6.31	6.34	6.46	6.48	(³)
Apparel and other textile products	5.50	5.57	5.62	5.63	(³)
Paper and allied products	10.06	10.08	10.33	10.41	(³)
Printing and publishing	9.19	9.22	9.39	9.44	(³)
Chemicals and allied products	10.89	10.90	11.26	11.36	(³)
Petroleum and coal products	13.06	13.08	13.22	13.37	(³)
Rubber and misc. plastics products	8.03	8.07	8.18	8.24	(³)
Leather and leather products	5.66	5.69	5.64	5.69	(³)

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

² Not available.

³ = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 forward are subject to revision.

C-4. Average hourly and weekly earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls by major industry, in current and constant (1977) dollars.

Industry	Average hourly earnings					Average weekly earnings				
	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ²	Dec. 1985 ²	Nov. 1984	Dec. 1984	Oct. 1985	Nov. 1985 ²	Dec. 1985 ²
Total private:										
Current dollars	\$8.43	\$8.46	\$8.65	\$8.68	\$8.73	\$295.89	\$300.33	\$303.62	\$302.93	\$309.04
Constant (1977) dollars	4.91	4.92	4.89	4.88	(³)	172.23	174.61	171.54	170.47	(³)
Mining:										
Current dollars	11.63	11.70	11.95	12.00	\$12.13	505.91	515.97	516.24	519.60	\$533.72
Constant (1977) dollars	6.77	6.80	6.75	6.75	(³)	294.48	299.98	291.66	292.40	(³)
Construction:										
Current dollars	12.10	12.26	12.36	12.20	\$12.39	451.33	460.98	472.15	448.96	\$458.43
Constant (1977) dollars	7.04	7.13	6.98	6.87	(³)	262.71	268.01	266.75	252.65	(³)
Manufacturing:										
Current dollars	9.31	9.40	9.54	9.61	\$9.71	378.92	387.28	388.28	393.05	\$403.94
Constant (1977) dollars	5.42	5.46	5.39	5.41	(³)	220.56	225.16	219.37	221.19	(³)
Transportation and public utilities:										
Current dollars	11.25	11.28	11.46	11.56	\$11.60	444.38	445.56	452.67	456.62	\$462.84
Constant (1977) dollars	6.55	6.56	6.47	6.50	(³)	258.66	259.05	255.75	256.96	(³)
Wholesale trade:										
Current dollars	9.08	9.19	9.25	9.33	\$9.44	351.40	357.49	357.98	361.07	\$369.10
Constant (1977) dollars	5.28	5.34	5.22	5.25	(³)	204.54	207.84	202.25	203.19	(³)
Retail trade:										
Current dollars	5.93	5.89	5.97	6.00	\$5.99	176.12	179.65	175.52	175.80	\$179.10
Constant (1977) dollars	3.45	3.42	3.37	3.37	(³)	102.51	104.45	99.16	98.93	(³)
Finance, insurance, and real estate:										
Current dollars	7.71	7.78	8.00	8.09	\$8.19	280.64	285.53	290.40	292.86	\$301.39
Constant (1977) dollars	4.49	4.52	4.52	4.55	(³)	163.35	166.01	164.07	164.81	(³)
Services:										
Current dollars	7.77	7.84	8.04	8.11	\$8.20	254.08	257.94	263.71	264.39	\$269.78
Constant (1977) dollars	4.52	4.56	4.54	4.56	(³)	147.89	149.97	148.99	148.78	(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 Not available.

³ = 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 1984 benchmark levels. When more recent benchmark data are introduced all unadjusted data from April 1984 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	1985											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^p	Dec. ^p
Total private	35.2	35.1	35.1	35.2	35.0	35.1	35.1	35.0	35.1	35.1	35.1	35.0	35.1
Mining	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Construction	37.8	37.7	37.8	38.1	38.0	37.6	37.2	37.6	37.5	37.9	37.9	37.5	37.2
Manufacturing	40.6	40.6	40.1	40.4	40.2	40.4	40.4	40.3	40.6	40.7	40.7	40.7	41.0
<i>Overtime hours</i>	3.4	3.4	3.3	3.2	3.4	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.6
Durable goods	41.3	41.3	40.7	41.1	40.9	41.1	41.2	41.0	41.3	41.3	41.3	41.3	41.7
<i>Overtime hours</i>	3.6	3.6	3.5	3.5	3.6	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.8
Lumber and wood products	39.8	39.7	38.9	39.6	39.5	39.8	40.1	39.7	40.0	40.1	40.3	40.0	40.1
Furniture and fixtures	39.6	40.4	39.5	39.5	39.3	38.9	38.9	38.8	39.2	39.4	39.4	39.5	39.9
Stone, clay, and glass products	41.8	41.7	41.6	42.0	42.0	42.1	41.9	42.0	42.0	42.0	42.1	41.7	42.0
Primary metal industries	41.2	41.0	40.9	41.1	41.0	41.2	41.6	41.4	41.7	41.5	41.8	41.8	42.5
Blast furnaces and basic steel products ..	39.8	39.9	40.5	40.5	40.2	40.7	41.2	41.2	41.8	41.0	41.7	42.0	42.6
Fabricated metal products	41.4	41.4	40.9	41.1	41.1	41.1	41.3	41.3	41.4	41.6	41.5	41.4	41.7
Machinery, except electrical	41.7	41.7	41.1	41.6	41.2	41.4	41.6	41.3	41.6	41.6	41.6	41.6	41.9
Electrical and electronic equipment	41.0	40.8	40.2	40.7	40.2	40.4	40.6	40.3	40.7	40.5	40.6	41.0	41.2
Transportation equipment	42.8	43.1	41.9	42.5	42.3	42.6	42.3	42.5	42.9	42.9	42.8	42.7	42.9
Motor vehicles and equipment	44.0	44.3	42.4	43.2	43.3	43.5	42.7	43.3	43.8	43.8	43.8	43.7	44.1
Instruments and related products	41.8	41.2	40.7	41.0	40.7	40.9	41.1	40.7	40.7	40.9	40.8	41.1	42.3
Miscellaneous manufacturing	39.3	39.2	39.0	39.1	39.0	39.3	39.4	39.0	39.3	39.8	39.9	39.6	39.9
Nondurable goods	39.6	39.5	39.3	39.4	39.1	39.4	39.4	39.4	39.6	39.8	39.9	39.8	40.2
<i>Overtime hours</i>	3.0	3.0	2.9	2.9	3.0	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.4
Food and kindred products	40.1	39.8	39.7	39.8	39.6	40.1	39.6	40.0	39.9	40.2	40.3	39.9	40.3
Tobacco manufactures	38.8	38.3	39.2	38.9	35.4	37.0	36.6	34.6	36.8	36.9	38.2	35.1	37.1
Textile mill products	39.2	39.2	38.8	39.1	38.8	38.9	39.4	39.1	40.0	40.7	40.7	41.1	41.6
Apparel and other textile products	36.3	36.2	35.9	36.1	35.6	36.2	36.3	36.3	36.4	36.5	36.6	36.8	37.3
Paper and allied products	43.1	43.0	42.9	42.9	43.0	43.0	42.9	42.7	43.0	43.1	43.3	43.2	43.7
Printing and publishing	37.7	37.8	37.7	37.6	37.6	37.4	37.5	37.5	37.9	38.0	37.9	37.8	38.3
Chemicals and allied products	41.9	42.0	41.9	42.1	41.9	41.9	42.0	41.8	41.8	41.6	41.7	41.9	41.8
Petroleum and coal products	43.0	43.2	43.1	43.3	42.0	41.7	42.6	42.9	43.3	43.4	44.3	43.2	44.3
Rubber and misc. plastics products	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Leather and leather products	36.9	36.8	36.4	37.1	37.0	37.1	37.0	37.0	37.3	37.8	37.9	37.6	37.7
Transportation and public utilities	39.3	39.3	39.4	39.5	39.4	39.5	39.5	39.2	39.6	39.5	39.5	39.4	39.7
Wholesale trade	38.6	38.6	38.6	38.7	38.6	38.7	38.8	38.6	38.6	38.7	38.6	38.6	38.8
Retail trade	29.9	29.8	29.8	29.8	29.7	29.9	29.9	29.7	29.6	29.6	29.5	29.5	29.3
Finance, insurance, and real estate	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Services	32.9	32.7	32.8	32.8	32.7	32.8	32.8	32.7	32.8	32.8	32.9	32.7	32.9

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 1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 forward are subject to revision.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

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

(1977 = 100)

Industry	1984	1985											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^p	Dec. ^p
Total private	115.0	115.0	115.1	115.7	115.6	116.2	116.3	116.0	116.7	117.0	117.4	117.5	118.3
Goods-producing	99.9	100.0	98.8	99.6	99.1	99.1	98.6	98.5	99.1	99.2	99.7	99.5	100.5
Mining	112.1	110.9	112.2	112.6	113.6	114.0	112.6	111.1	110.5	110.4	109.7	109.5	109.5
Construction	119.4	121.3	121.2	123.4	125.7	124.4	122.4	124.3	124.8	127.1	127.7	125.9	125.6
Manufacturing	95.5	95.3	93.9	94.3	93.3	93.4	93.4	92.9	93.5	93.3	93.8	94.0	95.2
Durable goods	95.4	95.2	93.3	93.9	92.8	92.9	92.7	91.9	92.6	92.0	92.6	92.7	93.7
Lumber and wood products	96.8	96.2	93.3	94.4	93.2	94.0	94.1	94.3	95.8	96.0	97.8	97.9	98.8
Furniture and fixtures	106.0	108.4	105.7	106.0	104.7	102.6	102.8	102.6	104.7	104.2	104.4	104.7	106.0
Stone, clay, and glass products	87.8	87.8	87.2	88.2	87.8	88.0	87.4	87.6	87.8	87.6	88.0	87.4	88.4
Primary metal industries	69.3	69.0	68.4	68.0	66.9	66.9	67.2	66.3	66.0	65.5	66.5	67.0	68.1
Blast furnaces and basic steel products	55.0	55.1	55.5	54.8	54.6	54.4	54.3	54.1	52.7	52.2	53.3	55.4	53.2
Fabricated metal products	92.9	92.7	91.4	91.6	91.5	91.3	91.4	91.0	91.3	91.5	91.6	91.3	91.9
Machinery, except electrical	95.6	95.1	93.3	94.1	92.5	92.8	92.6	91.2	91.5	90.5	90.9	90.5	91.0
Electrical and electronic equipment	112.7	111.8	109.4	109.8	106.6	106.4	106.1	104.3	105.1	103.4	103.8	104.8	105.8
Transportation equipment	97.6	98.8	95.6	96.9	97.5	97.8	97.2	97.1	98.5	97.8	98.9	98.9	99.6
Motor vehicles and equipment	94.0	95.2	89.3	90.2	91.4	91.3	89.6	89.9	91.5	89.9	91.9	90.9	92.0
Instruments and related products	109.6	107.7	106.7	107.2	105.9	105.6	106.1	104.3	104.5	104.2	103.7	105.3	108.9
Miscellaneous manufacturing	84.8	83.9	82.9	82.8	81.7	82.3	81.9	79.9	81.7	81.9	82.1	81.4	82.7
Nondurable goods	95.7	95.6	94.7	95.0	94.1	94.3	94.3	94.4	94.9	95.3	95.7	95.9	97.4
Food and kindred products	98.0	97.6	97.3	98.0	97.1	98.6	98.4	98.1	98.5	98.8	99.0	98.3	100.4
Tobacco manufactures	89.9	90.5	90.8	88.3	82.0	84.0	83.1	78.5	81.8	83.8	85.0	79.7	79.1
Textile mill products	76.4	76.2	74.5	74.6	74.1	73.6	74.3	73.6	75.2	76.4	76.7	77.6	78.7
Apparel and other textile products	90.4	89.9	88.7	88.6	87.1	87.4	86.9	88.4	87.9	88.6	88.9	89.7	91.7
Paper and allied products	99.7	99.7	99.3	99.5	99.3	99.9	99.6	99.2	100.1	100.1	100.8	101.5	103.3
Printing and publishing	118.8	119.9	119.9	119.8	120.0	119.7	120.3	121.2	122.8	122.8	122.7	123.1	125.2
Chemicals and allied products	94.7	94.7	94.5	94.8	94.2	93.7	93.9	93.3	93.3	93.0	93.3	92.9	93.0
Petroleum and coal products	85.1	85.5	85.3	84.9	81.6	80.3	82.0	82.6	83.4	80.5	82.1	80.9	84.5
Rubber and misc. plastics products	112.7	112.4	110.4	111.1	109.6	109.1	108.7	108.5	108.6	109.1	110.4	111.6	112.6
Leather and leather products	68.6	67.5	65.9	66.7	66.1	66.3	65.6	67.5	67.1	68.0	68.2	67.1	68.3
Service-producing	123.4	123.3	124.0	124.6	124.7	125.7	126.1	125.7	126.4	126.8	127.2	127.4	128.1
Transportation and public utilities	106.5	106.7	107.2	107.6	107.5	108.2	108.2	107.5	108.1	108.7	109.0	109.1	110.2
Wholesale trade	117.3	117.7	117.9	118.6	118.8	119.5	120.2	119.6	120.0	120.5	120.6	120.8	121.7
Retail trade	116.0	115.9	116.4	116.8	116.7	118.2	118.5	117.8	118.0	118.1	118.2	118.2	117.4
Finance, insurance, and real estate	126.7	126.1	126.8	127.7	127.8	128.0	130.3	128.7	129.5	130.8	130.6	131.3	133.2
Services	137.0	136.8	137.9	138.7	138.9	139.8	139.9	140.1	141.4	141.8	142.9	142.8	144.4

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

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 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	1984	1985											
	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)	163.4	163.0	164.0	164.4	164.8	164.9	165.7	165.4	165.7	166.7	166.4	167.1	168.4
Mining	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Construction	148.9	149.2	150.8	149.9	150.4	150.0	149.3	149.1	149.4	150.0	149.4	148.6	150.1
Manufacturing	165.4	166.3	166.9	167.4	167.9	168.4	168.6	169.0	169.3	169.1	169.4	170.1	170.7
Transportation and public utilities	164.1	163.5	164.2	165.4	165.0	165.0	166.6	166.0	166.1	167.3	167.0	167.7	169.0
Wholesale trade	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Retail trade	155.6	154.5	155.4	155.5	155.6	155.9	155.9	155.8	155.8	157.2	156.7	157.2	158.1
Finance, insurance, and real estate	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Services	166.7	164.9	166.2	167.2	167.8	167.6	169.8	169.0	169.6	171.5	171.1	172.1	174.2
Total private (in constant dollars) ⁴	94.9	94.5	94.7	94.5	94.4	94.3	94.5	94.3	94.3	94.7	94.3	94.1	(³)
	Average hourly earnings												
Total private	\$8.47	\$8.44	\$8.49	\$8.52	\$8.54	\$8.55	\$8.59	\$8.57	\$8.60	\$8.65	\$8.64	\$8.67	\$8.75
Mining	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Construction	\$12.20	\$12.20	\$12.27	\$12.22	\$12.26	\$12.25	\$12.23	\$12.23	\$12.26	\$12.30	\$12.26	\$12.26	\$12.33
Manufacturing	9.35	9.38	9.41	9.43	9.48	9.49	9.51	9.53	9.56	9.56	9.58	9.61	9.65
Transportation and public utilities	11.23	11.21	11.25	11.27	11.30	11.31	11.40	11.36	11.41	11.49	11.44	11.49	11.55
Wholesale trade	9.19	9.09	9.20	9.23	9.22	9.24	9.32	9.27	9.27	9.32	9.26	9.35	9.44
Retail trade	5.93	5.92	5.94	5.95	5.94	5.96	5.94	5.95	5.96	6.00	5.99	6.00	6.03
Finance, insurance, and real estate	7.81	7.70	7.81	7.86	7.85	7.81	7.98	7.90	7.95	8.05	8.01	8.11	8.21
Services	7.81	7.74	7.81	7.86	7.88	7.89	7.97	7.94	7.97	8.03	8.03	8.09	8.17
	Average weekly earnings												
Total private:													
In current dollars	298.14	296.24	298.00	299.90	298.90	300.11	301.51	299.95	301.86	303.62	303.26	303.45	307.13
In constant (1977) dollars ⁴	173.14	171.73	172.15	172.46	171.19	171.59	172.00	171.01	171.80	172.51	171.82	170.96	(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 1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Alabama	41.0	41.3	41.4	\$8.18	\$8.62	\$8.62	\$335.38	\$356.01	\$356.87
Birmingham	41.9	40.6	41.8	8.58	8.75	8.74	359.50	355.25	365.33
Mobile	42.7	41.3	41.8	9.79	10.43	10.32	418.03	430.76	431.38
Alaska	33.4	37.2	32.1	14.58	14.52	13.87	486.97	540.14	445.23
Arizona	40.7	40.0	40.4	9.22	9.78	9.89	375.25	391.20	399.56
Phoenix	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Tucson	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Arkansas	39.6	40.9	39.6	7.41	7.64	7.67	293.44	312.48	303.73
Fayetteville-Springdale	38.8	41.4	39.7	6.20	6.90	6.84	240.56	285.66	271.55
Fort Smith	40.7	40.7	39.9	7.77	8.16	8.18	316.24	332.11	326.38
Little Rock-North Little Rock	39.6	40.6	39.7	8.14	8.23	8.40	322.34	334.14	333.48
Pine Bluff	42.2	44.4	42.4	9.28	9.71	9.77	391.62	431.12	414.25
California	40.4	40.4	40.4	9.90	10.18	10.23	399.96	411.27	413.29
Colorado	41.4	40.8	40.9	9.33	9.46	9.44	386.26	385.97	386.10
Denver-Boulder	41.7	41.4	41.3	9.72	9.85	9.84	405.32	407.79	406.39
Connecticut	42.8	41.7	42.3	9.36	9.64	9.72	400.61	401.99	411.16
Bridgeport-Milford	42.0	41.1	41.7	9.93	10.01	10.02	417.06	411.41	417.83
Hartford	43.3	41.6	42.7	10.03	10.00	10.24	434.30	416.00	437.25
New Britain	42.2	42.0	42.1	9.76	10.01	10.07	411.87	420.42	423.95
New Haven-Meriden	41.4	40.8	41.1	9.25	9.07	9.21	382.95	370.06	378.53
Stamford	43.3	42.2	42.4	9.06	9.85	9.91	392.30	415.67	420.18
Waterbury	44.7	42.7	42.6	7.95	8.32	8.38	355.37	355.26	356.99
Delaware	42.6	41.6	41.9	9.67	9.72	10.12	411.94	404.35	424.03
Wilmington	45.4	41.5	41.1	11.10	11.19	12.00	503.94	464.39	493.20
District of Columbia:									
Washington MSA	39.1	39.1	38.8	10.10	10.52	10.80	394.91	411.33	419.04
Florida	41.1	41.5	42.3	7.75	7.86	7.95	318.53	326.19	336.29
Fort Lauderdale-Hollywood-Pompano Beach	41.6	42.1	42.9	7.42	7.81	7.71	308.67	328.80	330.76
Jacksonville	41.3	40.0	41.6	8.03	8.07	8.13	331.64	322.80	338.21
Lakeland-Winter Haven	41.4	42.7	44.2	7.65	7.84	7.83	316.71	334.77	346.09
Miami-Hialeah	41.2	40.6	40.4	6.53	6.93	6.86	269.04	281.36	277.14
Orlando	42.3	41.2	42.2	8.12	8.34	8.52	343.48	343.61	359.54
Pensacola	40.9	41.7	41.8	9.15	9.54	9.43	374.24	397.82	394.17
Tampa-St. Petersburg-Clearwater	42.2	40.4	42.1	7.59	7.60	7.60	320.30	307.04	319.96
West Palm Beach-Boca Raton-Delray Beach	43.5	41.0	41.3	7.87	8.46	8.62	342.35	346.86	356.01
Georgia	40.8	41.1	40.9	7.78	8.05	8.09	317.42	330.86	330.88
Atlanta	40.2	40.6	40.5	8.97	9.54	9.54	360.59	387.32	386.37
Savannah	45.3	43.7	43.5	10.08	10.17	10.26	456.62	444.43	446.31
Hawaii	37.2	37.4	37.7	8.39	8.79	8.77	312.11	328.75	330.63
Honolulu	37.6	37.1	37.6	8.60	8.94	8.85	323.36	331.67	332.76
Idaho	37.6	38.2	38.1	9.32	9.44	9.45	350.43	360.61	360.05
Illinois	38.9	40.8	41.3	10.23	10.53	10.54	397.95	429.62	435.30
Aurora-Elgin	38.3	39.7	39.0	9.99	10.27	10.25	382.62	407.72	399.75
Bloomington-Normal	40.0	38.0	40.7	10.21	10.46	10.68	408.40	397.48	434.68
Champaign-Urbana-Rantoul	32.7	40.4	40.9	9.42	9.24	9.41	308.03	373.30	384.87
Chicago	41.1	41.0	40.8	10.04	10.26	10.23	412.64	420.66	417.38
Davenport-Rock Island-Moline	39.7	38.9	39.0	12.59	12.48	12.63	499.82	485.47	492.57
Decatur	34.6	41.7	41.6	12.54	13.57	13.67	433.88	565.87	568.67
Joliet	39.5	42.1	41.4	9.39	11.40	11.49	370.91	479.94	475.69
Kankakee	26.4	39.8	38.2	9.95	10.11	10.08	262.68	402.38	385.06
Lake County	24.3	40.4	41.1	10.20	10.15	9.98	247.86	410.06	410.18
Peoria	39.0	41.7	42.7	12.50	12.64	12.81	487.50	527.09	546.99
Rockford	41.3	41.2	41.4	10.14	11.02	10.99	418.78	454.02	454.99
Springfield	34.1	41.2	42.8	11.50	11.31	11.86	392.15	465.97	507.61

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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Indiana	41.7	41.0	41.2	\$10.56	\$10.69	\$10.78	\$440.35	\$438.29	\$444.14
Gary-Hammond	42.2	41.6	41.4	13.16	13.85	13.88	555.35	576.16	574.63
Indianapolis	42.9	41.0	41.3	10.93	11.03	10.86	468.90	452.23	448.52
Iowa	41.0	40.6	40.7	10.28	10.35	10.45	421.48	420.21	425.32
Cedar Rapids	44.3	40.4	41.3	11.21	11.28	11.24	496.60	455.71	464.21
Des Moines	41.0	40.1	39.6	12.43	11.28	11.55	509.63	452.33	457.38
Dubuque	39.8	41.5	40.8	10.75	11.66	11.64	427.85	483.89	474.91
Sioux City	38.0	37.6	37.9	8.43	8.18	8.46	320.34	307.57	320.63
Waterloo-Cedar Falls	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Kansas	40.1	39.1	39.4	9.38	9.49	9.54	376.14	371.06	375.88
Topeka	42.6	41.5	41.6	10.26	11.02	11.23	437.08	457.33	467.17
Wichita	40.3	38.1	39.1	9.92	9.89	9.85	399.78	376.81	385.14
Kentucky	40.2	39.4	39.4	9.37	9.59	9.61	376.67	377.85	378.63
Lexington-Fayette	40.5	39.1	39.5	9.90	10.14	10.16	400.95	396.47	401.32
Louisville	41.3	41.0	40.3	10.61	10.87	10.81	438.19	445.67	435.64
Louisiana	42.0	41.6	42.0	10.17	10.50	10.38	427.14	436.80	435.96
Baton Rouge	42.6	43.8	46.6	12.04	12.21	11.43	512.90	534.80	532.64
New Orleans	40.9	41.4	41.4	10.34	10.64	10.60	422.91	440.50	438.84
Shreveport	41.6	39.0	38.5	10.24	10.50	10.22	425.98	409.50	393.47
Maine	40.1	39.6	39.8	8.45	8.42	8.77	338.85	333.43	349.05
Lewiston-Auburn	37.0	38.2	38.4	6.81	6.77	6.81	251.97	258.61	261.50
Portland	39.7	38.1	38.2	8.20	8.96	9.49	325.54	341.38	362.52
Maryland	41.4	40.4	40.4	9.71	9.76	9.90	401.99	394.30	399.96
Baltimore MSA	42.0	41.3	41.6	9.82	10.20	10.33	412.44	421.26	429.73
Massachusetts	39.8	40.7	40.6	8.75	9.10	9.20	348.25	370.37	373.52
Boston	40.0	40.3	40.4	9.47	9.83	9.95	378.80	396.15	401.98
Brockton	38.7	39.5	39.0	6.72	7.16	7.23	260.06	282.82	281.97
Fall River	35.8	38.0	34.4	6.93	6.80	6.94	248.09	258.40	238.74
Lawrence-Haverhill	39.5	40.0	40.1	8.65	8.84	8.93	341.68	353.60	358.09
Lowell	42.6	42.0	41.1	8.18	8.51	8.51	348.47	357.42	349.76
New Bedford	38.8	38.9	36.2	7.88	7.98	8.04	305.74	310.42	291.05
Springfield	41.2	42.4	42.2	8.66	8.88	8.94	356.79	376.51	377.27
Worcester	40.7	41.1	40.5	8.75	9.02	9.10	356.13	370.72	368.55
Michigan	41.7	43.5	42.6	12.42	12.66	12.74	517.91	550.71	542.72
Ann Arbor	45.9	44.3	43.5	13.76	13.16	13.36	631.58	582.99	581.16
Battle Creek	39.3	42.2	40.2	13.09	12.75	12.97	514.44	538.05	521.39
Detroit	43.6	44.6	44.5	12.99	13.64	13.74	566.36	608.34	611.43
Flint	41.8	44.3	42.7	14.37	14.26	14.31	600.67	631.72	611.04
Grand Rapids	39.1	41.0	39.2	10.32	10.99	10.84	403.51	450.59	424.93
Jackson	41.5	41.8	40.6	9.85	10.01	9.74	408.77	418.42	395.44
Kalamazoo	40.0	44.4	43.7	11.28	12.03	11.91	451.20	534.13	520.47
Lansing-East Lansing	43.1	43.2	42.3	14.30	14.56	14.46	616.33	628.99	611.66
Muskegon	37.5	40.4	38.7	11.27	11.23	11.32	422.63	453.69	438.08
Saginaw-Bay City-Midland	39.5	43.9	41.5	14.18	13.93	14.07	560.11	611.53	583.90
Minnesota	40.2	40.0	39.7	9.87	10.11	10.18	396.77	404.40	404.15
Duluth	38.2	37.6	37.6	9.88	10.48	10.49	377.42	394.05	394.42
Minneapolis-St. Paul	40.6	40.5	40.5	10.56	10.92	10.91	428.74	442.26	441.86
St. Cloud	40.8	38.8	39.6	9.26	9.48	9.77	377.81	367.82	386.89
Mississippi	40.8	40.6	40.8	7.02	7.26	7.33	286.42	294.76	299.06
Jackson	41.5	41.8	41.2	7.77	8.24	8.18	322.46	344.43	337.02
Missouri	40.1	(¹)	(¹)	9.52	(¹)	(¹)	381.75	(¹)	(¹)
Kansas City	41.3	40.2	40.4	10.62	10.92	10.97	438.61	438.98	443.19
St. Joseph	39.0	41.3	41.8	8.30	9.39	9.37	323.70	387.80	391.66
St. Louis	40.5	(¹)	(¹)	10.95	(¹)	(¹)	443.48	(¹)	(¹)
Springfield	38.7	38.3	39.4	8.28	8.84	8.91	320.44	338.57	351.05
Montana	38.3	40.7	40.1	10.62	10.50	10.51	406.75	427.35	421.45

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. 1984	Oct. 1985	Nov. 1985 ^a	Nov. 1984	Oct. 1985	Nov. 1985 ^a	Nov. 1984	Oct. 1985	Nov. 1985 ^a
Nebraska	39.9	40.5	40.7	\$8.88	\$9.00	\$9.07	\$354.31	\$364.50	\$369.15
Lincoln	40.2	39.2	38.0	9.23	9.80	9.90	371.05	384.16	376.20
Omaha	40.5	40.7	39.8	9.35	9.50	9.54	378.68	386.65	379.69
Nevada	40.5	39.8	40.2	9.14	9.17	9.13	370.17	364.97	367.03
Las Vegas	41.2	39.1	40.0	11.59	10.89	11.07	477.51	425.80	442.80
New Hampshire	41.2	41.3	41.4	8.06	8.43	8.52	332.07	348.16	352.73
Manchester	40.3	39.9	40.7	7.76	8.30	8.39	312.73	331.17	341.47
Nashua	41.7	41.2	41.0	9.74	10.20	10.34	406.16	420.24	423.94
New Jersey	41.4	41.2	41.3	9.65	9.84	9.88	399.51	405.41	408.04
Atlantic City	38.2	39.4	39.4	8.58	8.56	8.66	327.76	337.26	341.20
Bergen-Passaic	41.1	41.8	42.0	8.96	9.76	9.80	368.26	407.97	411.60
Camden	40.6	40.5	40.5	9.68	9.98	10.03	393.01	404.19	406.22
Jersey City	40.6	39.9	39.8	8.72	9.04	9.04	354.03	360.70	359.79
Middlesex-Somerset-Hunterdon	42.3	42.3	42.7	10.46	10.89	11.00	442.46	460.65	469.70
Newark	42.1	40.6	40.5	9.49	9.55	9.57	399.53	387.73	387.59
Trenton	39.4	38.9	39.0	9.33	10.07	10.05	367.60	391.72	391.95
New Mexico	40.2	39.7	40.4	8.17	8.19	8.44	328.43	325.14	340.98
Albuquerque	39.3	40.1	40.0	8.17	8.53	8.15	321.08	342.05	326.00
New York	40.2	40.1	40.3	9.33	9.73	9.76	375.07	390.17	393.33
Albany-Schenectady-Troy	40.0	40.9	41.2	9.61	9.81	9.79	384.40	401.23	403.35
Binghamton	41.4	40.3	40.6	8.23	8.66	8.72	340.72	349.00	354.03
Buffalo	42.4	41.9	42.3	11.76	12.17	12.18	498.62	509.92	515.21
Elmira	41.7	39.8	40.6	9.10	9.15	9.21	379.47	364.17	373.93
Glens Falls	40.1	40.1	41.2	9.50	9.45	9.58	380.95	378.95	394.70
Monroe County	42.5	42.2	42.5	12.08	12.86	12.90	513.40	542.69	548.25
Nassau-Suffolk	40.8	40.8	40.4	9.26	9.57	9.55	377.81	390.46	385.82
New York PMSA	38.0	37.8	38.0	8.64	8.87	8.97	328.32	335.29	340.86
New York City	37.7	37.3	37.6	8.55	8.65	8.79	322.34	322.65	330.50
Niagara Falls	41.8	42.8	43.3	11.97	12.72	12.75	500.35	544.42	552.08
Orange County	40.1	39.3	39.3	7.03	7.36	7.36	281.90	289.25	289.25
Poughkeepsie	43.6	42.4	43.0	8.43	8.72	8.77	367.55	369.73	377.11
Rochester	42.6	42.1	42.2	11.05	11.79	11.90	470.73	496.36	502.18
Rockland County	40.2	42.9	42.4	9.53	9.11	9.13	383.11	390.82	387.11
Syracuse	41.4	40.7	40.5	10.59	10.92	11.02	438.43	444.44	446.31
Utica-Rome	41.4	40.8	42.3	8.63	8.60	8.63	357.28	350.88	365.05
Westchester County	40.9	40.4	39.5	9.08	10.56	10.40	371.37	426.62	410.80
North Carolina	39.8	40.4	40.6	7.15	7.33	7.36	284.57	296.13	298.82
Asheville	41.9	41.5	41.5	7.22	7.37	7.47	302.52	305.86	310.01
Charlotte-Gastonia-Rock Hill	40.2	40.5	41.1	7.20	7.45	7.49	289.44	301.73	307.84
Greensboro-Winston-Salem-High Point	39.9	39.4	39.8	8.00	8.09	8.08	319.20	318.75	321.58
Raleigh-Durham	41.2	40.1	40.7	8.17	8.38	8.42	336.60	336.04	342.69
North Dakota	38.7	38.9	39.5	7.91	8.04	8.12	306.12	312.76	320.74
Fargo-Moorhead	36.4	38.2	39.1	8.20	8.41	8.45	298.48	321.26	330.40
Ohio	42.6	42.2	42.4	11.12	11.43	11.47	473.71	482.35	486.33
Akron	44.2	42.1	42.5	10.85	11.02	11.07	479.57	463.94	470.48
Canton	40.6	40.1	40.7	10.83	11.03	11.12	439.70	442.30	452.58
Cincinnati	42.7	41.7	42.2	10.81	10.60	10.71	461.59	442.02	451.96
Cleveland	42.5	41.6	41.8	11.10	11.24	11.29	471.75	467.58	471.92
Columbus	41.2	41.0	41.7	10.71	10.86	10.91	441.25	445.26	454.95
Dayton-Springfield	41.5	42.6	43.2	10.64	11.96	12.06	441.56	509.50	520.99
Toledo	43.5	43.0	42.7	11.87	12.51	12.42	516.35	537.93	530.33
Youngstown-Warren	42.3	44.4	44.5	12.75	13.28	13.44	539.33	589.63	598.08
Oklahoma	42.1	41.2	42.2	9.71	9.78	9.99	408.79	402.94	421.58
Oklahoma City	43.1	40.4	42.4	10.30	10.54	11.01	443.93	425.82	466.82
Tulsa	40.6	39.3	40.1	10.48	10.15	10.38	425.49	398.90	416.24
Oregon	38.4	39.4	38.8	10.40	10.34	10.50	399.36	407.40	407.40
Eugene-Springfield	38.6	40.4	40.0	10.83	10.78	10.79	418.04	435.51	431.60
Portland	39.3	38.9	39.3	10.25	10.52	10.51	402.83	409.23	413.04
Salem	35.3	38.7	35.4	8.54	7.99	8.84	301.46	309.21	312.94

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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Pennsylvania	40.6	40.0	40.3	\$9.39	\$9.57	\$9.65	\$381.23	\$382.80	\$388.90
Allentown-Bethlehem	39.6	39.3	39.4	10.11	10.20	10.17	400.36	400.86	400.70
Altoona	39.9	38.9	39.0	8.25	8.22	8.21	329.18	319.76	320.19
Beaver County	40.4	38.1	39.5	11.33	11.49	11.64	457.73	437.77	459.78
Delaware Valley	41.0	40.3	40.5	9.87	10.03	10.19	404.67	404.21	412.70
Erie	42.7	42.0	42.2	10.04	10.20	10.26	428.71	428.40	432.97
Harrisburg-Lebanon-Carlisle	39.7	39.6	40.6	8.92	9.12	9.28	354.12	361.15	376.77
Johnstown	37.0	38.3	37.5	8.56	8.22	8.10	316.72	314.83	303.75
Lancaster	39.9	40.0	40.4	8.75	9.23	9.31	349.13	369.20	376.12
Philadelphia PMSA	41.0	40.3	40.5	9.84	10.02	10.16	403.44	403.81	411.48
Pittsburgh	41.3	41.0	41.3	10.74	11.00	11.00	443.56	451.00	454.30
Reading	41.2	40.5	40.7	9.64	9.71	9.76	397.17	393.26	397.23
Scranton-Wilkes-Barre	38.5	37.7	38.1	7.96	8.06	8.21	306.46	303.86	312.80
Williamsport	40.1	40.4	40.6	8.36	8.65	8.74	335.24	349.46	354.84
York	41.7	41.1	41.2	8.68	8.86	8.99	361.96	364.15	370.39
Rhode Island	40.6	40.5	40.9	7.36	7.66	7.71	298.82	310.23	315.34
Pawtucket-Woonsocket-Attleboro	39.5	40.7	40.4	6.89	7.21	7.24	272.16	293.45	292.50
Providence	40.9	41.5	41.6	7.55	7.77	7.81	308.80	322.46	324.90
South Carolina	41.0	40.9	41.3	7.39	7.62	7.67	302.99	311.66	316.77
Charleston	43.9	45.1	45.0	8.69	9.39	9.41	381.49	423.49	423.45
Columbia	40.6	40.6	40.7	7.41	7.61	7.68	300.85	308.97	312.58
Greenville-Spartanburg	40.6	41.6	41.9	7.27	7.42	7.45	295.16	308.67	312.16
South Dakota	42.8	40.3	38.2	7.26	7.35	7.48	310.73	296.21	285.74
Sioux Falls	48.6	38.4	37.8	6.93	7.05	7.01	336.80	270.72	264.98
Tennessee	40.7	40.9	41.1	8.11	8.27	8.33	330.08	338.24	342.36
Chattanooga	41.2	41.8	41.8	7.36	7.50	7.57	303.23	313.50	316.43
Knoxville	40.6	41.1	41.8	8.62	8.77	8.69	343.08	360.45	363.24
Memphis	40.5	42.6	42.7	8.46	8.80	8.74	342.63	374.88	373.20
Nashville	41.3	39.9	40.7	9.15	9.03	9.16	377.90	360.30	372.81
Texas	41.6	41.4	41.6	9.09	9.41	9.46	378.14	389.57	393.54
Dallas	41.1	41.6	41.6	8.74	9.18	9.26	359.21	381.89	385.22
Ft. Worth-Arlington	41.9	41.5	41.6	8.73	9.51	9.54	365.79	394.67	396.86
Houston	43.8	42.6	42.6	10.93	11.05	11.17	478.73	470.73	475.84
San Antonio	40.2	41.1	40.8	6.90	7.23	7.20	277.98	297.15	293.76
Utah	40.4	40.4	40.8	9.13	9.45	9.56	368.85	381.78	390.05
Salt Lake City-Ogden	40.6	39.4	39.7	8.66	9.32	9.36	351.60	367.21	371.59
Vermont	40.2	41.1	41.0	8.22	8.48	8.62	330.44	348.53	353.42
Burlington	42.6	42.5	42.6	9.10	9.20	9.29	387.66	391.00	395.75
Springfield	40.2	40.5	41.0	8.25	8.51	8.47	331.65	344.66	347.27
Virginia	40.4	40.5	41.1	8.23	8.61	8.70	332.49	348.71	357.57
Bristol	39.8	36.4	37.2	6.84	7.51	7.41	272.23	273.36	275.65
Charlottesville	39.2	40.2	40.7	6.95	7.11	7.07	272.44	285.82	287.75
Danville	39.5	40.3	41.0	7.36	7.87	7.92	290.72	317.16	324.72
Lynchburg	39.7	40.3	39.6	7.95	8.07	8.20	315.62	325.22	324.72
Norfolk-Virginia Beach-Newport News	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Northern Virginia	41.5	40.5	40.8	8.50	9.05	9.00	352.75	366.53	367.20
Richmond-Petersburg	41.3	39.8	39.7	10.94	11.26	11.34	451.82	448.15	450.20
Roanoke	42.2	41.7	42.6	7.49	7.61	7.89	316.08	317.34	336.11
Washington	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)

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. 1984	Oct. 1985	Nov. 1985 ^p	Nov. 1984	Oct. 1985	Nov. 1985 ^p	Nov. 1984	Oct. 1985	Nov. 1985 ^p
West Virginia	39.6	39.5	40.6	\$10.14	\$10.31	\$10.37	\$401.54	\$407.25	\$421.02
Charleston	43.0	41.1	42.4	12.44	12.65	13.20	534.92	519.92	559.68
Huntington-Ashland	40.1	37.9	39.0	11.21	11.38	11.59	449.52	431.30	452.01
Parkersburg-Marietta	40.0	41.5	42.7	11.24	11.86	11.91	449.60	492.19	508.56
Wheeling	40.3	41.8	41.4	11.89	11.74	11.72	479.17	490.73	485.21
Wisconsin	40.2	41.1	41.8	10.02	10.27	10.40	402.80	422.10	434.72
Appleton-Oshkosh	42.3	43.2	43.9	9.83	10.10	10.25	415.81	436.32	449.98
Eau Claire	41.7	42.0	41.2	9.85	10.26	10.16	410.74	430.92	418.59
Green Bay	40.7	42.8	42.9	10.71	11.04	11.33	435.90	472.51	486.06
Janesville-Beloit	38.3	43.0	44.3	11.55	12.33	12.40	442.36	530.19	549.32
Kenosha	38.9	39.3	39.1	11.79	11.97	11.96	458.63	470.42	467.64
La Crosse	38.8	39.5	40.1	8.81	8.95	9.06	341.83	353.53	363.31
Madison	40.1	40.7	41.1	9.39	9.65	9.65	376.54	392.76	396.62
Milwaukee	40.1	40.8	41.8	11.24	11.50	11.62	450.72	469.20	485.72
Racine	39.0	40.1	39.8	10.77	10.61	10.84	420.03	425.46	431.43
Sheboygan	39.3	39.8	40.0	9.72	9.34	9.35	382.00	371.73	374.00
Wausau	42.4	41.6	41.6	9.44	9.78	9.72	400.26	406.85	404.35
Wyoming	40.9	38.4	35.8	8.83	9.55	9.32	361.15	366.72	333.66
Puerto Rico	39.1	36.2	38.4	5.06	5.15	5.13	197.85	186.43	196.99
Virgin Islands	42.4	41.2	44.1	8.95	9.41	9.77	379.48	387.69	430.86

[·] 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 1984 benchmarks.

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. 1985 ¹	Nov. 1985 ¹	Dec. 1985 ²	Dec. 1984 to Dec. 1985 ²	Oct. 1985 to Nov. 1985 ¹	Nov. 1985 to Dec. 1985 ²
Total	185,405	185,514	185,758	3.0	0.1	0.1
Private sector	151,845	151,959	152,804	2.8	.1	.6
Mining	2,151	2,145	2,156	-2.4	-.3	.5
Construction	9,360	9,222	9,191	4.9	-1.5	-.3
Manufacturing	40,846	40,905	41,282	-.2	.1	.9
Durable goods	24,578	24,604	24,804	-1.0	.1	.8
Nondurable goods	16,268	16,301	16,478	1.0	.2	1.1
Transportation and public utilities	10,977	11,002	11,099	3.3	.2	.9
Wholesale trade	11,706	11,707	11,815	3.9	.0	.9
Retail trade	27,013	27,067	26,790	1.6	.2	-1.0
Finance, insurance, and real estate	11,356	11,385	11,610	5.1	.3	2.0
Services	38,435	38,526	38,861	5.8	.2	.9
Government	33,560	33,556	32,954	3.7	.0	-1.8

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

² = preliminary.

= 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										
	1983	1984	1983				1984				1985		
			I	II	III	IV	I	II	III	IV	I	II	III
Business sector													
Output per hour of all persons	103.7	107.0	102.2	103.6	104.3	104.7	105.7	107.0	107.2	108.0	106.9	107.3	108.3
Output	111.0	120.8	106.9	110.1	112.5	114.7	117.8	121.0	121.5	123.0	123.0	123.8	125.0
Hours	107.1	112.9	104.7	106.2	107.9	109.5	111.4	113.0	113.4	113.9	115.0	115.4	115.4
Compensation per hour	161.7	168.6	160.2	161.0	161.8	164.2	166.7	167.5	169.3	171.1	173.1	174.5	176.8
Real compensation per hour	98.4	98.4	99.0	98.5	97.9	98.4	98.6	98.2	98.3	98.5	98.9	98.6	99.4
Unit labor costs	156.0	157.6	156.8	155.4	155.1	156.8	157.7	156.5	158.0	158.4	161.9	162.6	163.2
Unit nonlabor payments	145.5	157.0	139.8	144.6	147.9	149.1	151.6	157.2	158.5	160.2	159.1	159.9	160.5
Implicit price deflator	152.4	157.4	151.0	151.7	152.7	154.2	155.6	156.7	158.1	159.0	160.9	161.7	162.3
Nonfarm business sector													
Output per hour of all persons	103.4	106.2	101.6	103.6	104.1	104.4	105.2	106.6	106.3	106.9	106.0	106.3	106.9
Output	111.2	120.7	106.7	110.4	112.7	115.2	118.0	121.0	121.3	122.7	122.8	123.6	124.8
Hours	107.5	113.6	105.1	106.5	108.2	110.3	112.3	113.6	114.1	114.8	115.8	116.2	116.7
Compensation per hour	162.0	168.7	160.1	161.5	162.4	164.0	166.5	168.0	169.5	171.0	173.1	174.6	176.2
Real compensation per hour	98.6	98.4	99.0	98.8	98.3	98.3	98.4	98.4	98.4	98.5	98.9	98.7	99.0
Unit labor costs	156.6	158.8	157.6	155.9	155.9	157.1	158.3	157.6	159.5	160.0	163.3	164.1	164.8
Unit nonlabor payments	147.0	156.9	140.6	146.4	149.4	151.4	152.2	156.8	158.0	160.3	160.3	161.8	163.0
Implicit price deflator	153.4	158.2	151.9	152.7	153.8	155.2	156.3	157.3	159.0	160.1	162.3	163.4	164.2
Manufacturing													
Output per hour of all persons	111.6	115.6	110.0	110.9	113.0	112.7	114.2	114.8	116.7	116.5	116.7	118.6	119.7
Output	104.4	115.3	99.2	102.4	106.8	109.2	113.0	114.9	116.7	116.7	117.0	117.6	118.5
Hours	93.5	99.8	90.2	92.4	94.6	96.9	98.9	100.1	100.0	100.2	100.3	99.1	99.1
Compensation per hour	163.4	169.4	162.7	163.0	163.5	164.6	167.1	168.3	169.9	172.1	174.4	176.5	177.8
Real compensation per hour	99.4	98.8	100.6	99.6	98.9	98.6	98.8	98.6	98.7	99.1	99.6	99.7	99.9
Unit labor costs	146.4	146.5	147.9	147.0	144.7	146.1	146.3	146.6	145.5	147.7	149.5	148.8	148.6
Durable goods													
Output per hour of all persons	111.5	116.9	109.3	110.5	113.0	113.0	115.3	116.1	118.3	117.7	118.2	120.0	121.0
Output	102.6	117.4	96.3	99.9	105.3	108.9	114.1	116.6	119.4	119.5	119.8	120.1	120.7
Hours	92.0	100.4	88.1	90.4	93.2	96.4	98.9	100.4	101.0	101.5	101.4	100.1	99.8
Compensation per hour	162.5	167.7	162.2	162.2	162.5	163.4	165.8	167.0	168.1	170.1	172.9	175.0	176.7
Real compensation per hour	98.9	97.9	100.2	99.2	98.4	97.9	98.1	97.8	97.6	97.9	98.7	98.9	99.3
Unit labor costs	145.8	143.5	148.4	146.8	143.8	144.5	143.8	143.8	142.1	144.4	146.3	145.8	146.0
Nondurable goods													
Output per hour of all persons	111.9	113.6	111.1	111.4	112.9	112.2	112.5	112.9	114.4	114.7	114.3	116.5	117.6
Output	107.1	112.3	103.6	106.1	109.1	109.5	111.4	112.3	112.8	112.7	112.8	113.9	115.2
Hours	95.7	98.9	93.3	95.3	96.6	97.6	99.0	99.5	98.6	98.2	98.7	97.8	98.0
Compensation per hour	165.6	171.9	164.5	165.1	165.7	167.1	169.5	170.6	172.7	175.1	176.6	178.6	179.4
Real compensation per hour	100.7	100.3	101.7	101.0	100.3	100.1	100.2	100.0	100.3	100.8	100.8	101.0	100.8
Unit labor costs	148.0	151.4	148.1	148.2	146.8	149.0	150.6	151.2	151.1	152.7	154.5	153.4	152.6
Nonfinancial corporations¹													
Output per all-employee hour	106.1	108.5	104.0	105.8	107.2	107.2	108.1	108.9	108.2	108.8	108.1	108.1	109.2
Output	112.6	122.8	107.5	111.4	114.7	117.0	120.2	123.1	123.1	124.7	124.9	125.5	127.1
Hours	106.2	113.2	103.4	105.2	106.9	109.2	111.2	113.1	113.8	114.6	115.5	116.1	116.3
Compensation per hour	161.0	166.6	159.2	160.6	161.8	162.6	164.8	165.8	167.1	168.7	170.3	171.6	173.0
Real compensation per hour	97.9	97.2	98.4	98.2	97.9	97.4	97.5	97.2	97.1	97.1	97.3	97.0	97.2
Total unit costs	155.2	156.4	156.7	155.2	154.4	154.7	155.0	155.0	157.5	158.0	160.2	161.6	161.1
Unit labor costs	151.8	153.6	153.1	151.7	150.9	151.7	152.5	152.3	154.5	155.0	157.5	158.8	158.3
Unit nonlabor costs	164.9	164.3	167.0	165.1	164.4	163.3	162.0	162.8	165.9	166.4	168.1	169.8	168.8
Unit profits	117.2	147.6	92.5	111.8	126.6	135.9	143.2	151.1	145.3	150.7	150.4	148.9	160.1
Implicit price deflator	150.9	155.4	149.4	150.2	151.2	152.6	153.6	154.6	156.1	157.1	159.1	160.2	160.9

¹ Third quarter 1985 measures for the nonfinancial corporate sector 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 1984	III 1984	IV 1984	I 1985	II 1985	III 1985	II 1984	III 1984	IV 1984	I 1985	II 1985	III 1985
Business sector												
Output per hour of all persons	4.9	0.6	3.1	-3.9	1.5	3.7	3.3	2.7	3.2	1.1	0.3	1.1
Output	11.2	1.8	5.0	.0	2.7	3.9	9.9	8.0	7.3	4.4	2.4	2.9
Hours	6.0	1.2	1.8	4.1	1.2	.2	6.4	5.1	4.0	3.2	2.1	1.8
Compensation per hour	1.9	4.4	4.4	4.8	3.3	5.4	4.0	4.6	4.2	3.8	4.2	4.5
Real compensation per hour	-1.8	.7	.8	1.4	-9	3.0	-3	.4	.1	.3	.5	1.1
Unit labor costs	-2.9	3.7	1.2	9.1	1.7	1.6	.7	1.9	1.0	2.7	3.9	3.3
Unit nonlabor payments	15.4	3.4	4.3	-2.6	2.1	1.4	8.7	7.1	7.4	4.9	1.8	1.2
Implicit price deflator	2.9	3.6	2.2	5.0	1.8	1.5	3.3	3.6	3.1	3.4	3.2	2.6
Nonfarm business sector												
Output per hour of all persons	5.5	-1.1	2.2	-3.1	1.2	2.1	2.9	2.1	2.4	.8	-2	.6
Output	10.6	.7	4.7	.5	2.5	3.9	9.7	7.6	6.5	4.0	2.1	2.9
Hours	4.8	1.8	2.4	3.7	1.3	1.8	6.6	5.4	4.0	3.2	2.3	2.3
Compensation per hour	3.7	3.6	3.7	5.0	3.4	3.7	4.0	4.4	4.3	4.0	3.9	3.9
Real compensation per hour .....	.0	-1	.1	1.7	-8	1.3	-3	.2	.2	.4	.2	.6
Unit labor costs	-1.7	4.7	1.4	8.4	2.1	1.6	1.1	2.3	1.9	3.1	4.1	3.3
Unit nonlabor payments	12.5	3.1	5.9	.1	3.7	3.1	7.1	5.7	5.9	5.3	3.2	3.2
Implicit price deflator	2.8	4.2	2.9	5.5	2.7	2.1	3.0	3.4	3.2	3.8	3.8	3.3
Manufacturing												
Output per hour of all persons	2.2	6.8	-6	.4	6.8	3.7	3.6	3.3	3.4	2.1	3.3	2.5
Output	6.9	6.5	.0	.9	2.0	3.3	12.2	9.3	7.0	3.5	2.3	1.5
Hours	4.6	-2	.7	.4	-4.5	-3	8.3	5.8	3.4	1.4	-9	-1.0
Compensation per hour	2.9	3.7	5.2	5.6	4.8	3.0	3.3	3.9	4.5	4.4	4.8	4.6
Real compensation per hour	-8	.1	1.6	2.2	.6	.6	-1.0	-3	.4	.8	1.1	1.2
Unit labor costs .....	.7	-2.8	5.9	5.1	-1.9	-7	-3	.6	1.0	2.2	1.5	2.1
Durable goods												
Output per hour of all persons	2.8	7.6	-1.8	1.5	6.2	3.5	5.1	4.6	4.2	2.5	3.3	2.3
Output	9.2	9.9	.3	1.2	.7	2.3	16.7	13.4	9.7	5.0	2.9	1.1
Hours	6.2	2.1	2.1	-4	-5.2	-1.2	11.1	8.4	5.3	2.5	-4	-1.2
Compensation per hour	2.8	2.6	4.9	6.9	4.9	3.8	2.9	3.4	4.1	4.3	4.8	5.1
Real compensation per hour	-9	-1.0	1.3	3.5	.7	1.4	-1.4	-8	.0	.7	1.1	1.7
Unit labor costs .....	.0	-4.6	6.8	5.3	-1.3	.3	-2.0	-1.2	-1	1.8	1.4	2.7
Nondurable goods												
Output per hour of all persons	1.2	5.4	1.1	-1.3	7.8	3.9	1.3	1.3	2.2	1.6	3.2	2.8
Output	3.6	1.5	-4	.4	3.9	4.9	5.9	3.4	2.9	1.3	1.4	2.2
Hours	2.4	-3.7	-1.5	1.7	-3.6	.9	4.5	2.1	.7	-3	-1.8	-6
Compensation per hour	2.7	5.1	5.5	3.5	4.8	1.7	3.3	4.3	4.8	4.2	4.7	3.9
Real compensation per hour	-1.0	1.4	1.9	.2	.6	-7	-1.0	.1	.7	.6	1.0	.5
Unit labor costs	1.5	-3	4.3	4.9	-2.8	-2.1	2.0	2.9	2.5	2.6	1.5	1.0
Nonfinancial corporations¹												
Output per all-employee hour	2.8	-2.5	2.5	-2.5	-3	4.5	2.9	.9	1.6	.0	-7	1.0
Output	9.8	.2	5.2	.6	1.9	5.2	10.5	7.4	6.6	3.9	2.0	3.2
Hours	6.8	2.8	2.6	3.3	2.2	.7	7.5	6.4	5.0	3.9	2.7	2.2
Compensation per hour	2.4	3.2	3.7	3.9	3.0	3.3	3.3	3.3	3.8	3.3	3.5	3.5
Real compensation per hour	-1.3	-4	.2	.6	-1.2	.9	-1.0	-9	-3	-2	-2	.1
Total unit costs .....	.2	6.5	1.2	5.9	3.5	-1.4	-1	2.0	2.1	3.4	4.3	2.3
Unit labor costs	-4	5.9	1.2	6.6	3.3	-1.1	.4	2.4	2.2	3.3	4.2	2.5
Unit nonlabor costs	2.0	8.0	1.1	4.0	4.3	-2.4	-1.4	.9	1.9	3.8	4.3	1.7
Unit profits	23.8	-14.5	16.0	-1.0	-3.9	33.7	35.2	14.7	10.9	5.0	-1.5	10.2
Implicit price deflator	2.6	3.9	2.7	5.1	2.7	1.9	2.9	3.2	3.0	3.6	3.6	3.1

¹ Third quarter 1985 measures for the nonfinancial corporate sector 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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Alabama	1,801.5	1,807.3	1,807.7	192.3	142.6	141.1	10.7	7.9	7.8
Birmingham	402.1	404.4	405.9	38.7	26.4	25.5	9.6	6.5	6.3
Huntsville	120.4	125.1	125.9	7.6	6.5	6.8	6.3	5.2	5.4
Mobile	201.0	200.1	201.3	22.6	17.1	16.7	11.2	8.5	8.3
Montgomery	134.1	135.3	136.0	11.4	8.4	8.5	8.5	6.2	6.3
Tuscaloosa	58.8	60.2	60.7	5.3	3.9	3.8	9.0	6.5	6.3
Alaska	243.1	247.5	243.4	25.1	22.8	24.9	10.3	9.2	10.2
Arizona	1,477.2	1,474.6	1,490.3	62.0	94.9	94.9	4.2	6.4	6.4
Phoenix	939.6	937.2	947.3	30.0	47.8	48.0	3.2	5.1	5.1
Tucson	267.2	266.9	271.3	10.6	14.4	15.2	4.0	5.4	5.6
Arkansas	1,054.2	1,102.7	1,081.1	93.5	95.4	101.4	8.9	8.7	9.4
Fayetteville-Springdale	50.6	52.7	51.5	2.7	2.5	2.4	5.3	4.7	4.7
Fort Smith	83.2	85.2	84.5	6.5	6.8	6.9	7.8	8.0	8.1
Little Rock-North Little Rock	235.3	243.6	240.4	15.8	17.1	16.5	6.7	7.0	6.9
Pine Bluff	38.6	40.9	40.1	3.4	3.5	3.6	8.9	8.6	9.0
California¹	12,654.7	12,891.4	12,736.8	902.2	923.3	841.7	7.1	7.2	6.6
Anaheim-Santa Ana	1,310.0	1,317.9	1,323.9	48.8	57.0	48.0	3.7	4.3	3.6
Bakersfield	215.4	218.8	216.8	24.9	27.1	24.0	11.6	12.4	11.1
Fresno	283.2	282.8	280.9	36.8	35.5	34.6	13.0	12.6	12.3
Los Angeles-Long Beach ¹	3,906.0	4,015.0	3,909.0	279.0	279.0	256.0	7.1	6.9	6.6
Modesto	135.0	138.4	136.3	20.3	19.2	18.7	15.1	13.8	13.7
Oakland	926.3	949.3	949.8	57.6	63.3	54.5	6.2	6.7	5.7
Oxnard-Ventura	271.5	278.5	278.1	21.9	24.4	20.6	8.1	8.7	7.4
Riverside-San Bernardino	673.2	685.0	683.9	51.0	56.1	47.2	7.6	8.2	6.9
Sacramento	581.2	588.0	588.3	44.9	41.0	38.5	7.7	7.0	6.6
Salinas-Seaside-Monterey	146.4	151.1	149.0	15.9	13.3	15.8	10.9	8.8	10.6
San Diego	890.1	911.9	914.9	47.2	49.8	44.0	5.3	5.5	4.8
San Francisco	855.8	853.4	854.4	38.7	42.4	36.5	4.5	5.0	4.3
San Jose	888.2	889.5	882.8	38.5	52.9	45.2	4.3	5.9	5.1
Santa Barbara-Santa Maria-Lompoc	169.7	168.6	168.2	9.6	9.0	8.5	5.6	5.3	5.0
Santa Rosa-Petaluma	159.1	162.5	158.7	10.0	10.2	9.5	6.3	6.3	6.0
Stockton	174.6	186.9	176.5	24.1	22.0	22.2	13.8	11.7	12.6
Vallejo-Fairfield-Napa	143.9	148.6	144.9	11.8	11.4	10.4	8.2	7.7	7.2
Colorado	1,719.7	1,738.2	1,722.6	89.1	96.4	106.6	5.2	5.5	6.2
Denver-Boulder LMA	1,040.2	1,046.4	1,036.1	46.9	51.2	55.6	4.5	4.9	5.4
Connecticut	1,701.6	1,722.7	1,725.8	71.3	79.3	73.0	4.2	4.6	4.2
Bridgeport-Milford	223.4	225.2	225.7	10.7	12.8	11.9	4.8	5.7	5.3
Hartford	411.3	416.6	417.8	16.1	16.9	15.5	3.9	4.1	3.7
New Britain	72.7	72.7	72.8	3.7	3.7	3.5	5.1	5.1	4.8
New Haven-Meriden	252.4	256.8	257.7	11.3	11.9	10.8	4.5	4.6	4.2
Stamford	130.5	133.3	133.5	3.4	4.2	3.9	2.6	3.1	3.0
Waterbury	103.2	103.9	104.3	5.1	6.8	6.0	4.9	6.5	5.8
Delaware	312.5	317.6	319.3	16.4	13.6	13.8	5.2	4.3	4.3
Wilmington	275.1	278.6	276.9	14.5	12.2	12.1	5.3	4.4	4.4
District of Columbia	319.9	320.5	320.0	26.8	27.9	27.0	8.4	8.7	8.4
Washington	1,994.9	2,047.9	2,055.3	73.9	80.5	79.5	3.7	3.9	3.9
Florida¹	5,153.8	5,263.0	5,265.6	320.8	279.5	289.9	6.2	5.3	5.5
Daytona Beach	125.4	131.3	130.7	6.4	5.4	6.2	5.1	4.1	4.8
Fort Lauderdale-Hollywood-Pompano Beach	541.8	550.7	551.1	26.6	23.8	23.9	4.9	4.3	4.3
Fort Myers-Cape Coral	116.9	120.6	123.2	5.9	5.0	4.3	5.1	4.1	3.5
Gainesville	94.3	94.4	93.9	3.3	2.7	3.1	3.5	2.9	3.3
Jacksonville	378.3	400.8	400.5	20.0	19.2	21.5	5.3	4.8	5.4
Lakeland-Winter Haven	156.2	154.3	155.8	18.0	16.3	15.8	11.5	10.6	10.2
Melbourne-Titusville-Palm Bay	141.2	144.3	145.3	6.8	6.4	7.2	4.8	4.4	4.9
Miami-Hialeah	862.3	860.7	854.8	67.9	57.4	54.9	7.9	6.7	6.4
Orlando	458.7	472.4	473.3	23.0	20.5	22.8	5.0	4.3	4.8
Pensacola	143.7	140.8	140.3	11.8	6.6	7.8	8.2	4.7	5.5
Sarasota	92.6	92.1	91.3	3.8	3.5	3.7	4.1	3.8	4.0
Tallahassee	108.2	111.5	111.1	4.6	3.6	4.4	4.2	3.3	4.0
Tampa-St. Petersburg-Clearwater	841.2	867.2	863.8	41.3	36.6	39.9	4.9	4.2	4.6
West Palm Beach-Boca Raton-DeLray Beach	331.7	340.9	340.9	18.9	20.8	18.6	5.7	6.1	5.5

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. 1984	Oct. 1985	Nov. 1985 ^p	Nov. 1984	Oct. 1985	Nov. 1985 ^p	Nov. 1984	Oct. 1985	Nov. 1985 ^p
Georgia	2,828.3	2,878.6	2,859.5	157.1	192.6	174.4	5.6	6.7	6.1
Albany	54.5	54.2	53.4	3.9	5.3	5.2	7.2	9.9	9.7
Athens	68.3	67.4	67.6	3.4	3.9	4.4	5.0	5.8	6.5
Atlanta	1,253.4	1,281.3	1,285.7	54.0	67.8	62.0	4.3	5.3	4.8
Augusta	141.0	145.3	143.7	9.1	11.7	10.1	6.5	8.0	7.1
Columbus	95.3	91.9	91.6	8.1	8.0	7.7	8.5	8.7	8.4
Macon—Warner Robins	115.2	114.0	112.9	7.6	9.3	8.1	6.6	8.1	7.2
Savannah	98.3	97.1	97.0	6.5	7.8	6.8	6.7	8.0	7.0
Hawaii	475.7	477.3	479.6	27.2	26.3	27.0	5.7	5.5	5.6
Honolulu	362.9	361.6	364.5	19.8	18.1	18.6	5.5	5.0	5.1
Idaho	458.4	481.7	468.6	30.7	28.2	35.5	6.7	5.9	7.6
Boise City	100.7	103.9	104.5	4.7	4.8	5.9	4.7	4.6	5.7
Illinois¹	5,653.7	5,727.3	5,680.7	457.2	525.1	512.2	8.1	9.2	9.0
Aurora—Elgin	165.9	164.0	165.4	10.5	12.3	12.9	6.3	7.5	7.8
Bloomington—Normal	62.6	62.7	62.6	3.9	3.4	4.1	6.2	5.4	6.6
Champaign—Urbana—Rantoul	81.9	83.2	83.2	4.5	4.0	4.5	5.5	4.8	5.4
Chicago	3,090.7	3,144.0	3,121.5	227.4	274.0	253.3	7.4	8.7	8.1
Davenport—Rock Island—Moline	176.9	173.7	174.7	22.1	18.2	18.3	12.5	10.5	10.5
Decatur	60.2	60.1	60.3	5.5	6.6	6.7	9.2	11.0	11.2
Joliet	183.9	186.2	185.4	13.4	15.2	14.7	7.3	8.2	7.9
Kankakee	42.6	42.8	42.8	4.6	4.9	5.1	10.8	11.5	11.9
Lake County	238.5	246.0	245.4	11.7	14.4	14.4	4.9	5.9	5.9
Peoria	156.7	154.2	152.8	14.6	16.9	16.5	9.3	11.0	10.8
Rockford	138.5	141.3	139.9	11.5	15.1	14.4	8.3	10.7	10.3
Springfield	101.5	102.2	101.8	6.1	6.7	7.6	6.0	6.6	7.4
Indiana	2,652.7	2,801.8	2,786.5	217.0	190.4	199.4	8.2	6.8	7.2
Anderson	56.5	58.8	58.3	4.7	3.8	3.9	8.4	6.5	6.7
Elkhart—Goshen	85.5	90.5	90.6	6.1	5.4	6.0	7.1	6.0	6.6
Evansville	138.7	143.1	143.0	11.4	10.1	10.6	8.2	7.1	7.4
Fort Wayne	176.4	187.7	187.4	11.9	10.2	10.7	6.7	5.4	5.7
Gary—Hammond	266.2	268.8	266.8	39.1	28.1	28.7	14.7	10.4	10.8
Indianapolis	622.0	662.9	661.5	38.7	36.4	37.7	6.2	5.5	5.7
Lafayette	65.9	69.6	69.3	2.8	2.6	2.9	4.2	3.7	4.1
Muncie	54.8	58.2	58.4	4.8	4.3	4.8	8.8	7.4	8.2
South Bend—Mishawaka	127.8	134.3	134.2	8.4	8.0	8.0	6.6	6.0	5.9
Terre Haute	63.3	66.9	65.9	5.0	4.4	4.5	8.0	6.5	6.8
Iowa	1,410.8	1,423.4	1,418.4	90.5	92.4	104.5	6.4	6.5	7.4
Cedar Rapids	84.0	84.0	85.1	5.1	5.2	5.8	6.0	6.2	6.8
Des Moines	197.6	200.2	200.6	9.5	12.6	12.0	4.8	6.3	6.0
Dubuque	42.7	42.8	43.0	3.3	3.0	3.3	7.6	7.0	7.8
Iowa City	51.6	50.0	50.3	1.5	1.3	1.3	2.9	2.6	2.6
Sioux City	54.3	55.3	55.8	3.3	4.1	4.5	6.1	7.3	8.1
Waterloo—Cedar Falls	71.6	69.2	69.2	8.0	7.8	8.5	11.1	11.3	12.3
Kansas	1,206.2	1,256.1	1,243.8	62.9	58.4	64.1	5.2	4.6	5.2
Lawrence	35.5	37.8	38.4	1.5	1.2	1.5	4.2	3.2	3.9
Topeka	84.5	87.7	87.8	4.5	4.4	4.7	5.3	5.0	5.4
Wichita	228.1	236.6	235.0	13.4	12.9	12.7	5.9	5.4	5.4
Kentucky	1,736.4	1,728.0	1,711.1	151.3	160.3	171.4	8.7	9.3	10.0
Lexington—Fayette	198.1	197.3	193.9	7.2	9.8	10.5	3.7	5.0	5.4
Louisville	463.5	461.8	460.4	37.2	35.7	37.0	8.0	7.7	8.0
Owensboro	46.8	44.5	43.8	3.9	4.8	5.1	8.4	10.7	11.5
Louisiana	1,938.0	2,025.8	1,983.2	186.5	221.4	218.1	9.6	10.9	11.0
Alexandria	62.4	65.6	64.2	5.0	5.7	5.6	7.9	8.7	8.8
Baton Rouge	254.0	266.5	264.2	21.4	26.8	26.1	8.4	10.1	9.9
Houma—Thibodaux	86.1	85.7	83.5	8.1	9.2	8.8	9.4	10.8	10.6
Lafayette	112.3	113.0	110.1	9.3	10.4	9.8	8.3	9.2	8.9
Lake Charles	75.8	75.2	73.7	8.9	10.0	9.6	11.7	13.3	13.0
Monroe	62.5	65.7	64.7	5.5	6.0	6.1	8.8	9.2	9.4
New Orleans	572.0	583.8	574.1	54.6	64.0	61.3	9.6	11.0	10.7
Shreveport	160.7	168.8	164.1	11.2	16.0	17.1	7.0	9.5	10.4
Maine	548.0	545.7	536.7	29.3	21.1	24.5	5.3	3.9	4.6
Lewiston—Auburn	42.0	41.5	41.2	2.7	2.0	2.4	6.3	4.9	5.8
Portland	104.6	104.3	103.4	3.6	2.5	2.8	3.4	2.4	2.7
Maryland	2,282.7	2,289.7	2,302.0	115.6	101.8	103.7	5.1	4.4	4.5
Baltimore	1,111.2	1,104.0	1,110.6	66.9	59.8	59.7	6.0	5.4	5.4

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. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P	Nov. 1984	Oct. 1985	Nov. 1985 ^P
Massachusetts¹	3,085.7	3,049.6	3,067.5	104.5	101.2	109.6	3.4	3.3	3.6
Boston	1,523.4	1,523.5	1,534.7	41.7	44.0	47.5	2.7	2.9	3.1
Brockton	90.7	89.1	89.9	3.4	3.3	3.5	3.7	3.7	3.9
Fall River	74.6	70.7	71.5	4.6	4.2	4.6	6.1	5.9	6.4
Fitchburg-Leominster	45.3	42.4	43.1	2.4	1.7	1.8	5.2	4.0	4.1
Lawrence-Haverhill	191.2	195.4	196.0	8.2	7.9	7.8	4.3	4.0	4.0
Lowell	157.5	152.5	153.9	4.6	5.4	4.9	2.9	3.5	3.2
New Bedford	82.8	78.0	79.0	5.0	4.4	5.0	6.0	5.7	6.3
Pittsfield	48.8	47.7	47.5	1.9	1.4	1.6	3.8	2.9	3.3
Springfield	274.0	267.6	268.9	10.4	8.8	10.0	3.8	3.3	3.7
Worcester	205.5	200.9	202.9	6.6	6.3	6.8	3.2	3.2	3.3
Michigan¹	4,371.3	4,352.0	4,389.3	467.7	415.8	391.3	10.7	9.6	8.9
Ann Arbor	150.7	(²)	(²)	10.0	(²)	(²)	6.6	(²)	(²)
Battle Creek	63.3	(²)	(²)	7.1	(²)	(²)	11.1	(²)	(²)
Benton Harbor	71.2	(²)	(²)	8.4	(²)	(²)	11.8	(²)	(²)
Detroit	2,071.9	(²)	(²)	211.1	(²)	(²)	10.2	(²)	(²)
Flint	194.6	(²)	(²)	23.0	(²)	(²)	11.8	(²)	(²)
Grand Rapids	346.3	(²)	(²)	33.1	(²)	(²)	9.6	(²)	(²)
Jackson	64.4	(²)	(²)	8.1	(²)	(²)	12.6	(²)	(²)
Kalamazoo	112.8	(²)	(²)	8.5	(²)	(²)	7.5	(²)	(²)
Lansing-East Lansing	225.6	(²)	(²)	17.4	(²)	(²)	7.7	(²)	(²)
Muskegon	67.6	(²)	(²)	8.0	(²)	(²)	11.8	(²)	(²)
Saginaw-Bay City-Midland	186.3	(²)	(²)	25.4	(²)	(²)	13.6	(²)	(²)
Minnesota	2,269.8	2,246.8	2,248.6	136.9	118.2	143.6	6.0	5.3	6.4
Duluth	110.3	101.9	102.7	12.5	9.3	11.0	11.3	9.2	10.7
Minneapolis-St. Paul	1,297.0	1,287.8	1,294.7	57.4	57.8	64.0	4.4	4.5	4.9
Rochester	60.6	62.8	63.4	2.9	2.4	3.0	4.9	3.8	4.7
St. Cloud	81.8	81.1	82.0	6.6	5.0	7.1	8.1	6.2	8.6
Mississippi	1,079.3	1,142.0	1,126.2	110.0	107.2	106.8	10.2	9.4	9.5
Jackson	178.1	189.7	189.5	11.3	13.2	13.7	6.4	7.0	7.2
Missouri	2,373.7	2,515.7	2,489.9	153.5	145.5	146.8	6.5	5.8	5.9
Kansas City	739.3	763.6	762.2	37.1	34.8	36.5	5.0	4.6	4.8
St. Joseph	42.4	41.0	40.6	3.3	2.7	2.6	7.7	6.5	6.4
St. Louis	1,170.0	1,201.9	1,198.8	82.2	84.5	83.1	7.0	7.0	6.9
Springfield	118.0	122.6	122.0	5.8	5.5	5.5	4.9	4.5	4.5
Montana	402.5	400.0	394.9	26.8	27.2	31.3	6.6	6.8	7.9
Nebraska	801.2	820.7	828.5	30.0	41.1	51.1	3.7	5.0	6.2
Lincoln	114.2	115.0	116.8	2.8	3.9	4.7	2.4	3.4	4.0
Omaha	302.8	310.9	314.2	12.6	17.3	19.2	4.2	5.6	6.1
Nevada	503.2	504.8	504.6	36.3	38.5	41.5	7.2	7.6	8.2
Las Vegas	282.3	283.2	282.8	22.0	24.2	23.8	7.8	8.5	8.4
Reno	138.0	137.7	137.9	7.9	8.0	10.2	5.7	5.8	7.4
New Hampshire	527.0	540.2	540.0	17.1	13.9	14.4	3.2	2.6	2.7
Manchester	88.6	87.8	88.5	1.9	1.8	1.8	2.1	2.0	2.0
Nashua	95.9	95.7	96.5	2.1	2.6	2.6	2.2	2.7	2.7
New Jersey¹	3,752.6	3,836.9	3,874.0	201.9	209.8	217.2	5.4	5.5	5.6
Atlantic City	169.0	181.0	181.0	14.6	14.6	16.5	8.7	8.1	9.1
Bergen-Passaic	724.4	736.0	744.5	35.1	35.8	36.0	4.8	4.9	4.8
Jersey City	240.4	242.2	244.9	23.1	21.9	22.3	9.6	9.1	9.1
Middlesex-Somerset-Hunterdon	539.6	558.1	562.6	20.6	23.5	23.2	3.8	4.2	4.1
Monmouth-Ocean	411.5	435.7	436.6	19.3	19.5	20.9	4.7	4.5	4.8
Newark	918.6	929.1	938.3	50.9	57.1	57.5	5.5	6.1	6.1
Trenton	162.5	166.3	168.8	6.8	7.3	7.3	4.2	4.4	4.3
Vineland-Millville-Bridgeton	54.3	53.1	54.4	6.7	4.9	6.3	12.3	9.2	11.5
New Mexico	638.0	656.7	653.4	44.9	57.8	55.9	7.0	8.8	8.6
Albuquerque	238.8	248.7	248.9	13.6	16.9	16.3	5.7	6.8	6.5
Las Cruces	44.9	46.5	46.4	3.1	4.3	3.9	6.8	9.2	8.3

See footnotes at end of table.

Annual Averages

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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	
	1984	1985	1984	1985	1984	1985	1984	1985
TOTAL								
Civilian noninstitutional population	176,383	178,206	76,219	77,195	85,429	86,506	14,735	14,506
Civilian labor force	113,544	115,461	59,701	60,277	45,900	47,283	7,943	7,901
Percent of population	64.4	64.8	78.3	78.1	53.7	54.7	53.9	54.5
Employed	105,005	107,150	55,769	56,562	42,793	44,154	6,444	6,434
Agriculture	3,321	3,179	2,418	2,278	595	596	309	305
Nonagricultural industries	101,685	103,971	53,351	54,284	42,198	43,558	6,135	6,129
Unemployed	8,539	8,312	3,932	3,715	3,107	3,129	1,499	1,468
Unemployment rate	7.5	7.2	6.6	6.2	6.8	6.6	18.9	18.6
Not in labor force	62,839	62,744	16,518	16,918	39,529	39,222	6,791	6,604
White								
Civilian noninstitutional population	152,347	153,679	66,610	67,386	73,590	74,394	12,147	11,900
Civilian labor force	98,492	99,926	52,453	52,895	39,087	40,190	6,952	6,841
Percent of population	64.6	65.0	78.7	78.5	53.1	54.0	57.2	57.5
Employed	92,120	93,736	49,461	50,061	36,823	37,907	5,836	5,768
Agriculture	3,057	2,936	2,201	2,085	564	566	292	285
Nonagricultural industries	89,063	90,799	47,260	47,976	36,259	37,341	5,544	5,483
Unemployed	6,372	6,191	2,992	2,834	2,264	2,283	1,116	1,074
Unemployment rate	6.5	6.2	5.7	5.4	5.8	5.7	16.0	15.7
Not in labor force	53,855	53,753	14,157	14,490	34,503	34,204	5,195	5,058
Black								
Civilian noninstitutional population	19,348	19,664	7,599	7,731	9,588	9,773	2,161	2,160
Civilian labor force	12,033	12,364	5,686	5,749	5,520	5,727	827	889
Percent of population	62.2	62.9	74.8	74.4	57.6	58.6	38.3	41.2
Employed	10,119	10,501	4,871	4,992	4,773	4,977	474	532
Agriculture	196	189	161	154	21	19	13	16
Nonagricultural industries	9,923	10,312	4,710	4,837	4,752	4,959	460	516
Unemployed	1,914	1,864	815	757	747	750	353	357
Unemployment rate	15.9	15.1	14.3	13.2	13.5	13.1	42.7	40.2
Not in labor force	7,315	7,299	1,913	1,982	4,069	4,046	1,334	1,271

6. Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, years of school completed, sex, race, and Hispanic origin

(Numbers in thousands)

Employment status, years of school completed, race, and Hispanic origin	1985									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	
TOTAL ENROLLED										
Total, 16 to 24 years	12,450	5,787	46.5	5,018	1,002	4,016	770	157	613	13.3
16 to 19 years	8,512	3,592	42.2	2,997	310	2,687	595	85	510	16.6
20 to 24 years	3,938	2,195	55.7	2,021	692	1,329	174	71	103	7.9
High school	6,449	2,572	39.9	2,075	148	1,928	496	64	432	19.3
College	6,001	3,216	53.6	2,942	854	2,088	273	92	181	8.5
Full-time students	5,078	2,400	47.3	2,174	365	1,808	226	65	161	9.4
Part-time students	923	816	88.4	768	488	280	48	28	20	5.8
Men, 16 to 24 years	6,366	2,923	45.9	2,507	542	1,965	416	84	332	14.2
16 to 19 years	4,323	1,820	42.1	1,495	176	1,319	325	47	279	17.9
20 to 24 years	2,043	1,103	54.0	1,012	367	645	91	38	53	8.2
High school	3,378	1,369	40.5	1,091	94	997	278	37	241	20.3
College	2,988	1,554	52.0	1,416	448	967	138	48	90	8.9
Full-time students	2,573	1,183	46.0	1,066	216	849	117	36	81	9.9
Part-time students	415	371	89.3	350	232	118	21	12	9	5.6
Women, 16 to 24 years	6,084	2,865	47.1	2,511	459	2,051	354	73	281	12.4
16 to 19 years	4,189	1,772	42.3	1,502	134	1,368	270	39	232	15.3
20 to 24 years	1,895	1,093	57.7	1,009	325	684	84	34	50	7.7
High school	3,071	1,202	39.2	984	54	930	218	28	191	18.2
College	3,013	1,662	55.2	1,527	406	1,121	136	45	91	8.2
Full-time students	2,505	1,217	48.6	1,108	149	959	109	29	80	8.9
Part-time students	508	445	87.6	419	257	162	27	16	11	6.0
White										
Total, 16 to 24 years	10,242	5,066	49.5	4,498	886	3,612	569	105	464	11.2
16 to 19 years	6,949	3,162	45.5	2,718	281	2,436	445	59	386	14.1
20 to 24 years	3,293	1,904	57.8	1,780	605	1,175	124	46	78	6.5
Men	5,266	2,563	48.7	2,250	486	1,764	313	59	254	12.2
Women	4,975	2,503	50.3	2,248	400	1,848	255	46	210	10.2
High school	5,161	2,241	43.4	1,874	132	1,742	367	43	324	16.4
College	5,081	2,825	55.6	2,624	754	1,870	201	62	139	7.1
Full-time students	4,298	2,123	49.4	1,955	325	1,630	168	43	125	7.9
Part-time students	783	702	89.6	669	429	240	33	19	14	4.7
Black										
Total, 16 to 24 years	1,707	542	31.7	366	85	281	176	48	128	32.5
16 to 19 years	1,259	340	27.0	208	22	186	132	24	107	38.7
20 to 24 years	448	202	45.1	157	63	94	45	24	21	22.1
Men	835	268	32.2	180	39	141	88	23	65	32.9
Women	872	273	31.3	186	45	140	88	25	63	32.1
High school	1,059	267	25.3	153	11	142	114	20	95	42.8
College	648	274	42.3	213	74	139	62	28	34	22.5
Full-time students	548	193	35.2	143	32	111	49	21	28	25.6
Part-time students	101	82	81.3	69	42	28	13	7	5	15.3
Hispanic origin										
Total, 16 to 24 years	924	330	35.7	266	63	202	64	15	49	19.4
16 to 19 years	684	201	29.4	151	22	130	50	9	41	24.8
20 to 24 years	240	129	53.7	114	42	73	14	6	8	11.0
Men	474	181	38.1	144	37	107	37	7	30	20.4
Women	450	149	33.1	122	26	96	27	7	20	18.2
High school	598	158	26.4	113	14	99	44	8	36	28.1
College	326	172	52.8	152	49	103	20	7	13	11.4
Full-time students	264	120	45.5	103	21	82	17	5	11	13.8
Part-time students	62	52	83.9	49	28	21	3	2	1	5.8

See footnotes at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

6. Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, years of school completed, sex, race, and Hispanic origin—Continued

(Numbers in thousands)

Employment status, years of school completed, race, and Hispanic origin	1985									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	
TOTAL NOT ENROLLED										
Total, 16 to 24 years	22,152	17,832	80.5	15,396	12,486	2,910	2,436	2,114	322	13.7
16 to 19 years	5,993	4,310	71.9	3,437	2,197	1,240	872	692	180	20.2
20 to 24 years	16,159	13,523	83.7	11,959	10,289	1,669	1,564	1,422	142	11.6
Less than 4 years of high school	5,972	3,843	64.4	2,903	2,012	891	940	781	158	24.5
4 years of high school	16,180	13,989	86.5	12,493	10,474	2,019	1,497	1,333	164	10.7
1 to 3 years of college	3,844	3,430	89.2	3,160	2,631	530	269	232	37	7.9
4 years of college or more	1,655	1,564	94.5	1,470	1,347	123	94	90	4	6.0
Men, 16 to 24 years	10,654	9,495	89.1	8,161	6,973	1,187	1,335	1,220	115	14.1
16 to 19 years	2,951	2,314	78.4	1,833	1,282	572	481	400	81	20.8
20 to 24 years	7,703	7,181	93.2	6,327	5,711	616	854	820	34	11.9
Less than 4 years of high school	3,136	2,476	79.0	1,898	1,441	457	578	510	68	23.3
4 years of high school	7,518	7,020	93.4	6,263	5,533	730	757	710	47	10.8
1 to 3 years of college	1,746	1,627	93.2	1,509	1,308	201	118	107	11	7.3
4 years of college or more	711	682	95.9	634	592	41	48	46	2	7.0
Women, 16 to 24 years	11,498	8,337	72.5	7,236	5,513	1,723	1,101	894	207	13.2
16 to 19 years	3,042	1,995	65.6	1,604	935	669	391	292	99	19.6
20 to 24 years	8,456	6,342	75.0	5,632	4,578	1,054	710	602	108	11.2
Less than 4 years of high school	2,836	1,367	48.2	1,005	572	434	362	271	90	26.5
4 years of high school	8,662	6,970	80.5	6,230	4,941	1,289	740	623	117	10.6
1 to 3 years of college	2,099	1,803	85.9	1,651	1,323	329	151	125	27	8.4
4 years of college or more	945	883	93.4	837	755	82	46	43	3	5.2
White										
Total, 16 to 24 years	18,511	15,245	82.4	13,505	11,025	2,480	1,740	1,487	252	11.4
16 to 19 years	4,951	3,679	74.3	3,050	1,969	1,081	629	489	140	17.1
20 to 24 years	13,560	11,566	85.3	10,455	9,056	1,399	1,111	998	112	9.6
Men	8,967	8,135	90.7	7,162	6,183	980	973	884	89	12.0
Women	9,544	7,110	74.5	6,343	4,843	1,500	767	604	163	10.8
Less than 4 years of high school	4,812	3,226	67.0	2,532	1,770	763	693	568	126	21.5
4 years of high school	13,699	12,019	87.7	10,973	9,256	1,717	1,046	920	127	8.7
1 to 3 years of college	3,258	2,935	90.1	2,752	2,298	455	183	156	26	6.2
4 years of college or more	1,504	1,430	95.1	1,352	1,239	113	78	75	3	5.5
Black										
Total, 16 to 24 years	3,102	2,201	71.0	1,565	1,194	371	636	575	61	28.9
16 to 19 years	901	549	61.0	324	188	135	225	190	35	41.1
20 to 24 years	2,202	1,652	75.0	1,242	1,006	235	410	385	26	24.8
Men	1,427	1,153	80.8	824	645	179	328	305	23	28.5
Women	1,675	1,048	62.6	741	549	192	307	269	38	29.3
Less than 4 years of high school	1,000	534	53.4	309	199	110	225	196	29	42.2
4 years of high school	2,102	1,667	79.3	1,257	996	261	411	378	32	24.6
1 to 3 years of college	480	404	84.3	326	265	61	78	69	9	19.4
4 years of college or more	93	83	89.7	71	63	8	12	11	1	14.5
Hispanic origin										
Total, 16 to 24 years	2,045	1,488	72.8	1,257	1,060	197	231	198	33	15.5
16 to 19 years	549	349	63.4	264	187	77	84	68	16	24.1
20 to 24 years	1,496	1,140	76.2	993	873	120	147	131	16	12.9
Men	1,036	917	88.5	774	680	94	143	130	13	15.6
Women	1,009	572	56.6	484	380	104	88	68	20	15.4
Less than 4 years of high school	1,001	634	63.4	508	422	86	126	107	19	19.9
4 years of high school	1,045	854	81.8	749	638	111	105	91	14	12.3
1 to 3 years of college	222	193	86.8	176	151	25	17	15	2	8.9
4 years of college or more	54	49	91.1	46	42	4	3	3	-	5.4

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

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

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

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

(Numbers in thousands)

Sex, age, and race	1985								
	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	99,178	86,795	5,590	6,793	6.8	16,283	14,764	1,519	9.3
16 to 19 years	3,933	2,375	781	777	19.8	3,968	3,278	690	17.4
16 to 17 years	861	412	251	198	23.0	2,293	1,830	463	20.2
18 to 19 years	3,072	1,962	530	579	18.9	1,675	1,449	227	13.5
20 years and over	95,245	84,421	4,809	6,015	6.3	12,315	11,486	829	6.7
20 to 24 years	13,310	10,683	1,134	1,493	11.2	2,407	2,163	245	10.2
25 years and over	81,935	73,737	3,676	4,522	5.5	9,907	9,323	584	5.9
25 to 54 years	70,059	62,931	3,072	4,056	5.8	6,886	6,447	439	6.4
55 years and over	11,876	10,806	605	466	3.9	3,021	2,876	145	4.8
Men, 16 years and over									
16 to 19 years	2,200	1,357	397	446	20.3	1,934	1,574	360	18.6
20 years and over	57,129	51,475	2,175	3,479	6.1	3,148	2,912	236	7.5
20 to 24 years	7,325	5,895	572	857	11.7	958	872	87	9.1
25 years and over	49,804	45,580	1,603	2,622	5.3	2,189	2,040	149	6.8
25 to 54 years	42,225	38,557	1,340	2,329	5.5	958	878	79	8.2
55 years and over	7,579	7,023	263	292	3.9	1,231	1,162	70	5.7
Women, 16 years and over									
16 to 19 years	1,733	1,017	384	331	19.1	2,034	1,704	330	16.2
20 years and over	38,116	32,946	2,634	2,536	6.7	9,167	8,574	593	6.5
20 to 24 years	5,986	4,788	561	636	10.6	1,449	1,291	158	10.9
25 years and over	32,130	28,158	2,073	1,900	5.9	7,718	7,283	434	5.6
25 to 54 years	27,832	24,375	1,731	1,727	6.2	5,928	5,569	359	6.1
55 years and over	4,298	3,782	342	173	4.0	1,790	1,715	75	4.2
White									
Men, 16 years and over									
16 to 19 years	1,882	1,229	334	318	16.9	1,695	1,421	274	16.1
20 years and over	50,116	45,724	1,750	2,642	5.3	2,779	2,588	192	6.9
20 to 24 years	6,293	5,213	456	624	9.9	829	759	70	8.4
25 years and over	43,823	40,511	1,294	2,019	4.6	1,951	1,829	122	6.3
25 to 54 years	36,990	34,137	1,075	1,778	4.8	814	752	63	7.7
55 years and over	6,834	6,374	219	241	3.5	1,137	1,077	59	5.2
Women, 16 years and over									
16 to 19 years	1,465	907	328	230	15.7	1,800	1,548	252	14.0
20 years and over	31,868	27,952	2,120	1,797	5.6	8,321	7,835	486	5.8
20 to 24 years	5,074	4,198	455	420	8.3	1,274	1,153	121	9.5
25 years and over	26,794	23,753	1,664	1,377	5.1	7,048	6,682	365	5.2
25 to 54 years	23,060	20,438	1,387	1,235	5.4	5,469	5,168	301	5.5
55 years and over	3,734	3,315	277	142	3.8	1,579	1,514	65	4.1
Black									
Men, 16 years and over									
16 to 19 years	283	108	56	119	42.2	189	115	74	39.1
20 years and over	5,485	4,399	367	719	13.1	264	226	38	14.4
20 to 24 years	861	546	105	209	24.3	89	75	15	16.5
25 years and over	4,624	3,853	261	510	11.0	174	152	23	13.2
25 to 54 years	4,031	3,341	225	465	11.5	98	85	14	14.3
55 years and over	593	512	36	45	7.6	76	67	9	11.8
Women, 16 years and over									
16 to 19 years	232	87	49	95	41.0	186	117	69	37.1
20 years and over	5,091	3,985	443	662	13.0	636	548	87	13.7
20 to 24 years	777	481	96	199	25.7	127	95	32	25.0
25 years and over	4,314	3,504	348	445	10.3	508	453	55	10.8
25 to 54 years	3,854	3,125	294	435	11.3	326	281	45	13.8
55 years and over	460	379	54	10	2.3	182	172	10	5.5

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

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8. Employment status of persons in families by family relationship

(Numbers in thousands)

Family relationship	1985									
	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	94,853	65.2	87,937	6,916	7.3	50,516	24,786	6,874	1,930	16,926
Husbands	39,294	78.6	37,680	1,613	4.1	10,698	162	169	846	9,521
With employed wife	23,392	91.7	22,550	843	3.6	2,111	59	95	298	1,660
With unemployed wife	1,319	92.1	1,146	173	13.1	114	2	3	21	88
With wife not in labor force	14,583	63.3	13,985	598	4.1	8,472	101	71	527	7,773
Wives	26,936	53.9	25,504	1,432	5.3	23,055	19,682	307	281	2,786
With employed husband	23,695	62.9	22,550	1,146	4.8	13,985	12,690	254	81	960
With unemployed husband	1,015	62.9	843	173	17.0	598	541	13	7	38
With husband not in labor force	2,225	20.8	2,111	114	5.1	8,472	6,451	40	193	1,788
Relatives in married-couple families	13,711	64.0	11,933	1,778	13.0	7,702	840	4,586	289	1,987
16 to 19 years	5,249	54.7	4,442	807	15.4	4,343	147	3,415	11	770
20 to 24 years	5,321	77.1	4,713	609	11.4	1,580	154	1,046	30	351
25 years and over	3,140	63.8	2,778	362	11.5	1,779	539	125	248	866
Women who maintain families	6,189	61.1	5,540	649	10.5	3,933	2,905	147	152	729
Relatives in families maintained by women	5,395	60.0	4,323	1,072	19.9	3,602	796	1,389	242	1,174
16 to 19 years	1,432	48.7	999	433	30.2	1,508	104	1,091	6	307
20 to 24 years	1,705	74.8	1,376	328	19.3	575	130	244	15	186
25 years and over	2,259	59.8	1,948	311	13.8	1,519	562	54	221	681
Men who maintain families	1,833	76.5	1,680	153	8.3	562	43	28	62	429
Relatives in families maintained by men	1,496	60.8	1,277	219	14.6	964	358	248	58	300
16 to 19 years	283	54.2	221	63	22.1	239	18	176	-	45
20 to 24 years	453	79.1	389	64	14.1	120	32	53	3	31
25 years and over	759	55.6	667	92	12.1	605	308	19	55	224

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

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

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

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

Marital status, race, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	1984	1985	1984	1985	1984	1985	1984	1985
Total, 16 years and over	4,744	4,521	7.4	7.0	3,794	3,791	7.6	7.4
Married, spouse present	1,896	1,767	4.6	4.3	1,562	1,558	5.7	5.6
Widowed, divorced, or separated	551	568	9.4	9.2	809	828	8.4	8.3
Single (never married)	2,298	2,186	13.5	12.7	1,423	1,404	11.1	10.7
White, 16 years and over	3,600	3,426	6.4	6.1	2,772	2,765	6.5	6.4
Married, spouse present	1,588	1,462	4.3	4.0	1,308	1,308	5.4	5.3
Widowed, divorced, or separated	407	414	8.4	8.1	558	580	7.2	7.3
Single (never married)	1,605	1,550	11.2	10.7	906	877	8.6	8.2
Black, 16 years and over	1,003	951	16.4	15.3	911	913	15.4	14.9
Married, spouse present	242	242	8.1	8.0	200	197	9.1	8.7
Widowed, divorced, or separated	128	139	14.3	14.8	230	226	13.4	12.6
Single (never married)	633	570	28.2	25.1	481	491	24.3	23.4
Total, 25 years and over	2,909	2,770	5.7	5.3	2,292	2,335	6.0	5.9
Married, spouse present	1,714	1,587	4.4	4.1	1,240	1,240	5.1	4.9
Widowed, divorced, or separated	507	530	9.0	8.9	713	737	7.8	7.8
Single (never married)	687	654	10.1	9.1	339	358	7.0	7.0
White, 25 years and over	2,270	2,140	5.0	4.7	1,705	1,742	5.2	5.1
Married, spouse present	1,436	1,314	4.1	3.8	1,038	1,042	4.8	4.7
Widowed, divorced, or separated	373	383	8.0	7.8	485	513	6.7	6.8
Single (never married)	461	442	8.2	7.5	182	188	4.8	4.8
Black, 25 years and over	542	533	11.6	11.1	515	518	11.2	10.7
Married, spouse present	220	215	7.8	7.5	154	153	7.7	7.4
Widowed, divorced, or separated	119	131	13.8	14.3	210	205	12.6	11.9
Single (never married)	203	188	21.0	18.3	150	159	15.8	15.5

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10. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	1984	1985	1984	1985	1984	1985	1984	1985
Total, 16 years and over	8,539	8,312	7.5	7.2	7.4	7.0	7.6	7.4
Managerial and professional specialty	663	645	2.6	2.4	2.3	2.2	3.0	2.8
Executive, administrative, and managerial	320	329	2.7	2.6	2.4	2.3	3.3	3.2
Professional specialty	343	316	2.5	2.3	2.3	2.1	2.8	2.5
Technical, sales, and administrative support	1,706	1,694	5.0	4.9	3.9	3.8	5.6	5.4
Technicians and related support	96	110	2.9	3.3	2.7	2.9	3.2	3.7
Sales occupations	715	702	5.4	5.3	3.8	3.5	7.0	7.1
Administrative support, including clerical	896	882	5.1	4.9	4.8	4.7	5.1	4.9
Service occupations	1,413	1,386	9.1	8.8	9.1	8.7	9.1	8.8
Private household	74	69	6.9	6.4	6.5	7.3	7.0	6.3
Protective service	102	85	5.7	4.7	5.3	4.4	8.4	6.7
Service, except private household and protective	1,237	1,233	9.7	9.5	10.4	10.1	9.4	9.2
Precision production, craft, and repair	1,051	1,038	7.5	7.2	7.4	6.9	7.9	10.1
Mechanics and repairers	229	225	5.0	4.8	4.9	4.7	5.6	6.6
Construction trades	560	531	10.9	10.1	10.8	9.9	15.4	16.0
Other precision production, craft, and repair	262	281	6.0	6.4	5.6	5.4	7.5	10.0
Operators, fabricators, and laborers	2,193	2,140	11.5	11.3	11.1	10.7	12.6	13.0
Machine operators, assemblers, and inspectors	954	980	10.7	11.1	9.3	9.6	12.5	13.3
Transportation and material moving occupations	454	422	9.2	8.5	9.2	8.5	9.3	8.3
Handlers, equipment cleaners, helpers, and laborers	785	739	15.1	14.3	15.2	14.3	14.6	14.1
Construction laborers	194	186	22.5	21.3	22.0	21.0	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	591	553	13.6	12.8	13.6	12.7	13.9	13.5
Farming, forestry, and fishing	332	315	8.5	8.3	8.2	7.9	9.9	10.4
No previous work experience	1,114	1,041	-	-	-	-	-	-
16 to 19 years	747	690	-	-	-	-	-	-
20 to 24 years	245	226	-	-	-	-	-	-
25 years and over	122	125	-	-	-	-	-	-

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

11. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	1984	1985	1984	1985	1984	1985	1984	1985
Total, 16 years and over	8,539	8,312	7.5	7.2	7.4	7.0	7.6	7.4
Nonagricultural private wage and salary workers	6,253	6,189	7.4	7.2	7.5	7.1	7.3	7.3
Mining	103	96	10.0	9.5	10.9	9.9	5.4	7.4
Construction	817	778	14.3	13.1	14.7	13.4	10.3	10.0
Manufacturing	1,654	1,694	7.5	7.7	6.6	6.6	9.2	9.9
Durable goods	955	1,004	7.2	7.6	7.0	7.0	7.9	9.3
Lumber and wood products	74	83	10.2	11.6	9.8	11.1	13.1	14.6
Furniture and fixtures	56	56	9.6	8.9	9.5	7.8	9.9	11.6
Stone, clay, and glass products	58	59	9.1	9.6	9.1	8.9	9.2	11.6
Primary metal industries	116	103	12.0	11.3	12.1	11.3	11.4	10.9
Fabricated metal products	129	119	9.2	8.6	9.4	8.3	8.4	9.6
Machinery, except electrical	153	171	5.5	6.2	5.4	6.1	6.0	6.6
Electrical machinery, equipment, and supplies	142	187	5.9	7.8	4.5	6.0	7.6	10.2
Transportation equipment	147	148	5.9	5.6	5.8	5.1	6.3	7.7
Automobiles	91	94	7.2	7.3	6.7	6.4	9.0	10.6
Other transportation equipment	56	54	4.5	4.1	4.7	3.8	3.3	4.7
Professional and photographic equipment	30	32	4.4	4.4	3.3	2.8	6.1	6.9
Other durable goods industries	50	46	9.8	9.7	7.4	7.6	12.7	12.4
Nondurable goods	699	690	7.8	7.8	5.9	5.9	10.4	10.5
Food and kindred products	194	185	10.4	9.8	8.2	8.0	15.2	13.4
Textile mill products	71	79	8.6	9.9	7.4	7.8	9.9	12.1
Apparel and other textile products	144	148	10.8	11.4	8.2	7.6	11.4	12.5
Paper and allied products	38	31	5.7	4.5	4.6	3.9	9.1	6.5
Printing and publishing	83	93	4.9	5.5	4.1	4.0	6.1	7.5
Chemicals and allied products	57	57	4.7	4.7	3.6	4.1	7.0	5.8
Rubber and miscellaneous plastics products	59	59	7.5	7.6	5.6	6.4	10.9	9.8
Other nondurable goods industries	53	38	10.2	8.5	7.7	6.1	13.7	12.9
Transportation and public utilities	330	316	5.5	5.1	6.0	5.6	4.3	4.1
Transportation	251	248	6.2	5.9	6.6	6.4	4.6	4.2
Communications and other public utilities	79	68	3.0	2.5	3.0	2.3	3.0	3.0
Wholesale and retail trade	1,710	1,679	8.0	7.6	6.9	6.7	9.1	8.7
Wholesale trade	223	219	5.5	5.2	4.9	4.7	6.9	6.4
Retail trade	1,487	1,459	8.5	8.2	7.6	7.4	9.4	9.0
Finance, insurance, and real estate	232	228	3.7	3.5	3.8	3.3	3.6	3.6
Service industries	1,407	1,398	6.6	6.2	7.0	6.3	6.3	6.2
Professional services	539	529	4.5	4.2	4.1	3.6	4.6	4.5
Other service industries	868	869	9.3	8.7	9.3	8.4	9.3	9.0
Agricultural wage and salary workers	243	233	13.5	13.2	12.6	12.2	17.2	16.8
Government, self-employed, and unpaid family workers	928	848	3.5	3.2	3.4	3.1	3.6	3.3
No previous work experience	1,114	1,041	-	-	-	-	-	-

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

(Numbers in thousands)

Reason for unemployment	Total unemployed		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years		White		Black	
	1984	1985	1984	1985	1984	1985	1984	1985	1984	1985	1984	1985
NUMBER OF UNEMPLOYED												
Total unemployed	8,539	8,312	3,932	3,715	3,107	3,129	1,499	1,468	6,372	6,191	1,914	1,864
Job losers	4,421	4,139	2,800	2,568	1,350	1,296	271	275	3,406	3,146	902	890
On layoff	1,171	1,157	739	713	368	374	64	69	1,002	984	147	151
Other job losers	3,250	2,982	2,061	1,855	982	922	207	206	2,404	2,162	754	739
Job leavers	823	877	324	352	386	412	114	113	680	727	115	110
Reentrants	2,184	2,256	663	671	1,151	1,195	370	390	1,566	1,635	545	546
New entrants	1,110	1,039	146	124	220	227	745	689	719	682	353	317
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	51.8	49.8	71.2	69.1	43.5	41.4	18.1	18.7	53.4	50.8	47.1	47.8
On layoff	13.7	13.9	18.8	19.2	11.9	12.0	4.3	4.7	15.7	15.9	7.7	8.1
Other job losers	38.1	35.9	52.4	49.9	31.6	29.4	13.8	14.0	37.7	34.9	39.4	39.6
Job leavers	9.6	10.6	8.2	9.5	12.4	13.2	7.6	7.7	10.7	11.7	6.0	5.9
Reentrants	25.6	27.1	16.8	18.1	37.1	38.2	24.7	26.6	24.6	26.4	28.5	29.3
New entrants	13.0	12.5	3.7	3.3	7.1	7.3	49.7	46.9	11.3	11.0	18.4	17.0
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	3.9	3.6	4.7	4.3	2.9	2.7	3.4	3.5	3.4	3.2	7.5	7.2
Job leavers .....	.7	.8	.5	.6	.8	.9	1.4	1.4	.7	.7	1.0	.9
Reentrants	1.9	2.0	1.1	1.1	2.5	2.5	4.7	4.9	1.6	1.6	4.5	4.4
New entrants	1.0	.9	.2	.2	.5	.5	9.4	8.7	.7	.7	2.9	2.6

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

(Percent distribution)

Reason, sex, and age	1985						
	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	8,312	100.0	42.1	30.2	27.7	12.3	15.4
Job losers	4,139	100.0	34.8	30.4	34.7	15.2	19.6
On layoff	1,157	100.0	49.5	29.3	21.2	12.4	8.8
Other job losers	2,982	100.0	29.1	30.9	40.0	16.2	23.7
Job leavers	877	100.0	47.5	31.1	21.4	9.9	11.5
Reentrants	2,256	100.0	49.3	29.2	21.5	9.8	11.7
New entrants	1,039	100.0	50.7	30.5	18.8	8.5	10.3
Men, 20 years and over	3,715	100.0	33.9	29.9	36.2	14.9	21.2
Job losers	2,568	100.0	31.6	29.8	38.6	15.9	22.6
On layoff	713	100.0	47.5	29.4	23.0	13.8	9.3
Other job losers	1,855	100.0	25.5	29.9	44.5	16.7	27.8
Job leavers	352	100.0	39.6	31.9	28.4	13.1	15.3
Reentrants	671	100.0	39.6	29.9	30.6	12.7	17.8
New entrants	124	100.0	34.4	26.3	39.3	11.5	27.8
Women, 20 years and over	3,129	100.0	44.8	30.3	24.9	11.4	13.4
Job losers	1,296	100.0	36.4	31.6	31.9	15.2	16.7
On layoff	374	100.0	50.1	29.7	20.3	11.2	9.1
Other job losers	922	100.0	30.9	32.5	36.6	16.8	19.8
Job leavers	412	100.0	49.1	31.6	19.4	9.1	10.3
Reentrants	1,195	100.0	51.5	28.7	19.8	8.8	11.0
New entrants	227	100.0	49.6	29.3	21.1	8.0	13.0
Both sexes, 16 to 19 years	1,468	100.0	56.9	30.6	12.5	7.6	4.8
Job losers	275	100.0	57.1	30.7	12.2	8.0	4.2
On layoff	69	100.0	67.1	25.7	7.2	5.0	2.2
Other job losers	206	100.0	53.8	32.4	13.9	9.0	4.8
Job leavers	113	100.0	66.3	26.8	6.9	3.0	3.9
Reentrants	390	100.0	59.2	29.8	11.0	7.9	3.1
New entrants	689	100.0	54.0	31.6	14.4	8.2	6.2

14. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	1984	1985	1984	1985	1984	1985	1984	1985
Total, 16 years and over	8,539	8,312	100.0	100.0	7,057	6,793	100.0	100.0
Less than 5 weeks	3,350	3,498	39.2	42.1	2,502	2,582	35.5	38.0
5 to 14 weeks	2,451	2,509	28.7	30.2	2,049	2,096	29.0	30.9
5 to 10 weeks	1,759	1,845	20.6	22.2	1,453	1,523	20.6	22.4
11 to 14 weeks	693	664	8.1	8.0	596	573	8.4	8.4
15 weeks and over	2,737	2,305	32.1	27.7	2,506	2,115	35.5	31.1
15 to 26 weeks	1,104	1,025	12.9	12.3	983	917	13.9	13.5
27 weeks and over	1,634	1,280	19.1	15.4	1,522	1,198	21.6	17.6
27 to 51 weeks	585	496	6.9	6.0	542	461	7.7	6.8
52 weeks and over	1,048	785	12.3	9.4	980	736	13.9	10.8
Average (mean) duration, in weeks	18.2	15.6	-	-	20.0	17.3	-	-
Median duration, in weeks	7.9	6.8	-	-	9.1	8.0	-	-

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

Sex, age, race, and marital status	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								1984	1985	1984	1985
	1985										
Total, 16 years and over	8,312	3,498	2,509	1,025	1,280	15.6	6.8	39.2	42.1	32.1	27.7
16 to 19 years	1,468	835	449	112	71	8.0	4.4	52.2	56.9	16.9	12.5
20 to 24 years	1,738	785	543	197	212	13.4	6.1	41.2	45.2	28.9	23.5
25 to 34 years	2,341	925	722	311	383	16.4	7.6	37.2	39.5	33.6	29.6
35 to 44 years	1,340	480	398	187	275	19.1	8.9	34.1	35.8	38.9	34.5
45 to 54 years	813	259	240	124	189	21.2	10.0	32.6	31.9	40.3	38.5
55 to 64 years	518	174	130	83	131	22.8	10.4	28.9	33.6	46.7	41.3
65 years and over	93	39	25	10	20	19.8	6.9	39.2	41.4	38.8	31.3
Men, 16 years and over	4,521	1,696	1,367	627	830	18.0	8.2	35.2	37.5	36.4	32.2
16 to 19 years	806	436	256	73	41	8.5	4.6	49.5	54.1	18.1	14.1
20 to 24 years	944	379	304	125	136	15.1	7.1	37.9	40.1	32.8	27.7
25 to 34 years	1,244	428	380	186	250	19.1	9.1	32.8	34.4	38.4	35.1
35 to 44 years	706	219	205	105	177	22.6	10.7	29.0	31.0	45.0	40.0
45 to 54 years	459	124	132	79	124	24.4	12.2	27.6	27.0	45.6	44.2
55 to 64 years	307	92	74	53	88	26.0	12.4	25.9	29.9	50.3	45.8
65 years and over	55	19	15	7	14	23.3	9.7	36.6	34.2	42.3	38.0
Women, 16 years and over	3,791	1,801	1,142	398	450	12.8	5.6	44.3	47.5	26.7	22.4
16 to 19 years	661	399	192	40	30	7.4	4.1	55.4	60.4	15.4	10.6
20 to 24 years	794	407	239	72	76	11.2	4.9	45.3	51.2	24.0	18.6
25 to 34 years	1,098	497	342	125	133	13.4	6.1	42.7	45.3	27.6	23.5
35 to 44 years	634	261	193	82	98	15.1	7.0	40.1	41.1	31.5	28.4
45 to 54 years	355	135	108	46	65	17.0	8.0	38.5	38.1	33.9	31.3
55 to 64 years	211	82	55	30	43	18.3	8.4	34.1	39.0	40.6	34.7
65 years and over	39	20	10	3	5	14.9	4.8	42.3	51.7	34.6	21.7
White, 16 years and over	6,191	2,676	1,869	748	898	15.0	6.6	40.2	43.2	31.1	26.6
Men	3,426	1,325	1,038	469	594	17.4	7.8	35.8	36.7	35.8	31.0
Women	2,765	1,351	831	279	304	12.1	5.3	45.8	48.9	25.0	21.1
Black, 16 years and over	1,864	713	561	247	342	17.6	7.0	35.5	38.3	35.8	31.6
Men	951	318	282	141	210	20.3	8.5	32.5	33.4	39.0	36.9
Women	913	395	279	107	132	14.8	5.6	38.9	43.3	32.3	26.1
Men, 16 years and over:											
Married, spouse present	1,767	574	526	268	399	20.7	9.9	30.7	32.5	41.8	37.7
Widowed, divorced, or separated	568	177	169	94	129	22.2	10.3	30.5	31.2	42.2	39.1
Single (never married)	2,186	945	672	265	303	14.8	6.5	40.0	43.2	30.4	26.0
Women, 16 years and over:											
Married, spouse present	1,558	735	472	178	174	12.2	5.6	44.5	47.2	26.6	22.5
Widowed, divorced, or separated	828	338	252	99	139	16.4	7.3	39.1	40.9	32.5	28.8
Single (never married)	1,404	728	418	121	137	11.3	4.8	47.0	51.8	23.4	18.4

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

Occupation and industry	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
	1985							1984	1985	1984	1985
OCCUPATION											
Managerial and professional specialty	645	248	201	87	108	16.4	7.6	35.6	38.5	33.7	30.3
Technical, sales, and administrative support	1,694	764	510	196	225	13.6	6.2	41.6	45.1	29.4	24.8
Service occupations	1,386	624	400	153	209	15.1	6.2	41.1	45.0	29.6	26.2
Precision production, craft, and repair	1,038	394	314	154	176	17.1	8.0	36.1	38.0	36.7	31.8
Operators, fabricators, and laborers	2,140	784	648	299	410	18.5	8.5	34.6	36.6	37.9	33.1
Farming, forestry, and fishing	315	138	101	39	37	13.7	6.5	42.2	43.8	27.7	24.0
INDUSTRY¹											
Agriculture	233	103	76	27	27	13.2	6.3	43.7	44.1	25.2	23.2
Construction	802	305	267	118	112	15.4	7.7	37.5	38.0	32.6	28.7
Manufacturing	1,702	601	503	254	344	19.2	9.1	32.9	35.3	41.3	35.2
Durable goods	1,009	329	294	152	234	21.4	9.9	30.3	32.6	44.8	38.3
Nondurable goods	692	272	209	102	110	16.0	7.9	36.4	39.2	36.4	30.6
Transportation and public utilities	360	139	107	48	66	17.8	7.9	31.7	38.7	39.5	31.6
Wholesale and retail trade	1,687	767	507	182	231	14.0	6.1	41.8	45.5	28.7	24.5
Finance and service industries	1,953	848	575	237	295	15.1	6.6	39.9	43.4	30.8	27.2
Public administration	239	88	77	34	40	17.2	8.2	34.5	36.9	32.7	31.0
No previous work experience	1,041	528	317	89	107	12.2	4.9	47.3	50.8	23.4	18.8

¹ Includes wage and salary workers only.

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

Sex, age, and race	1985								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over	8,312	6,986	24.3	5.9	76.1	34.4	17.4	4.7	1.63
16 to 19 years	1,468	1,373	14.9	3.4	81.4	25.6	14.3	3.2	1.43
20 to 24 years	1,738	1,519	25.9	5.8	76.8	34.2	16.5	3.6	1.63
25 to 34 years	2,341	1,918	27.6	6.6	76.2	37.5	18.6	4.5	1.71
35 to 44 years	1,340	1,077	27.6	7.1	73.7	39.2	18.4	5.8	1.72
45 to 54 years	813	628	27.2	7.0	72.3	35.5	19.7	6.8	1.69
55 to 64 years	518	397	23.4	6.5	69.0	35.8	18.6	8.3	1.62
65 years and over	93	75	13.3	5.3	66.7	30.7	20.0	6.7	1.43
Men, 16 years and over	4,521	3,672	26.1	5.7	77.5	32.1	19.8	5.6	1.67
16 to 19 years	806	746	15.4	2.7	82.6	22.8	15.8	3.4	1.43
20 to 24 years	944	797	28.6	5.6	77.9	32.5	19.4	3.9	1.68
25 to 34 years	1,244	968	31.7	7.1	77.5	36.4	22.3	5.1	1.80
35 to 44 years	706	532	30.1	6.8	75.9	36.8	20.5	7.7	1.78
45 to 54 years	459	344	27.0	7.0	74.1	32.6	21.8	9.3	1.72
55 to 64 years	307	237	21.9	5.9	70.0	31.2	19.0	11.0	1.59
65 years and over	55	47	10.6	4.3	70.2	27.7	21.3	6.4	1.40
Women, 16 years and over	3,791	3,314	22.2	6.1	74.6	36.9	14.7	3.7	1.58
16 to 19 years	661	626	14.4	4.2	80.0	29.1	12.6	3.2	1.43
20 to 24 years	794	721	22.9	6.0	75.7	36.2	13.2	3.3	1.57
25 to 34 years	1,098	950	23.5	6.1	74.8	38.6	14.8	3.9	1.62
35 to 44 years	634	545	25.1	7.3	71.6	41.3	16.1	3.9	1.65
45 to 54 years	355	284	27.5	7.0	70.1	39.1	16.9	4.2	1.65
55 to 64 years	211	159	25.8	8.2	67.9	42.8	18.2	4.4	1.67
65 years and over	39	28	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,191	5,059	23.1	5.9	76.3	36.0	17.6	4.8	1.64
Men	3,426	2,693	25.2	5.8	77.5	33.3	20.0	6.0	1.68
Women	2,765	2,366	20.8	6.1	74.9	39.1	14.9	3.5	1.59
Black, 16 years and over	1,864	1,700	27.6	5.6	76.4	29.4	16.8	3.9	1.60
Men	951	852	28.9	5.5	78.5	27.7	19.5	4.1	1.64
Women	913	848	26.3	5.9	74.3	31.0	14.2	3.7	1.55

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

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

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

Sex and reason	1985								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over	8,312	6,986	24.3	5.9	76.1	34.4	17.4	4.7	1.63
Job losers ¹	4,139	2,969	30.6	6.4	77.5	36.1	20.2	5.0	1.76
Job leavers	877	870	22.6	8.0	75.7	41.0	17.1	3.3	1.68
Reentrants	2,256	2,124	20.3	5.5	73.2	33.5	15.1	5.3	1.53
New entrants	1,039	1,022	15.8	3.5	78.7	25.2	14.4	3.6	1.41
Men, 16 years and over	4,521	3,672	26.1	5.7	77.5	32.1	19.8	5.6	1.67
Job losers ¹	2,749	1,977	30.8	5.8	77.8	33.9	21.6	5.9	1.76
Job leavers	409	402	23.9	8.2	77.1	39.1	19.4	3.7	1.71
Reentrants	876	814	21.7	5.8	74.8	30.1	18.1	7.2	1.58
New entrants	487	479	16.3	3.1	81.0	21.9	15.7	3.3	1.41
Women, 16 years and over	3,791	3,314	22.2	6.1	74.6	36.9	14.7	3.7	1.58
Job losers ¹	1,390	992	30.2	7.5	76.8	40.6	17.2	3.1	1.76
Job leavers	468	468	21.6	7.9	74.6	42.7	15.2	3.0	1.65
Reentrants	1,380	1,311	19.4	5.3	72.1	35.8	13.1	4.2	1.50
New entrants	552	543	15.3	3.9	76.6	28.2	13.3	3.9	1.41

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

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

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

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

(In thousands)

Industry and age	Total		Men		Women	
	1984	1985	1984	1985	1984	1985
All industries	105,005	107,150	59,091	59,891	45,915	47,259
16 to 19 years	6,444	6,434	3,322	3,328	3,122	3,105
16 to 17 years	2,404	2,492	1,244	1,300	1,161	1,193
18 to 19 years	4,040	3,941	2,078	2,029	1,962	1,913
20 to 24 years	14,207	13,980	7,571	7,339	6,636	6,640
25 to 54 years	70,125	72,449	39,801	40,775	30,324	31,674
25 to 34 years	30,348	31,208	17,166	17,564	13,182	13,644
35 to 44 years	23,598	24,732	13,309	13,800	10,289	10,933
45 to 54 years	16,178	16,509	9,326	9,411	6,852	7,097
55 to 64 years	11,395	11,474	6,694	6,753	4,700	4,721
55 to 59 years	6,892	6,913	4,055	4,064	2,837	2,849
60 to 64 years	4,502	4,561	2,639	2,689	1,863	1,872
65 years and over	2,835	2,813	1,703	1,695	1,133	1,118
Agriculture	3,321	3,179	2,668	2,535	653	644
16 to 19 years	309	305	250	257	58	48
16 to 17 years	147	147	117	124	30	23
18 to 19 years	161	158	133	133	28	25
20 to 24 years	413	395	341	329	72	66
25 to 54 years	1,856	1,771	1,446	1,361	410	409
25 to 34 years	755	724	617	572	138	152
35 to 44 years	600	569	454	428	146	141
45 to 54 years	500	478	375	361	125	117
55 to 64 years	474	452	396	368	77	84
55 to 59 years	250	235	204	186	46	50
60 to 64 years	224	217	192	182	32	34
65 years and over	270	256	235	220	35	37
Nonagricultural industries	101,685	103,971	56,423	57,356	45,262	46,615
16 to 19 years	6,135	6,129	3,071	3,071	3,064	3,057
16 to 17 years	2,257	2,346	1,126	1,176	1,130	1,170
18 to 19 years	3,879	3,783	1,945	1,895	1,934	1,887
20 to 24 years	13,795	13,585	7,230	7,010	6,564	6,575
25 to 54 years	68,269	70,679	38,355	39,414	29,914	31,265
25 to 34 years	29,593	30,485	16,549	16,992	13,044	13,492
35 to 44 years	22,998	24,164	12,855	13,372	10,143	10,792
45 to 54 years	15,678	16,031	8,951	9,050	6,727	6,981
55 to 64 years	10,921	11,022	6,298	6,385	4,623	4,637
55 to 59 years	6,642	6,677	3,851	3,878	2,791	2,799
60 to 64 years	4,279	4,344	2,447	2,506	1,832	1,838
65 years and over	2,565	2,557	1,468	1,476	1,097	1,081

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	
	1984	1985	1984	1985	1984	1985	1984	1985	1984	1985
Total	105,005	107,150	59,091	59,891	55,769	56,562	45,915	47,259	42,793	44,154
Managerial and professional specialty	24,858	25,851	14,529	14,802	14,444	14,712	10,329	11,049	10,232	10,940
Executive, administrative, and managerial	11,571	12,221	7,683	7,871	7,646	7,834	3,889	4,351	3,856	4,310
Officials and administrators, public administration	497	526	311	322	310	322	186	204	185	203
Other executive, administrative, and managerial	7,847	8,377	5,526	5,748	5,494	5,715	2,320	2,630	2,296	2,598
Management-related occupations	3,228	3,318	1,845	1,800	1,842	1,797	1,383	1,517	1,375	1,509
Professional specialty	13,286	13,630	6,846	6,932	6,798	6,879	6,440	6,699	6,376	6,629
Engineers	1,627	1,683	1,526	1,570	1,524	1,568	101	113	99	113
Mathematical and computer scientists	501	571	347	394	346	392	154	178	154	178
Natural scientists	360	376	287	298	287	297	72	78	72	77
Health diagnosing occupations	775	728	671	620	620	620	104	108	104	107
Health assessment and treating occupations	1,929	2,006	262	289	261	287	1,668	1,717	1,664	1,713
Teachers, college and university	619	643	393	417	392	415	227	226	225	224
Teachers, except college and university	3,441	3,523	960	950	950	941	2,481	2,573	2,454	2,546
Lawyers and judges	678	671	568	549	568	549	110	122	110	122
Other professional specialty occupations	3,355	3,428	1,832	1,844	1,799	1,809	1,523	1,584	1,494	1,550
Technical, sales, and administrative support	32,476	33,231	11,556	11,725	10,993	11,161	20,920	21,507	19,365	19,921
Technicians and related support	3,172	3,255	1,646	1,719	1,620	1,689	1,527	1,537	1,506	1,516
Health technologists and technicians	1,112	1,115	185	185	182	183	927	929	919	922
Engineering and science technicians	1,060	1,115	832	881	819	862	228	234	219	227
Technicians, except health, engineering, and science	1,001	1,026	629	652	619	644	372	374	369	368
Sales occupations	12,582	12,667	6,550	6,579	6,187	6,225	6,032	6,088	5,150	5,209
Supervisors and proprietors	3,220	3,316	2,265	2,282	2,245	2,257	955	1,033	938	1,013
Sales representatives, finance and business services	1,992	2,099	1,228	1,239	1,219	1,232	764	860	745	839
Sales representatives, commodities, except retail	1,473	1,509	1,228	1,244	1,219	1,232	246	264	239	257
Sales workers, retail and personal services	5,843	5,682	1,810	1,791	1,485	1,482	4,033	3,890	3,196	3,064
Sales-related occupations	54	63	19	23	19	22	34	40	32	37
Administrative support, including clerical	16,722	17,309	3,361	3,427	3,187	3,248	13,361	13,882	12,708	13,196
Supervisors	847	712	305	332	305	331	342	380	341	379
Computer equipment operators	718	779	253	262	246	254	464	518	443	489
Secretaries, stenographers, and typists	4,877	5,002	113	114	106	104	4,765	4,888	4,532	4,667
Financial records processing	2,452	2,503	245	242	238	234	2,207	2,262	2,151	2,205
Mail and message distributing	800	805	548	532	516	504	253	273	240	255
Other administrative support, including clerical	7,228	7,507	1,898	1,946	1,776	1,821	5,330	5,561	5,001	5,200
Service occupations	14,151	14,441	5,545	5,695	4,651	4,804	8,607	8,747	7,473	7,631
Private household	993	1,006	38	38	27	25	955	968	763	793
Protective service	1,676	1,718	1,461	1,491	1,422	1,455	217	227	193	203
Service, except private household and protective	11,481	11,718	4,046	4,166	3,201	3,325	7,435	7,552	6,517	6,634
Food service	4,989	5,094	1,795	1,912	1,186	1,298	3,194	3,182	2,529	2,523
Health service	1,746	1,760	169	178	159	165	1,577	1,582	1,487	1,491
Cleaning and building service	2,802	2,815	1,708	1,684	1,527	1,515	1,094	1,131	1,031	1,069
Personal service	1,943	2,049	374	392	330	347	1,569	1,657	1,470	1,550
Precision production, craft, and repair	13,057	13,340	11,945	12,213	11,591	11,868	1,112	1,127	1,073	1,092
Mechanics and repairers	4,376	4,475	4,244	4,322	4,123	4,202	132	153	127	151
Construction trades	4,573	4,745	4,494	4,650	4,325	4,484	79	95	73	89
Other precision production, craft, and repair	4,108	4,120	3,207	3,241	3,142	3,182	901	878	873	852
Operators, fabricators, and laborers	16,864	16,816	12,479	12,539	11,390	11,444	4,385	4,277	4,148	4,068
Machine operators, assemblers, and inspectors	7,984	7,840	4,702	4,681	4,496	4,485	3,282	3,159	3,157	3,046
Manufacturing industries	6,737	6,589	3,904	3,869	3,754	3,721	2,833	2,720	2,734	2,641
Durable goods	3,718	3,641	2,575	2,548	2,482	2,451	1,143	1,093	1,104	1,063
Nondurable goods	3,019	2,949	1,329	1,322	1,272	1,269	1,690	1,627	1,630	1,578
Nonmanufacturing industries	1,247	1,251	798	812	742	765	449	439	422	405
Transportation and material moving occupations	4,467	4,535	4,098	4,160	3,966	4,024	369	375	355	358
Motor vehicle operators	3,213	3,303	2,906	2,965	2,797	2,853	307	338	293	322
Other transportation and material moving occupations	1,255	1,232	1,192	1,195	1,169	1,171	62	37	62	37
Handlers, equipment cleaners, helpers, and laborers	4,413	4,441	3,679	3,697	2,928	2,935	734	744	636	663
Construction laborers	668	686	650	665	573	580	17	21	15	19
Other handlers, equipment cleaners, helpers, and laborers	3,745	3,755	3,029	3,032	2,354	2,354	717	723	621	644
Farming, forestry, and fishing	3,600	3,470	3,037	2,917	2,700	2,572	562	552	502	503
Farm operators and managers	1,442	1,359	1,262	1,170	1,245	1,156	180	189	178	188
Other farming, forestry, and fishing occupations	2,158	2,111	1,775	1,748	1,455	1,417	382	363	323	315

**HOUSEHOLD DATA
ANNUAL AVERAGES**

21. Employed civilians by occupation, race, and sex

(Percent distribution)

Occupation and race	Total		Men		Women	
	1984	1985	1984	1985	1984	1985
TOTAL						
Total, 16 years and over (thousands)	105,005	107,150	59,091	59,891	45,915	47,259
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	23.7	24.1	24.6	24.7	22.5	23.4
Executive, administrative, and managerial	11.0	11.4	13.0	13.1	8.5	9.2
Professional specialty	12.7	12.7	11.6	11.6	14.0	14.2
Technical, sales, and administrative support	30.9	31.0	19.6	19.6	45.6	45.5
Technicians and related support	3.0	3.0	2.8	2.9	3.3	3.3
Sales occupations	12.0	11.8	11.1	11.0	13.1	12.9
Administrative support, including clerical	15.9	16.2	5.7	5.7	29.1	29.4
Service occupations	13.5	13.5	9.4	9.5	18.7	18.5
Private household .....	.9	.9	.1	.1	2.1	2.0
Protective service	1.6	1.6	2.5	2.5	.5	.5
Service, except private household and protective	10.9	10.9	6.8	7.0	16.2	16.0
Precision production, craft, and repair	12.4	12.4	20.2	20.4	2.4	2.4
Operators, fabricators, and laborers	16.1	15.7	21.1	20.9	9.6	9.1
Machine operators, assemblers, and inspectors	7.6	7.3	8.0	7.8	7.1	6.7
Transportation and material moving occupations	4.3	4.2	6.9	6.9	.8	.8
Handlers, equipment cleaners, helpers, and laborers	4.2	4.1	6.2	6.2	1.6	1.6
Farming, forestry, and fishing	3.4	3.2	5.1	4.9	1.2	1.2
White						
Total, 16 years and over (thousands)	92,120	93,736	52,462	53,046	39,659	40,690
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	24.6	25.1	25.7	25.8	23.3	24.3
Executive, administrative, and managerial	11.6	12.0	13.7	13.8	8.9	9.7
Professional specialty	13.0	13.1	12.0	12.0	14.4	14.6
Technical, sales, and administrative support	31.6	31.5	20.0	19.9	46.9	46.7
Technicians and related support	3.0	3.0	2.8	2.9	3.3	3.2
Sales occupations	12.7	12.4	11.8	11.6	13.9	13.5
Administrative support, including clerical	15.9	16.1	5.4	5.4	29.8	30.0
Service occupations	12.2	12.2	8.4	8.5	17.2	17.1
Private household .....	.7	.7	.1	.1	1.6	1.6
Protective service	1.5	1.5	2.3	2.4	.4	.4
Service, except private household and protective	9.9	9.9	6.0	6.1	15.2	15.0
Precision production, craft, and repair	12.9	12.9	20.8	21.0	2.4	2.3
Operators, fabricators, and laborers	15.2	14.9	20.0	19.8	8.9	8.4
Machine operators, assemblers, and inspectors	7.2	6.9	7.6	7.5	6.5	6.1
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	5.7	1.6	1.5
Farming, forestry, and fishing	3.5	3.3	5.2	4.9	1.3	1.3
Black						
Total, 16 years and over (thousands)	10,119	10,501	5,124	5,270	4,995	5,231
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	14.1	14.4	12.3	12.4	15.8	16.5
Executive, administrative, and managerial	5.8	6.2	6.3	6.6	5.2	5.8
Professional specialty	8.3	8.2	6.1	5.7	10.6	10.7
Technical, sales, and administrative support	25.6	26.5	15.0	15.5	36.5	37.6
Technicians and related support	2.6	2.8	1.9	2.1	3.3	3.4
Sales occupations	6.2	6.6	4.6	5.0	7.8	8.3
Administrative support, including clerical	16.8	17.1	8.5	8.4	25.3	25.9
Service occupations	24.5	24.0	18.4	18.5	30.7	29.6
Private household	3.0	2.8	.1	.2	5.9	5.4
Protective service	2.5	2.5	4.1	4.1	.8	.8
Service, except private household and protective	19.0	18.8	14.2	14.2	24.0	23.4
Precision production, craft, and repair	9.3	9.0	15.8	15.4	2.6	2.6
Operators, fabricators, and laborers	23.8	23.5	33.6	33.6	13.9	13.2
Machine operators, assemblers, and inspectors	11.2	10.7	11.4	11.1	11.0	10.2
Transportation and material moving occupations	6.2	5.9	11.2	10.9	1.0	.8
Handlers, equipment cleaners, helpers, and laborers	6.5	6.9	11.0	11.6	1.8	2.2
Farming, forestry, and fishing	2.7	2.6	4.9	4.6	.5	.5

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

(Numbers in thousands)

Occupation	1985			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Total, 16 years and over	107,150	44.1	9.8	6.2
Managerial and professional specialty	25,851	42.7	5.9	3.3
Executive, administrative, and managerial	12,221	35.6	5.3	3.5
Officials and administrators, public administration	462	40.7	8.7	3.3
Financial managers	394	35.7	3.1	3.1
Personnel and labor relations managers	110	44.5	5.6	3.3
Purchasing managers	99	24.4	4.0	2.7
Managers, marketing, advertising, and public relations	419	23.8	3.9	2.5
Administrators, education and related fields	480	48.2	9.4	2.6
Managers, medicine and health	108	59.2	8.1	4.6
Managers, properties and real estate	342	41.0	5.1	5.9
Management-related occupations	3,318	45.7	6.5	4.0
Accountants and auditors	1,263	44.1	5.9	4.2
Underwriters and other financial officers	621	48.0	5.9	3.8
Management analysts	158	29.4	4.7	2.2
Personnel, training, and labor relations specialists	343	56.5	11.6	5.3
Buyers, wholesale and retail trade, except farm products	207	48.7	2.4	3.1
Construction inspectors	46	7.3	3.7	7.2
Inspectors and compliance officers, except construction	164	22.9	13.1	5.2
Professional specialty	13,630	49.1	6.3	3.0
Architects	130	11.3	3.1	4.8
Engineers	1,683	6.7	2.6	2.8
Aerospace engineers	95	4.7	1.3	6.9
Chemical engineers	64	8.8	2.4	2.4
Civil engineers	221	4.7	1.8	2.6
Electrical and electronic engineers	544	8.3	3.4	2.0
Industrial engineers	178	10.9	2.9	3.1
Mechanical engineers	272	3.7	2.2	2.1
Mathematical and computer scientists	571	31.1	5.6	2.8
Computer systems analysts and scientists	359	28.0	5.5	3.1
Operations and systems researchers and analysts	164	34.9	5.3	3.1
Natural scientists	376	20.8	2.9	2.4
Chemists, except biochemists	111	21.0	5.6	3.6
Geologists and geodesists	58	14.8	.5	2.2
Biological and life scientists	64	33.3	1.6	2.7
Health diagnosing occupations	728	14.8	3.2	3.1
Physicians	492	17.2	3.7	3.9
Dentists	131	6.5	2.8	2.1
Health assessment and treating occupations	2,006	85.6	7.0	2.4
Registered nurses	1,447	95.1	6.8	2.1
Pharmacists	172	29.8	3.2	2.0
Dietitians	81	93.9	19.3	3.4
Therapists	257	76.2	7.2	4.2
Inhalation therapists	70	64.3	12.9	4.8
Physical therapists	60	72.5	3.7	8.7
Speech therapists	58	93.8	2.3	.7
Teachers, college and university	643	35.2	3.9	3.0
Teachers, except college and university	3,523	73.0	9.2	3.1
Prekindergarten and kindergarten	329	98.8	11.9	5.4
Elementary school	1,360	84.0	11.1	2.7
Secondary school	1,175	54.0	7.6	3.2
Special education	206	85.0	9.9	2.1
Teachers, n.e.c.	454	65.3	5.3	3.1
Counselors, educational and vocational	177	55.9	11.7	5.8
Librarians, archivists, and curators	215	84.7	6.1	2.6
Librarians	201	87.0	6.6	2.8
Social scientists and urban planners	286	42.6	5.2	3.1
Economists	102	34.5	3.4	3.4
Psychologists	150	50.4	6.6	3.4
Social, recreation, and religious workers	873	45.6	12.6	4.7
Social workers	438	66.7	17.6	5.6
Recreation workers	76	67.5	13.0	6.8
Clergy	289	6.0	7.3	3.3
Religious workers, n.e.c.	70	53.0	3.0	2.8
Lawyers and judges	671	18.2	3.3	2.3
Lawyers	642	18.1	3.0	2.3
Writers, artists, entertainers, and athletes	1,725	44.5	4.7	3.3
Authors	70	48.0	2.3	2.1
Technical writers	48	35.6	2.2	1.6
Designers	484	51.1	3.0	3.6
Musicians and composers	152	30.3	9.3	3.3
Actors and directors	77	37.9	7.2	.6
Painters, sculptors, craft-artists, and artist printmakers	200	50.0	3.2	2.9
Photographers	129	27.3	5.2	3.1
Editors and reporters	230	51.7	4.1	2.3
Public relations specialists	143	48.7	7.4	3.1
Announcers	51	24.9	6.7	3.0
Athletes	64	20.5	5.8	4.6

See note at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Occupation	1985			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Technical, sales, and administrative support	32,231	64.7	8.4	5.0
Technicians and related support	3,255	47.2	8.9	4.0
Health technologists and technicians	1,115	83.4	13.6	4.1
Clinical laboratory technologists and technicians	295	75.5	11.0	4.9
Dental hygienists	56	99.5	2.0	2.0
Radiologic technicians	121	73.8	7.5	2.7
Licensed practical nurses	402	96.9	19.6	4.5
Engineering and related technologists and technicians	904	18.1	6.4	4.9
Electrical and electronic technicians	304	13.1	9.1	5.0
Drafting occupations	297	17.4	3.9	5.5
Surveying and mapping technicians	64	9.8	4.7	2.3
Science technicians	211	33.3	8.1	3.8
Biological technicians	54	43.2	9.2	5.5
Chemical technicians	88	25.3	7.2	3.4
Technicians, except health, engineering, and science	1,026	36.4	6.2	3.2
Airplane pilots and navigators	77	2.6	1.0	.1
Computer programmers	534	34.3	6.4	2.5
Legal assistants	148	75.6	7.3	4.6
Sales occupations	12,667	48.1	5.5	4.4
Supervisors and proprietors	3,316	31.2	3.8	4.0
Sales representatives, finance and business services	2,099	41.0	3.4	2.7
Insurance sales	541	27.7	4.7	2.7
Real estate sales	659	51.6	2.3	2.7
Securities and financial services sales	266	24.6	2.2	1.2
Advertising and related sales	148	51.5	5.7	2.7
Sales occupations, other business services	485	47.2	3.5	3.5
Sales representatives, commodities, except retail	1,509	17.5	2.3	3.1
Sales workers, retail and personal services	5,682	68.5	8.2	5.6
Sales workers, motor vehicles and boats	275	7.7	4.2	4.8
Sales workers, apparel	465	82.7	7.8	5.5
Sales workers, shoes	108	58.2	10.6	10.4
Sales workers, furniture and home furnishings	161	51.0	4.2	4.2
Sales workers, radio, television, hi-fi, and appliances	170	28.3	4.4	4.2
Sales workers, hardware and building supplies	198	22.7	3.6	5.4
Sales workers, parts	153	12.2	3.2	5.7
Sales workers, other commodities	1,388	74.6	6.1	4.4
Sales counter clerks	140	72.2	7.5	7.3
Cashiers	2,174	83.1	12.1	6.4
Street and door-to-door sales workers	325	76.1	4.1	5.4
News vendors	126	30.7	5.0	5.5
Sales-related occupations	63	63.7	2.1	3.1
Administrative support, including clerical	17,309	80.2	10.4	5.6
Supervisors	712	53.4	12.3	4.5
General office	421	64.1	12.5	4.1
Financial records processing	87	69.8	6.1	4.4
Supervisors, distribution, scheduling, and adjusting clerks	156	20.6	16.1	5.9
Computer equipment operators	779	66.4	13.5	5.9
Computer operators	774	66.5	13.5	5.9
Secretaries, stenographers, and typists	5,002	97.7	8.2	4.5
Secretaries	4,059	98.4	6.5	4.3
Stenographers	62	85.9	5.6	1.0
Typists	880	95.6	16.0	5.8
Information clerks	1,257	90.1	8.4	6.4
Interviewers	172	84.6	11.2	6.5
Hotel clerks	71	72.7	7.5	5.1
Transportation ticket and reservation agents	106	67.0	12.7	4.9
Receptionists	679	97.6	6.7	6.2
Records processing occupations, except financial	842	81.1	14.1	7.0
Order clerks	198	78.8	12.6	5.0
Personnel clerks, except payroll and timekeeping	62	92.2	11.7	6.4
Library clerks	136	79.9	10.8	6.7
File clerks	290	81.0	17.4	8.5
Records clerks	134	80.4	13.8	7.4
Financial records processing	2,503	90.3	5.5	4.2
Bookkeepers, accounting, and auditing clerks	2,037	91.5	4.7	4.1
Payroll and timekeeping clerks	177	86.8	9.1	4.3
Billing clerks	158	87.7	7.7	5.0
Cost and rate clerks	82	73.5	11.9	3.0
Duplicating, mail and other office machine operators	65	69.4	11.7	8.9
Communications equipment operators	223	88.0	17.7	5.4
Telephone operators	215	88.8	17.9	5.5
Mail and message distributing occupations	805	33.9	19.8	5.4
Postal clerks, except mail carriers	258	41.4	26.1	5.0
Mail carriers, postal service	255	17.2	11.7	4.7
Mail clerks, except postal service	168	50.9	22.8	5.7
Messengers	124	29.5	19.5	7.2

See note at end of table.

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

(Numbers in thousands)

Occupation	1985			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Material recording, scheduling, and distributing clerks	1,669	39.9	11.6	7.1
Dispatchers	187	47.9	9.9	1.8
Production coordinators	181	48.6	5.9	4.7
Traffic, shipping, and receiving clerks	491	25.5	13.1	10.6
Stock and inventory clerks	546	41.1	12.6	6.6
Weighers, measurers, and checkers	76	49.2	11.0	10.0
Expeditors	113	61.9	9.4	4.1
Adjusters and investigators	723	71.8	11.2	6.6
Insurance adjusters, examiners, and investigators	220	65.9	9.5	4.9
Investigators and adjusters, except insurance	348	74.5	11.2	5.8
Eligibility clerks, social welfare	58	87.7	18.7	15.3
Bill and account collectors	97	66.3	10.2	8.4
Miscellaneous administrative support	2,728	85.1	12.9	6.8
General office clerks	694	80.1	12.0	6.7
Bank tellers	484	93.0	6.0	6.6
Data entry keyers	353	90.7	19.5	7.6
Statistical clerks	96	75.4	13.8	5.0
Teachers' aides	379	93.6	17.8	11.1
Service occupations	14,441	60.6	17.5	8.1
Private household	1,006	96.2	28.9	9.8
Child care workers	399	96.9	8.9	4.3
Cleaners and servants	550	95.8	42.3	13.3
Protective service	1,718	13.2	15.1	5.8
Supervisors, protective service	134	5.8	9.5	4.0
Supervisors, police and detectives	73	4.6	8.7	3.8
Firefighting and fire prevention	209	1.4	5.9	3.7
Firefighting occupations	186	.8	6.1	3.3
Police and detectives	652	10.1	13.5	6.1
Police and detectives, public service	419	8.2	11.3	6.6
Sheriffs, bailiffs, and other law enforcement officers	86	8.2	10.4	6.5
Correctional institution officers	147	16.6	21.6	4.2
Guards	722	20.9	20.2	6.6
Guards and police, except public service	615	14.5	21.9	7.0
Service occupations, except private household and protective service	11,718	64.4	16.8	8.3
Food preparation and service occupations	5,094	62.5	12.0	8.3
Supervisors	284	67.0	11.0	7.6
Bartenders	324	47.9	4.9	3.8
Waiters and waitresses	1,367	84.0	4.7	5.5
Cooks, except short order	1,553	51.3	18.4	9.1
Short-order cooks	103	36.5	20.7	4.4
Food counter, fountain, and related occupations	333	79.5	10.0	4.9
Kitchen workers, food preparation	134	74.8	18.0	9.9
Waiters' and waitresses' assistants	350	40.1	12.2	15.2
Miscellaneous food preparation	646	53.9	14.6	13.0
Health service occupations	1,760	89.9	24.5	5.6
Dental assistants	168	99.0	3.6	7.2
Health aides, except nursing	350	85.6	17.8	7.1
Nursing aides, orderlies, and attendants	1,242	89.9	29.2	4.9
Cleaning and building service occupations	2,815	40.2	25.0	11.1
Supervisors	148	36.2	22.6	9.9
Maids and housemen	563	83.5	30.8	12.7
Janitors and cleaners	2,049	29.4	24.0	10.9
Personal service occupations	2,049	80.9	11.0	6.8
Barbers	91	15.5	12.9	7.2
Hairdressers and cosmetologists	707	89.9	8.2	7.0
Attendants, amusement and recreation facilities	125	39.9	9.3	4.9
Public transportation attendants	65	78.8	13.2	4.8
Welfare service aides	82	92.6	23.3	13.4
Child care workers	738	96.1	10.6	5.9
Precision production, craft, and repair	13,340	8.4	7.1	7.4
Mechanics and repairers	4,475	3.4	6.9	6.6
Supervisors	266	8.3	6.2	3.2
Mechanics and repairers, except supervisors	4,209	3.1	6.9	6.8
Vehicle and mobile equipment mechanics and repairers	1,850	.8	6.2	7.8
Automobile mechanics	906	.7	7.5	8.3
Bus, truck, and stationary engine mechanics	347	.4	6.6	5.9
Aircraft engine mechanics	90	4.2	5.6	10.3
Small engine repairers	75	.3	3.1	3.7
Automobile body and related repairers	212	1.2	4.2	10.2
Heavy equipment mechanics	162	.1	3.8	6.0
Industrial machinery repairers	531	2.5	6.6	5.8
Electrical and electronic equipment repairers	701	8.1	8.3	6.5
Electronic repairers, communications, and industrial equipment	159	5.6	8.6	7.1
Data processing equipment repairers	119	10.4	6.4	4.4
Household appliance and power tool repairers	50	2.4	9.9	4.1
Telephone line installers and repairers	68	2.6	6.4	10.1
Telephone installers and repairers	229	12.8	9.1	6.5
Heating, air conditioning, and refrigeration mechanics	251	.6	4.1	6.0
Miscellaneous mechanics and repairers	841	5.0	7.7	5.8
Office machine repairers	63	5.7	9.8	5.1
Millwrights	87	2.3	7.0	4.0

See note at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Occupation	1985			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Construction trades	4,745	2.0	6.7	6.9
Supervisors	602	1.3	3.4	4.9
Construction trades, except supervisors	4,143	2.1	7.2	7.2
Brickmasons and stonemasons	173	.5	17.1	9.3
Carpet installers	92	.8	5.1	4.6
Carpenters	1,259	1.2	4.8	6.4
Drywall installers	140	1.2	6.1	10.3
Electricians	636	1.6	4.7	4.2
Electrical power installers and repairers	107	.8	9.3	2.8
Painters, construction and maintenance	496	6.3	8.5	8.3
Plumbers, pipefitters, and steamfitters	454	1.0	6.1	5.3
Concrete and terrazzo finishers	85	.2	26.5	21.4
Insulation workers	59	2.8	7.1	6.9
Roofers	178	1.9	10.9	11.5
Structural metal workers	68	.7	4.2	5.8
Extractive occupations	194	1.1	2.6	9.2
Supervisors	53	1.6	3.9	6.4
Drillers, oil wells	50	1.0	1.6	8.8
Precision production occupations	3,926	22.3	8.1	8.9
Supervisors	1,317	14.4	7.9	6.4
Precision metalworking	914	6.3	5.5	7.8
Tool and die makers	143	2.0	1.6	2.5
Machinists	502	3.7	6.1	8.6
Sheet-metal workers	128	5.2	6.6	7.5
Precision woodworking occupations	110	15.5	3.8	9.1
Cabinet makers and bench carpenters	59	4.4	.8	10.2
Precision textile, apparel, and furnishings machine workers	256	55.1	7.2	15.7
Dressmakers	105	95.5	4.6	12.6
Upholsterers	82	19.9	6.5	17.8
Precision workers, assorted materials	541	57.9	9.5	13.3
Optical goods workers	49	45.9	3.8	5.2
Dental laboratory and medical appliance technicians	51	38.0	8.2	7.9
Electrical and electronic equipment assemblers	338	71.8	11.6	15.8
Precision food production occupations	429	27.7	11.9	12.0
Butchers and meat cutters	286	19.3	13.1	13.2
Bakers	104	41.0	10.3	6.2
Precision inspectors, testers, and related workers	131	24.1	8.8	7.4
Inspectors, testers, and graders	124	22.6	8.7	7.4
Plant and system operators	228	3.2	11.1	5.1
Stationary engineers	104	2.7	10.3	3.4
Operators, fabricators, and laborers	16,816	25.4	14.7	10.0
Machine operators, assemblers, and inspectors	7,840	40.3	14.3	11.7
Machine operators and tenders, except precision	5,191	41.9	15.0	12.5
Metalworking and plastic working machine operators	470	17.6	10.4	7.9
Lathe and turning machine operators	68	9.6	5.9	8.2
Punching and stamping press machine operators	116	29.1	15.2	9.5
Grinding, abrading, buffing, and polishing machine operators	141	13.8	11.1	8.8
Metal and plastic processing machine operators	162	25.2	11.1	9.5
Molding and casing machine operators	102	35.2	11.0	11.2
Woodworking machine operators	142	10.2	15.5	7.4
Sawing machine operators	92	5.9	15.8	8.8
Printing machine operators	441	27.8	5.3	6.9
Printing machine operators	291	15.9	6.0	7.6
Typesetters and compositors	73	70.5	3.1	3.9
Textile, apparel, and furnishings machine operators	1,336	79.8	19.2	15.7
Winding and twisting machine operators	81	77.9	35.9	.3
Textile sewing machine operators	760	90.8	14.9	19.9
Shoe machine operators	44	66.5	12.3	14.8
Pressing machine operators	142	68.6	29.3	15.2
Laundering and dry cleaning machine operators	176	62.6	20.6	12.0
Machine operators, assorted materials	2,618	32.1	15.6	13.1
Packaging and filling machine operators	385	60.1	21.7	17.1
Mixing and blending machine operators	123	7.3	20.0	14.9
Separating, filtering, and clarifying machine operators	53	13.3	9.9	6.9
Painting and paint spraying machine operators	207	15.6	11.2	17.1
Furnace, kiln, and oven operators, except food	105	3.6	12.3	6.0
Crushing and grinding machine operators	46	18.7	6.0	9.7
Slicing and cutting machine operators	199	25.0	14.1	18.2
Photographic process machine operators	97	54.5	11.5	11.6
Fabricators, assemblers, and hand working occupations	1,833	30.8	13.0	11.0
Welders and cutters	587	4.8	8.2	9.6
Assemblers	1,047	41.8	16.4	11.4
Production inspectors, testers, samplers, and weighers	815	51.2	12.5	8.1
Production inspectors, checkers, and examiners	642	52.2	11.7	6.7
Production testers	57	33.1	7.2	5.5
Graders and sorters, except agricultural	106	58.1	19.5	17.5

See note at end of table.

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

(Numbers in thousands)

Occupation	1985			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Transportation and material moving occupations	4,535	8.3	13.7	7.0
Motor vehicle operators	3,303	10.2	14.1	6.9
Truck drivers, heavy	1,838	2.1	12.9	5.9
Truck drivers, light	576	10.6	12.9	9.5
Drivers-sales workers	214	6.7	6.3	5.6
Bus drivers	394	49.2	20.8	5.8
Taxi-cab drivers and chauffeurs	183	10.9	23.8	11.0
Transportation occupations, except motor vehicles	208	2.0	5.8	3.1
Rail transportation occupations	148	2.1	7.4	3.1
Locomotive operating occupations	59	2.5	5.7	4.3
Water transportation occupations	60	1.9	1.7	3.1
Material moving equipment operators	1,024	3.2	13.8	8.0
Operating engineers	157	1.4	8.0	6.0
Crane and tower operators	91	.7	12.3	6.3
Excavating and loading machine operators	113	1.2	8.4	4.7
Grader, dozer, and scraper operators	102	1.4	3.7	3.5
Industrial truck and tractor equipment operators	398	3.1	20.9	10.2
Handlers, equipment cleaners, helpers, and laborers	4,441	16.7	16.3	10.2
Helpers, construction and extractive occupations	165	3.8	11.8	14.0
Helpers, construction trades	149	3.9	13.0	14.5
Construction laborers	686	3.1	16.7	13.0
Production helpers	81	25.3	14.5	14.5
Freight, stock, and material handlers	1,594	16.0	17.0	7.5
Stock handlers and baggers	818	22.1	11.9	6.9
Machine feeders and offbearers	93	32.4	24.7	5.9
Garage and service station related occupations	283	6.8	9.9	8.3
Vehicle washers and equipment cleaners	218	12.5	25.0	14.6
Hand packers and packagers	304	65.2	15.3	10.6
Laborers, except construction	1,066	18.0	16.3	10.6
Farming, forestry, and fishing	3,470	15.9	7.8	9.4
Farm operators and managers	1,359	13.9	1.4	1.1
Farmers	1,244	14.2	1.3	.9
Farm managers	115	11.2	2.3	3.0
Other agricultural and related occupations	1,948	18.3	11.9	15.6
Farm occupations, except managerial	1,064	23.6	11.3	17.7
Farm workers	993	23.3	11.6	17.1
Related agricultural occupations	885	11.9	12.6	12.9
Supervisors	120	3.7	6.6	10.3
Groundskeepers and gardeners, except farm	662	5.8	14.7	14.2
Animal caretakers, except farm	83	58.2	5.1	1.9
Forestry and logging occupations	101	3.9	17.9	1.8
Timber cutting and logging	77	1.0	19.6	.4
Fishers, hunters, and trappers	61	5.0	1.1	9.5

NOTE: N.e.c. is an abbreviation for "not elsewhere classified" and designates broad categories of occupations which cannot be more specifically identified.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(In thousands)

Age and sex	1985								
	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	95,871	1,249	16,031	78,592	7,811	289	1,535	1,458	185
16 to 19 years	6,028	246	342	5,439	82	19	235	33	37
16 to 17 years	2,296	173	116	2,007	39	10	107	19	21
18 to 19 years	3,732	73	227	3,432	43	9	128	13	17
20 to 24 years	13,237	141	1,209	11,887	324	24	296	77	22
25 to 34 years	28,492	190	4,357	23,944	1,942	51	426	275	23
35 to 44 years	21,892	167	4,611	17,114	2,191	80	254	281	34
45 to 54 years	14,410	181	3,110	11,119	1,557	64	164	285	29
55 to 64 years	9,786	204	2,056	7,526	1,197	39	109	316	26
55 to 59 years	5,960	102	1,277	4,581	697	21	60	159	16
60 to 64 years	3,826	102	779	2,945	500	18	49	158	10
65 years and over	2,026	119	344	1,564	518	12	50	192	14
Men, 16 years and over	52,111	170	7,757	44,183	5,207	38	1,230	1,244	60
16 to 19 years	3,001	64	153	2,784	58	12	196	31	30
16 to 17 years	1,140	46	52	1,043	29	7	88	19	17
18 to 19 years	1,861	19	101	1,741	29	6	108	13	12
20 to 24 years	6,786	24	548	6,214	214	10	246	68	15
25 to 34 years	15,729	28	2,030	13,670	1,260	3	334	233	4
35 to 44 years	11,953	14	2,234	9,705	1,416	3	196	230	2
45 to 54 years	8,016	12	1,580	6,424	1,030	4	124	236	1
55 to 64 years	5,522	14	1,027	4,481	860	2	92	275	1
55 to 59 years	3,384	6	638	2,740	492	1	50	136	1
60 to 64 years	2,138	7	390	1,740	368	1	42	140	1
65 years and over	1,103	13	185	904	369	4	42	171	7
Women, 16 years and over	43,761	1,078	8,274	34,409	2,603	251	305	214	125
16 to 19 years	3,026	182	190	2,655	24	7	39	1	8
16 to 17 years	1,156	128	64	964	10	4	19	1	3
18 to 19 years	1,870	54	126	1,690	14	3	20	1	4
20 to 24 years	6,451	117	662	5,672	110	14	50	9	7
25 to 34 years	12,763	162	2,327	10,274	681	48	92	42	19
35 to 44 years	9,939	153	2,377	7,409	776	77	58	51	32
45 to 54 years	6,394	169	1,530	4,695	527	60	40	49	28
55 to 64 years	4,264	190	1,029	3,045	336	37	18	41	25
55 to 59 years	2,576	96	640	1,841	204	19	11	23	16
60 to 64 years	1,689	95	390	1,204	132	17	7	18	9
65 years and over	923	106	158	659	149	8	8	21	7

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

(In thousands)

Industry and sex	1985					
	Total employed	Wage and salary workers			Self-employed workers	Unpaid family workers
		Total	Government	Private industries		
TOTAL						
Mining	939	917	1	916	20	2
Construction	6,987	5,645	502	5,143	1,301	41
Manufacturing	20,879	20,511	157	20,355	347	20
Durable goods	12,586	12,361	126	12,235	211	13
Nondurable goods	8,293	8,150	31	8,119	136	7
Transportation and public utilities	7,548	7,224	1,393	5,831	315	9
Wholesale and retail trade	22,296	20,387	109	20,278	1,792	117
Wholesale trade	4,341	4,018	2	4,016	305	19
Retail trade	17,955	16,369	107	16,262	1,487	99
Finance, insurance, and real estate	7,005	6,429	151	6,279	558	17
Services	33,321	29,763	8,724	21,039	3,477	82
Private households	1,254	1,249		1,249	6	
Other service industries	32,067	28,514	8,724	19,790	3,471	82
Business and repair	5,969	4,742	73	4,668	1,185	42
Personal, except private households	3,098	2,206	10	2,196	882	10
Entertainment and recreation	1,278	1,110	181	929	165	3
Professional	21,563	20,338	8,395	11,943	1,199	27
Hospitals	4,269	4,264	1,005	3,259	5	
Health services, except hospitals	3,641	3,305	367	2,938	323	13
Educational	8,107	8,007	6,362	1,645	99	
Social services	2,410	2,229	536	1,693	177	4
Other	3,136	2,533	125	2,408	594	9
Forestry and fisheries	159	118	65	53	40	1
Public administration	4,995	4,995	4,995			
Men						
Mining	795	776	1	775	19	
Construction	6,370	5,122	456	4,666	1,244	4
Manufacturing	14,127	13,865	118	13,747	260	2
Durable goods	9,278	9,102	100	9,002	175	2
Nondurable goods	4,849	4,763	18	4,745	85	1
Transportation and public utilities	5,513	5,240	1,078	4,162	273	
Wholesale and retail trade	11,742	10,641	38	10,603	1,084	18
Wholesale trade	3,109	2,853	1	2,852	254	2
Retail trade	8,633	7,787	36	7,751	829	16
Finance, insurance, and real estate	2,886	2,511	89	2,421	373	3
Services	12,964	10,998	3,021	7,977	1,955	11
Private households	175	170		170	5	
Other service industries	12,789	10,828	3,021	7,807	1,950	11
Business and repair	3,775	2,912	47	2,865	856	7
Personal, except private households	992	779	3	776	212	1
Entertainment and recreation	769	656	106	549	113	
Professional	7,119	6,385	2,812	3,572	733	1
Hospitals	1,007	1,003	327	676	3	
Health services, except hospitals	840	592	86	507	246	1
Educational	2,813	2,794	2,180	615	19	
Social services	760	725	139	586	35	
Other	1,700	1,270	81	1,189	430	
Forestry and fisheries	132	96	51	45	36	
Public administration	2,958	2,958	2,958			
Women						
Mining	144	141		140	1	2
Construction	617	523	46	477	57	37
Manufacturing	6,752	6,646	39	6,607	88	18
Durable goods	3,308	3,259	26	3,233	36	12
Nondurable goods	3,444	3,387	13	3,374	51	6
Transportation and public utilities	2,035	1,984	315	1,669	42	8
Wholesale and retail trade	10,554	9,746	71	9,675	709	99
Wholesale trade	1,232	1,164		1,164	51	17
Retail trade	9,322	8,582	70	8,511	658	82
Finance, insurance, and real estate	4,119	3,919	61	3,857	186	15
Services	20,358	18,764	5,704	13,060	1,522	72
Private households	1,079	1,078		1,078	1	
Other service industries	19,279	17,686	5,704	11,982	1,521	72
Business and repair	2,194	1,830	26	1,804	329	35
Personal, except private households	2,106	1,427	7	1,420	670	9
Entertainment and recreation	508	455	75	380	52	2
Professional	14,444	13,953	5,582	8,371	466	25
Hospitals	3,263	3,261	678	2,584	1	
Health services, except hospitals	2,801	2,712	281	2,431	77	12
Educational	5,295	5,213	4,182	1,031	81	
Social services	1,649	1,504	397	1,107	142	4
Other	1,436	1,262	44	1,218	165	9
Forestry and fisheries	27	22	13	8	4	1
Public administration	2,037	2,037	2,037			

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25. Employed civilians by industry, sex, and occupation

(In thousands)

Industry and sex	1985												
	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	3,179	57	62	23	13	96		11	37	8	45	13	2,814
Mining	939	138	94	47	14	114	-	9	302	27	162	32	1
Construction	6,987	829	141	57	74	441	-	31	4,015	91	495	799	15
Manufacturing	20,879	2,288	1,637	746	715	2,528		399	4,018	6,589	824	1,051	84
Durable goods	12,586	1,419	1,148	540	300	1,464		227	2,854	3,641	424	498	73
Nondurable goods	8,293	869	489	206	415	1,065	-	173	1,164	2,949	400	553	10
Transportation and public utilities	7,548	791	435	232	307	2,041		237	1,311	112	1,611	458	13
Wholesale and retail trade	22,296	1,840	404	82	9,166	2,284	-	4,230	1,454	270	854	1,679	34
Wholesale trade	4,341	470	67	37	1,696	826	-	41	303	130	438	320	12
Retail trade	17,955	1,369	336	45	7,470	1,458		4,189	1,151	140	417	1,358	22
Finance, insurance, and real estate	7,005	1,649	152	119	1,669	2,918	-	282	113	15	14	22	52
Services	33,321	3,562	10,045	1,722	683	5,492	1,006	7,073	1,836	693	471	346	393
Private households	1,254	1	10	9	1	11	1,006	81	8	2	6	26	94
Other service industries	32,067	3,560	10,035	1,713	682	5,481	-	6,992	1,828	692	465	321	299
Professional services	21,563	2,014	8,984	1,431	128	4,008		4,022	389	171	248	83	85
Public administration	4,995	1,069	660	229	26	1,396	-	1,163	254	35	59	42	64
Men													
Agriculture	2,535	43	47	9	6	8		5	35	6	42	10	2,324
Mining	795	118	84	35	12	24		7	299	25	160	31	1
Construction	6,370	740	132	51	59	52		23	3,949	89	488	773	14
Manufacturing	14,127	1,790	1,317	576	510	755		315	3,361	3,869	790	763	80
Durable goods	9,278	1,131	996	434	241	479		185	2,387	2,548	410	395	72
Nondurable goods	4,849	659	321	142	269	276		130	973	1,322	380	369	8
Transportation and public utilities	5,513	563	343	184	131	862		144	1,244	98	1,499	433	13
Wholesale and retail trade	11,742	1,103	203	46	4,537	420	-	1,797	1,298	169	801	1,344	24
Wholesale trade	3,109	323	47	25	1,444	171		29	290	85	426	259	10
Retail trade	8,633	780	156	21	3,093	249	-	1,768	1,007	84	375	1,085	14
Finance, insurance, and real estate	2,886	902	92	58	1,038	398	-	205	106	9	12	19	48
Services	12,964	1,970	4,272	600	279	609	38	2,175	1,679	387	312	289	353
Private households	175	1	1	1	-	2	38	5	7	1	4	25	90
Other service industries	12,789	1,969	4,271	599	279	607	-	2,170	1,672	386	308	264	263
Professional services	7,119	974	3,656	415	37	339	-	1,038	342	76	110	62	70
Public administration	2,958	641	443	160	8	300		984	243	28	56	35	60
Women													
Agriculture	644	14	15	14	7	88		6	2	2	3	3	490
Mining	144	20	11	12	2	90		1	3	2	2	1	-
Construction	617	88	9	6	15	389		8	66	2	7	25	1
Manufacturing	6,752	498	320	170	204	1,773		84	657	2,720	34	287	4
Durable goods	3,308	288	152	106	59	985		41	466	1,093	14	104	1
Nondurable goods	3,444	210	168	64	146	789		43	191	1,627	21	184	3
Transportation and public utilities	2,035	228	92	47	177	1,179		93	68	14	112	25	-
Wholesale and retail trade	10,554	737	201	36	4,629	1,864	-	2,433	156	101	53	335	10
Wholesale trade	1,232	147	20	12	252	655		12	12	45	12	61	2
Retail trade	9,322	589	180	24	4,377	1,209	-	2,420	144	56	41	274	8
Finance, insurance, and real estate	4,119	747	61	61	632	2,520	-	77	7	6	2	3	4
Services	20,358	1,592	5,773	1,122	404	4,883	968	4,898	156	306	159	57	40
Private households	1,079	1	9	8	1	9	968	75	1	-	2	1	5
Other service industries	19,279	1,591	5,764	1,114	404	4,874	-	4,823	155	306	157	56	35
Professional services	14,444	1,040	5,329	1,017	90	3,669		2,983	47	95	138	21	15
Public administration	2,037	427	217	69	18	1,096	-	179	11	6	3	7	4

¹ Includes protective service, not shown separately.

26. Employed civilians by industry, race, and occupation

(In thousands)

Industry and race	1985												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service		Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical	Private household	Other service ¹		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
WHITE													
Agriculture	2,936	55	60	23	12	93		10	34	6	41	12	2,591
Mining	895	134	91	44	14	105		8	290	25	154	28	1
Construction	6,409	795	131	50	71	420		23	3,714	86	444	662	13
Manufacturing	18,216	2,173	1,505	664	677	2,297		311	3,590	5,446	667	823	64
Durable goods	11,120	1,347	1,051	478	289	1,338		184	2,563	3,063	341	411	56
Nondurable goods	7,096	826	454	186	389	959		127	1,027	2,383	327	411	8
Transportation and public utilities	6,414	724	395	206	281	1,662		180	1,163	88	1,355	350	11
Wholesale and retail trade	19,965	1,673	381	77	8,398	2,087		3,579	1,342	229	745	1,423	30
Wholesale trade	4,017	445	62	33	1,630	763		33	278	109	382	270	12
Retail trade	15,948	1,228	319	44	6,768	1,324		3,546	1,064	120	363	1,153	19
Finance, insurance, and real estate	6,262	1,532	138	107	1,577	2,507	-	219	98	12	10	18	45
Services	28,483	3,249	9,026	1,456	619	4,788	692	5,434	1,661	562	391	276	329
Private households	873	1	8	4	1	9	692	53	7	1	5	22	70
Other service industries	27,610	3,248	9,018	1,452	618	4,779	-	5,381	1,654	561	386	254	259
Professional services	18,480	1,823	8,051	1,207	113	3,473	-	2,991	338	138	208	68	69
Public administration	4,155	922	579	197	19	1,101	-	979	215	28	41	27	48
BLACK													
Agriculture	189	1	1		1	1		2	3	1	3	1	175
Mining	32	2	1	2	-	7		1	9	1	6	3	-
Construction	473	22	2	3	2	15		7	244	3	46	127	1
Manufacturing	2,085	67	50	48	27	180		82	319	942	148	206	17
Durable goods	1,086	39	30	31	7	93		40	198	476	78	78	15
Nondurable goods	1,000	28	20	16	20	87		43	121	466	70	128	2
Transportation and public utilities	947	51	24	17	18	312		48	124	22	230	99	2
Wholesale and retail trade	1,658	89	14	3	534	150		445	79	32	99	210	2
Wholesale trade	236	12	3	3	36	44		7	16	18	52	44	1
Retail trade	1,422	77	11	1	498	107		438	63	14	47	166	1
Finance, insurance, and real estate	548	74	8	6	61	316	-	57	12	1	4	3	6
Services	3,879	230	705	188	47	568	291	1,429	128	112	69	61	52
Private households	350	-	2	3	-	1	291	25	1	1	-	4	22
Other service industries	3,529	230	703	184	47	566	-	1,404	127	111	69	57	29
Professional services	-	150	652	163	12	434	-	918	40	30	36	13	14
Public administration	690	113	61	24	6	249	-	159	29	6	15	14	14

¹ Includes protective service, not shown separately.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(In thousands)

Sex, age, and race	1985									
	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	939	6,987	20,879	12,586	8,293	7,548	22,296	7,005	32,067	4,995
16 to 19 years	13	325	579	294	285	124	3,206	203	1,357	75
20 years and over	926	6,662	20,300	12,292	8,008	7,424	19,091	6,802	30,711	4,920
20 to 24 years	99	990	2,418	1,427	991	696	4,098	983	3,793	367
25 years and over	827	5,672	17,882	10,865	7,017	6,728	14,993	5,819	26,918	4,553
25 to 54 years	721	4,866	15,134	9,251	5,883	5,832	12,423	4,883	22,434	3,848
55 years and over	107	806	2,748	1,613	1,135	896	2,570	937	4,485	706
Men, 16 years and over	795	6,370	14,127	9,278	4,849	5,513	11,742	2,886	12,789	2,958
16 to 19 years	11	299	388	212	176	77	1,565	52	582	33
20 years and over	785	6,071	13,739	9,066	4,673	5,436	10,177	2,835	12,207	2,925
20 to 24 years	82	906	1,545	990	555	466	2,055	253	1,515	164
25 years and over	703	5,165	12,194	8,076	4,118	4,970	8,122	2,583	10,692	2,761
25 to 54 years	611	4,436	10,290	6,844	3,445	4,253	6,722	2,042	8,668	2,336
55 years and over	92	729	1,904	1,232	672	718	1,401	541	2,024	424
Women, 16 years and over	144	617	6,752	3,308	3,444	2,035	10,554	4,119	19,279	2,037
16 to 19 years	2	26	192	82	109	47	1,641	151	775	42
20 years and over	142	590	6,560	3,225	3,335	1,988	8,913	3,968	18,504	1,995
20 to 24 years	17	84	873	437	435	230	2,644	730	2,278	203
25 years and over	125	506	5,687	2,788	2,900	1,758	6,869	3,238	16,226	1,792
25 to 54 years	111	429	4,844	2,407	2,437	1,579	5,701	2,841	13,764	1,512
55 years and over	15	76	844	381	462	179	1,169	397	2,461	281
White										
Men, 16 years and over	761	5,830	12,518	8,280	4,238	4,736	10,456	2,608	11,117	2,562
16 to 19 years	10	282	353	196	157	70	1,400	47	497	26
20 years and over	751	5,548	12,165	8,084	4,081	4,666	9,056	2,561	10,620	2,536
20 to 24 years	79	835	1,356	881	475	398	1,798	215	1,281	143
25 years and over	672	4,713	10,809	7,203	3,606	4,268	7,258	2,346	9,339	2,393
25 to 54 years	582	4,046	9,081	6,078	3,003	3,631	5,960	1,844	7,533	2,016
55 years and over	91	667	1,728	1,126	602	637	1,299	502	1,805	377
Women, 16 years and over	134	579	5,698	2,840	2,858	1,678	9,509	3,654	16,494	1,593
16 to 19 years	1	24	167	74	93	41	1,474	131	697	30
20 years and over	132	554	5,530	2,766	2,764	1,637	8,035	3,524	15,797	1,563
20 to 24 years	15	77	745	383	362	197	1,821	656	1,985	146
25 years and over	117	477	4,785	2,383	2,402	1,440	6,214	2,868	13,812	1,417
25 to 54 years	103	403	4,016	2,032	1,984	1,276	5,116	2,492	11,710	1,175
55 years and over	15	74	769	351	419	164	1,098	375	2,102	243
Black										
Men, 16 years and over	24	444	1,269	743	526	658	908	203	1,246	311
16 to 19 years	-	13	29	13	17	6	131	4	70	6
20 years and over	23	431	1,240	730	510	652	777	199	1,176	305
20 to 24 years	2	57	153	84	69	56	198	29	186	18
25 years and over	21	374	1,087	646	441	596	579	170	990	287
25 to 54 years	21	320	939	558	380	529	507	140	821	251
55 years and over	-	53	148	87	60	68	71	29	169	37
Women, 16 years and over	8	28	816	343	473	289	749	345	2,282	379
16 to 19 years	1	1	20	7	13	4	132	15	62	9
20 years and over	8	27	795	335	460	285	617	330	2,220	369
20 to 24 years	2	6	100	36	63	27	175	58	237	53
25 years and over	6	21	695	299	397	258	442	272	1,983	316
25 to 54 years	6	19	646	280	366	245	398	256	1,673	286
55 years and over	-	2	50	19	31	12	45	16	310	30

¹ Excludes private households.

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

(Numbers in thousands)

Industry	1985			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Total, 16 years and over	107,150	44.1	9.8	6.2
Agriculture	3,179	20.3	5.9	9.2
Agricultural production, crops	1,302	17.1	8.4	12.0
Agricultural production, livestock	1,179	22.6	2.4	3.5
Agricultural services, except horticultural	252	46.6	5.2	11.9
Horticultural services	447	8.4	8.7	14.3
Mining	939	15.3	3.4	7.2
Metal mining	51	11.5	1.2	9.7
Coal mining	188	4.5	1.2	1.5
Crude petroleum and natural gas extraction	594	20.1	3.7	9.2
Nonmetallic mining and quarrying, except fuel	107	9.3	6.6	4.3
Construction	6,987	8.8	6.8	6.5
Manufacturing	20,879	32.3	10.0	7.6
Durable goods	12,586	26.3	8.6	7.1
Lumber and wood products, except furniture	693	14.0	15.0	4.5
Logging	135	4.4	24.0	.2
Sawmills, planing mills, and millwork	359	12.5	14.0	5.0
Wood buildings and mobile homes	69	22.9	7.2	7.8
Miscellaneous wood products	130	23.5	12.5	6.1
Furniture and fixtures	597	27.8	7.7	12.6
Stone, clay, glass, and concrete products	577	24.2	10.8	8.8
Glass and glass products	167	35.3	12.0	6.0
Cement, concrete, gypsum, and plaster products	206	8.2	9.9	9.0
Structural clay, pottery, and related products	85	35.6	13.8	18.1
Miscellaneous nonmetallic mineral and stone products	119	28.2	8.6	5.8
Primary metal industries	810	11.2	9.7	7.8
Blast furnaces, steelworks, rolling, and finishing mills	379	7.6	10.7	8.6
Iron and steel foundries	129	13.2	11.0	6.9
Primary aluminum industries	125	11.4	7.0	5.3
Other primary metal industries	178	17.4	8.4	8.6
Fabricated metal industries	1,304	22.2	7.9	9.2
Cutlery, hand tools, and other hardware	122	37.5	9.8	6.7
Fabricated structural metal products	465	15.5	7.2	9.7
Screw machine products	79	24.2	5.1	9.7
Metal forging and stampings	135	22.3	7.9	4.8
Ordnance	105	23.9	11.7	3.6
Miscellaneous and not specified fabricated metal products	398	24.3	7.7	12.1
Machinery, except electrical	2,626	23.7	5.5	5.0
Engines and turbines	90	19.8	8.5	1.9
Farm machinery and equipment	115	17.7	4.3	2.4
Construction and material handling machines	255	16.7	6.8	4.8
Metal working machinery	300	17.1	4.5	2.3
Office and accounting machines	112	38.0	7.3	4.7
Electronic computing equipment	688	35.2	5.1	4.8
Machinery, except electrical, n.e.c. and not specified	1,067	19.4	5.5	6.5
Electrical machinery, equipment and supplies	2,232	41.4	7.6	8.0
Household appliances	169	33.6	10.5	4.8
Radio, T.V., and communication equipment	559	39.6	9.2	6.6
Electrical machinery, equipment, and supplies, n.e.c. and not specified	1,504	42.9	6.7	8.9
Transportation equipment	2,586	19.7	11.5	5.6
Motor vehicles and motor vehicle equipment	1,208	19.2	14.1	4.5
Aircraft and parts	618	21.7	7.9	7.9
Ship and boat building and repairing	314	12.2	15.3	4.2
Guided missiles, space vehicles, and parts	348	24.5	6.6	6.1
Cycles and miscellaneous transportation equipment	71	19.6	7.4	10.7
Professional and photographic equipment, and watches	686	38.2	6.4	6.3
Scientific and controlling instruments	246	35.3	5.8	6.9
Optical and health services supplies	281	45.3	5.5	9.1
Photographic equipment and supplies	142	26.9	9.6	2.4
Toys, amusements, and sporting goods	124	46.8	6.5	12.5
Miscellaneous and not specified manufacturing industries	351	42.4	7.5	10.5
Nondurable goods	8,293	41.5	12.1	8.5
Food and kindred products	1,720	31.8	15.3	10.3
Meat products	385	34.4	23.2	11.2
Dairy products	176	22.7	6.1	4.1
Canned and preserved fruits and vegetables	234	42.7	11.6	17.3
Grain mill products	117	23.7	7.3	6.8
Bakery products	273	28.2	13.2	9.2
Sugar and confectionary products	109	42.9	20.0	7.2
Beverage industries	236	21.1	15.3	7.6
Miscellaneous and not specified food preparations and kindred products	191	38.2	17.6	14.3

See note at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Industry	1985			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Tobacco manufactures	63	39.8	23.3	2.9
Textile mill products	731	47.7	21.6	4.1
Knitting mills	135	68.4	17.5	4.8
Yarn, thread, and fabric mills	461	46.3	23.1	2.8
Apparel and other finished textile products	1,176	76.1	13.7	16.7
Apparel and accessories, except knit	1,007	78.7	13.3	17.0
Miscellaneous fabricated textile products	169	60.4	16.5	14.7
Paper and allied products	660	24.4	10.2	5.5
Pulp, paper, and paperboard mills	289	17.5	8.3	2.6
Miscellaneous paper and pulp products	187	34.5	10.5	8.3
Paperboard containers and boxes	184	25.0	12.9	7.3
Printing, publishing, and allied products	1,699	42.2	6.7	5.2
Newspaper publishing and printing	516	40.7	8.2	4.3
Printing, publishing, and allied industries, except newspapers	1,183	42.8	6.1	5.5
Chemicals and allied products	1,168	31.8	9.8	5.8
Plastics, synthetics, and resins	120	29.9	12.5	5.8
Drugs	231	48.5	8.7	4.9
Soaps and cosmetics	162	51.2	11.1	9.2
Paints, varnishes, and related products	65	17.1	9.9	19.1
Industrial and miscellaneous chemicals	540	22.2	9.1	3.6
Petroleum and coal products	189	18.2	11.2	6.6
Petroleum refining	165	19.4	10.3	6.8
Rubber and miscellaneous plastics products	728	35.4	9.2	9.2
Tires and inner tubes	109	18.4	16.6	1.8
Other rubber products, and plastics footwear and belting	148	35.0	7.3	12.2
Miscellaneous plastics products	466	39.4	8.0	10.0
Leather and leather products	164	54.6	11.4	17.3
Footwear, except rubber and plastic	101	56.4	8.5	14.7
Leather products, except footwear	53	57.8	15.4	22.4
Transportation, communications, and other public utilities	7,548	27.0	12.5	5.6
Transportation	4,459	23.4	12.7	6.1
Railroads	399	9.1	10.0	4.7
Bus service and urban transit	431	28.9	22.2	8.4
Taxicab service	115	8.7	26.0	10.6
Trucking service	1,653	14.2	9.6	5.0
Warehousing and storage	112	25.9	11.2	15.4
U.S. Postal Service	726	29.4	20.1	5.2
Water transportation	191	15.2	12.6	5.9
Air transportation	523	34.1	8.3	5.8
Services incidental to transportation	287	64.7	4.0	9.0
Communications	1,603	44.6	12.9	5.0
Radio and television broadcasting	237	44.2	6.7	1.8
Telephone (wire and radio)	1,163	45.9	14.4	5.5
Telegraph and miscellaneous communication services	203	37.9	11.6	5.7
Utilities and sanitary services	1,486	18.4	11.7	4.7
Electric light and power	651	19.0	9.6	3.4
Gas and steam supply systems	196	24.1	8.1	4.2
Electric and gas, and other combinations	180	22.9	8.3	5.0
Water supply and irrigation	209	18.8	14.5	6.2
Sanitary services	243	8.6	20.4	6.6
Wholesale and retail trade	22,296	47.3	7.4	6.2
Wholesale trade	4,341	28.4	5.4	5.8
Durable goods	2,411	28.3	4.7	4.6
Motor vehicles and equipment	236	27.0	4.7	5.0
Furniture and home furnishings	77	36.3	2.9	5.7
Lumber and construction materials	152	21.9	5.8	5.1
Metals and minerals, except petroleum	92	24.0	5.8	5.5
Electrical goods	302	29.7	5.3	4.4
Hardware, plumbing, and heating supplies	230	26.8	3.2	3.4
Machinery, equipment and supplies	1,078	29.5	4.0	4.0
Scrap and waste materials	125	16.4	11.8	8.4
Miscellaneous wholesale trade, durable goods	77	42.7	5.6	6.4
Nondurable goods	1,930	28.5	6.3	7.3
Paper and paper products	129	34.6	7.6	5.4
Drugs, chemicals, and allied products	190	34.7	3.8	4.0
Apparel, fabrics, and notions	124	42.4	6.6	12.0
Groceries and related products	692	25.4	8.2	10.0
Farm products-raw materials	112	22.8	5.3	2.5
Petroleum products	182	26.6	6.4	3.9
Alcoholic beverages	126	16.6	6.3	4.9
Farm supplies	130	20.0	3.6	2.4
Miscellaneous nondurable goods and not specified wholesale trade	244	36.9	3.7	9.3

See note at end of table.

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

(Numbers in thousands)

Industry	1985			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Retail trade	17,955	51.9	7.9	6.2
Lumber and building material retailing	442	24.9	6.1	3.9
Hardware stores	192	36.0	4.2	4.5
Retail nurseries and garden stores	83	33.5	2.8	4.4
Department stores	2,055	70.9	11.1	5.5
Variety stores	134	73.5	9.0	4.4
Miscellaneous general merchandise stores	128	62.8	16.7	8.4
Grocery stores	2,459	47.9	8.2	6.3
Dairy products stores	56	64.5	1.6	3.4
Retail bakeries	177	63.6	6.0	6.5
Food stores, n.e.c.	194	42.0	8.3	7.3
Motor vehicle dealers	1,035	18.1	6.1	5.3
Auto and home supply stores	419	19.3	4.8	6.6
Gasoline service stations	565	20.1	5.8	6.3
Miscellaneous vehicle dealers	97	20.2	.9	4.3
Apparel and accessory stores, except shoe	740	78.7	7.7	6.4
Shoe stores	164	49.9	7.3	8.0
Furniture and home furnishings stores	525	36.8	5.9	7.0
Household appliances, T.V., and radio stores	436	30.8	4.9	3.6
Eating and drinking places	5,244	57.4	10.1	7.9
Drug stores	500	61.5	5.5	4.3
Liquor stores	133	40.3	11.1	3.8
Sporting goods, bicycles, and hobby stores	277	47.9	2.7	3.7
Book and stationery stores	174	64.4	6.3	4.4
Jewelry stores	157	61.3	4.3	10.2
Sewing, needlework, and piece goods stores	76	90.2	3.7	3.9
Mail order houses	90	70.6	6.1	5.1
Vending machine operators	68	39.8	4.6	2.2
Direct selling establishments	324	71.7	3.1	5.4
Fuel and ice dealers	120	20.5	2.3	1.6
Retail florists	191	74.0	4.3	4.3
Miscellaneous retail stores and not specified retail trade	664	60.7	4.3	5.1
Finance, insurance, and real estate	7,005	58.8	7.8	4.8
Banking	1,914	71.2	9.3	5.5
Savings and loan associations	266	72.6	5.1	4.6
Credit agencies, n.e.c.	402	64.5	7.1	5.0
Security, commodity brokerage, and investment companies	553	40.1	5.0	3.4
Insurance	2,079	58.7	8.5	3.4
Real estate, including real estate-insurance law offices	1,791	48.1	6.9	6.1
Services	33,322	61.1	11.6	5.6
Private households	1,254	86.1	27.9	8.9
Other service industries	32,067	60.1	11.0	5.5
Business and repair services	5,969	36.8	9.7	7.1
Advertising	263	52.9	3.7	4.8
Services to dwellings and other buildings	571	42.4	18.9	13.2
Commercial research, development, and testing labs	205	32.7	3.5	5.6
Personnel supply services	590	77.9	17.6	4.6
Business management and consulting services	395	51.4	6.0	2.2
Computer and data processing services	549	38.0	6.7	3.2
Detective and protective services	318	19.0	22.3	7.1
Business services, n.e.c.	1,109	50.8	6.9	5.5
Automobile services, except repair	336	22.0	15.1	9.1
Automobile repair shops	986	8.4	6.2	10.3
Electrical repair shops	135	11.0	7.3	9.4
Miscellaneous repair services	514	15.6	3.7	8.2
Personnel services, except private household	3,098	68.0	11.8	8.7
Hotels and motels	1,033	57.3	15.6	11.7
Lodging places, except hotels and motels	418	87.7	7.5	5.2
Laundry, cleaning, and garment services	415	56.4	17.7	10.8
Beauty shops	716	88.8	8.3	6.9
Barber shops	89	17.5	11.7	6.2
Funeral service and crematories	82	28.5	13.0	1.0
Entertainment and recreational services	1,278	39.8	9.0	6.0
Theaters and motion pictures	401	37.9	8.3	4.3
Bowling alleys, billiard and pool parlors	71	39.6	7.2	2.1
Miscellaneous entertainment and recreation services	806	40.8	9.5	7.2

See note at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Industry	1985			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Professional and related services	21,563	67.0	11.4	4.5
Hospitals	4,269	76.4	16.4	4.4
Health services, except hospitals	3,641	76.9	11.3	4.7
Offices of physicians	894	69.0	3.0	4.4
Offices of dentists	480	74.7	2.5	4.1
Offices of chiropractors	59	56.1	3.1	2.0
Offices of optometrists	53	50.6	2.1	2.7
Nursing and personal care facilities	1,309	87.3	20.6	4.2
Educational services	8,107	65.3	10.8	4.4
Elementary and secondary schools	5,431	71.3	11.6	4.7
Colleges and universities	2,281	49.7	9.4	3.9
Business, trade, and vocational schools	62	51.0	14.2	5.2
Libraries	162	81.1	10.9	5.2
Educational services, n.e.c.	171	74.6	3.8	2.6
Social services	1,682	79.1	16.2	6.7
Job training and vocational rehabilitation services	148	55.3	15.0	4.4
Child day care services	496	96.7	15.1	6.4
Residential care facilities, without nursing	351	71.3	14.0	4.7
Social services, n.e.c.	687	75.5	18.3	8.5
Other professional services	3,864	45.4	5.2	3.7
Legal services	995	53.7	4.4	3.4
Museums, art galleries, and zoos	60	54.4	10.6	2.9
Religious organizations	728	43.8	7.5	3.6
Membership organizations	414	55.3	10.2	5.8
Engineering, architectural, and surveying services	734	23.5	3.3	4.2
Accounting, auditing, and bookkeeping services	549	52.8	2.6	2.6
Noncommercial educational and scientific research	147	38.2	6.1	5.0
Miscellaneous professional and related services	217	50.8	2.5	2.0
Forestry and fisheries	159	16.8	5.5	6.1
Forestry	85	23.2	8.8	4.9
Fisheries	74	9.5	1.7	7.5
Public administration	4,995	40.8	13.8	5.1
Executive and legislative offices	146	64.0	7.8	3.4
General government, n.e.c.	516	47.9	18.1	5.1
Justice, public order, and safety	1,655	27.9	12.4	5.0
Public finance, taxation, and monetary policy	354	58.3	14.2	5.3
Administration of human resources programs	634	65.6	18.5	4.6
Administration of environmental quality and housing programs	316	29.6	11.5	4.8
Administration of economic programs	526	39.6	11.2	4.1
National security and international affairs	849	36.7	13.7	6.9

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

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					
	1984	1985	Total		Wage and salary workers ¹			
			1984	1985	Paid absences		Unpaid absences	
					1984	1985	1984	1985
Total, 16 years and over	5,575	5,789	5,439	5,667	2,766	2,960	2,060	2,117
Vacation	3,147	3,338	3,108	3,301	2,051	2,221	826	849
Illness	1,322	1,308	1,285	1,281	497	504	671	662
Bad weather	118	141	90	112	(²)	(²)	(²)	(²)
Industrial dispute	40	42	40	42	(²)	(²)	(²)	(²)
All other reasons	947	960	916	931	218	234	564	607
Men, 16 years and over	2,758	2,856	2,643	2,757	1,486	1,552	808	859
Vacation	1,525	1,621	1,495	1,593	1,126	1,193	250	275
Illness	698	675	664	653	273	266	330	325
All other reasons ³	536	560	484	510	88	93	228	259
Women, 16 years and over	2,816	2,933	2,795	2,911	1,281	1,409	1,251	1,259
Vacation	1,622	1,717	1,613	1,708	926	1,028	576	574
Illness	624	633	621	628	224	240	340	337
All other reasons ³	570	583	562	575	131	141	336	349

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	1985					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	101,361	3,057	98,303	100.0	100.0	100.0
1 to 34 hours	24,682	914	23,769	24.4	29.9	24.2
1 to 4 hours	811	51	760	.8	1.7	.8
5 to 14 hours	4,368	208	4,161	4.3	6.8	4.2
15 to 29 hours	12,214	438	11,776	12.0	14.3	12.0
30 to 34 hours	7,289	217	7,072	7.2	7.1	7.2
35 hours and over	76,679	2,143	74,534	75.6	70.1	75.8
35 to 39 hours	6,974	149	6,825	6.9	4.9	6.9
40 hours	41,284	575	40,709	40.7	18.8	41.4
41 hours and over	28,421	1,419	27,000	28.0	46.4	27.5
41 to 48 hours	10,461	231	10,229	10.3	7.6	10.4
49 to 59 hours	10,282	399	9,882	10.1	13.1	10.1
60 hours and over	7,678	789	6,889	7.6	25.8	7.0
Average hours, total at work	39.0	44.0	38.9	-	-	-
Average hours, workers on full-time schedules	43.4	51.7	43.2	-	-	-

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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	1985					
	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	24,682	7,342	17,340	23,769	7,035	16,733
Economic reasons	5,590	1,739	3,851	5,334	1,639	3,695
Slack work	2,430	1,398	1,032	2,273	1,307	966
Material shortages or repairs to plant and equipment	62	62	-	60	60	-
New job started during week	190	190	-	184	184	-
Job terminated during week	90	90	-	88	88	-
Could find only part-time work	2,819	-	2,819	2,730	-	2,730
Other reasons	19,092	5,603	13,489	18,435	5,397	13,038
Does not want, or unavailable for, full-time work	11,217	-	11,217	10,876	-	10,876
Vacation	1,360	1,360	-	1,342	1,342	-
Illness	1,539	1,395	144	1,509	1,372	137
Bad weather	674	674	-	573	573	-
Industrial dispute	8	8	-	8	8	-
Legal or religious holiday	682	682	-	681	681	-
Full time for this job	1,545	-	1,545	1,506	-	1,506
All other reasons	2,066	1,484	582	1,938	1,421	517
Average hours:						
Economic reasons	22.0	24.4	20.9	22.1	24.5	21.0
Other reasons	21.2	26.3	19.1	21.2	26.4	19.1
Worked 30 to 34 hours:						
Economic reasons	1,724	782	942	1,659	746	913
Other reasons	5,565	3,057	2,508	5,413	2,979	2,434

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

(Numbers in thousands)

Industry	1985								
	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	98,303	5,334	13,038	79,931	52,931	10,229	16,771	38.9	43.2
Wage and salary workers	90,740	4,775	11,721	74,244	50,380	9,650	14,214	38.7	42.8
Mining	856	25	17	814	434	127	253	45.3	46.5
Construction	5,410	390	248	4,772	3,299	545	928	39.8	42.4
Manufacturing	19,511	635	626	18,250	12,315	2,818	3,117	41.4	42.7
Durable goods	11,772	251	275	11,246	7,498	1,775	1,973	41.9	42.8
Nondurable goods	7,739	384	351	7,004	4,818	1,043	1,143	40.5	42.5
Transportation and public utilities	6,790	228	346	6,216	4,121	814	1,281	41.5	43.4
Wholesale and retail trade	19,526	1,626	4,386	13,514	8,286	2,066	3,162	36.6	43.7
Finance, insurance, and real estate	6,149	126	554	5,469	3,906	637	926	39.6	42.0
Service industries	27,736	1,677	5,301	20,758	14,622	2,230	3,906	36.7	42.4
Private households	1,200	254	530	416	281	40	95	24.8	44.8
All other industries	26,536	1,423	4,771	20,342	14,341	2,190	3,811	37.2	42.4
Public administration	4,761	69	243	4,449	3,392	414	643	40.4	41.8
Self-employed workers	7,275	548	1,198	5,529	2,458	568	2,503	41.1	48.3
Unpaid family workers	289	11	119	159	93	12	54	35.1	45.9

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	1985							
	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	98,303	5,334	13,038	79,931	52,931	27,000	38.9	43.2
16 to 19 years	5,914	732	3,001	2,181	1,701	480	26.0	40.4
16 to 17 years	2,255	228	1,666	361	293	68	19.6	39.0
18 to 19 years	3,659	504	1,335	1,820	1,407	413	29.9	40.7
20 years and over	92,389	4,601	10,037	77,751	51,230	26,521	39.7	43.3
20 to 24 years	13,066	1,088	1,978	10,000	7,114	2,886	37.1	42.1
25 years and over	79,322	3,513	8,060	67,749	44,114	23,635	40.1	43.4
25 to 44 years	51,780	2,354	4,414	45,012	28,769	16,243	40.6	43.6
45 to 64 years	25,215	1,055	2,519	21,641	14,568	7,073	40.0	43.2
65 years and over	2,328	104	1,127	1,097	777	320	28.9	42.2
Men, 16 years and over	54,599	2,373	3,843	48,383	28,655	19,728	41.8	44.6
16 to 19 years	2,966	357	1,403	1,206	896	310	27.2	41.1
16 to 17 years	1,133	114	807	212	167	45	20.6	39.6
18 to 19 years	1,833	243	596	994	729	265	31.3	41.4
20 years and over	51,633	2,016	2,441	47,176	27,758	19,418	42.7	44.7
20 to 24 years	6,780	534	794	5,452	3,547	1,905	38.8	43.2
25 years and over	44,853	1,484	1,647	41,722	24,211	17,511	43.2	44.9
25 to 44 years	29,033	1,019	581	27,433	15,472	11,961	43.9	45.2
45 to 64 years	14,471	422	480	13,569	8,257	5,312	43.0	44.5
65 years and over	1,349	43	586	720	481	239	30.9	43.0
Women, 16 years and over	43,704	2,960	9,195	31,549	24,276	7,273	35.2	41.0
16 to 19 years	2,948	375	1,598	975	805	170	24.8	39.6
16 to 17 years	1,122	114	859	149	127	22	18.7	38.0
18 to 19 years	1,826	261	739	826	678	148	28.6	39.9
20 years and over	40,756	2,585	7,597	30,574	23,471	7,103	35.9	41.0
20 to 24 years	6,286	555	1,184	4,547	3,566	981	35.2	40.7
25 years and over	34,471	2,029	6,414	26,028	19,905	6,123	36.1	41.1
25 to 44 years	22,746	1,335	3,833	17,578	13,296	4,282	36.5	41.1
45 to 64 years	10,744	634	2,038	8,072	6,313	1,759	35.9	41.0
65 years and over	980	61	542	377	295	82	26.1	40.6
RACE								
White, 16 years and over	85,857	4,322	11,822	69,713	44,921	24,792	39.0	43.4
Men	48,268	1,924	3,421	42,923	24,649	18,274	42.1	44.9
Women	37,589	2,398	8,400	26,791	20,274	6,517	35.0	41.1
Black, 16 years and over	9,711	875	885	7,951	6,376	1,575	37.6	41.3
Men	4,854	388	299	4,167	3,133	1,034	39.3	42.3
Women	4,857	487	586	3,784	3,243	541	35.9	40.1
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	35,712	997	1,203	33,512	19,038	14,474	43.6	45.1
Widowed, divorced, or separated	5,148	271	199	4,678	2,774	1,904	42.6	44.7
Single (never married)	13,739	1,106	2,441	10,192	6,841	3,351	36.9	43.1
Women, 16 years and over:								
Married, spouse present	24,007	1,368	5,431	17,208	13,490	3,718	34.9	40.7
Widowed, divorced, or separated	8,545	655	1,069	6,821	5,039	1,782	37.4	41.6
Single (never married)	11,152	937	2,695	7,520	5,748	1,772	33.9	41.1

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

(Numbers in thousands)

Occupation and sex	1985								
	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	98,034	5,283	12,986	79,765	52,753	10,226	16,787	38.9	43.2
Managerial and professional specialty	24,184	467	2,163	21,554	12,410	2,706	6,437	42.0	44.8
Executive, administrative, and managerial	11,698	144	566	10,988	5,889	1,413	3,686	44.2	45.7
Professional specialty	12,486	323	1,597	10,566	6,521	1,293	2,751	40.0	43.8
Technical, sales, and administrative support	31,665	1,343	5,382	24,939	17,525	3,034	4,380	37.6	42.3
Technicians and related support	3,107	67	330	2,711	1,993	331	386	39.3	41.9
Sales occupations	12,102	729	2,417	8,956	4,820	1,253	2,884	38.8	45.4
Administrative support, including clerical	16,456	548	2,635	13,273	10,712	1,450	1,111	36.4	40.4
Service occupations	13,681	1,604	3,738	8,339	6,203	851	1,285	33.3	42.2
Private household	962	191	434	337	230	33	74	24.9	44.1
Protective service	1,626	55	143	1,428	876	204	348	42.1	45.2
Service, except private household and protective	11,093	1,358	3,161	6,573	5,096	614	863	32.8	41.5
Precision production, craft, and repair	12,659	664	440	11,554	7,501	1,721	2,332	41.3	43.2
Operators, fabricators, and laborers	15,847	1,204	1,262	13,380	9,114	1,914	2,352	39.5	42.8
Machine operators, assemblers, and inspectors	7,405	453	289	6,663	4,862	974	827	39.9	41.8
Transportation and material moving occupations	4,222	269	304	3,648	1,967	542	1,139	42.5	46.0
Handlers, equipment cleaners, helpers, and laborers	4,220	482	669	3,069	2,284	398	386	35.6	41.4
Men, 16 years and over	54,242	2,319	3,758	48,165	28,444	6,715	13,006	41.9	44.7
Managerial and professional specialty	14,089	200	605	13,285	6,737	1,673	4,875	44.8	46.4
Executive, administrative, and managerial	7,553	84	207	7,262	3,439	925	2,898	46.0	47.1
Professional specialty	6,536	116	398	6,023	3,297	748	1,977	43.4	45.6
Technical, sales, and administrative support	11,269	277	959	10,033	5,543	1,457	3,032	42.4	45.3
Technicians and related support	1,653	19	87	1,547	1,054	206	287	41.4	42.9
Sales occupations	6,345	170	583	5,591	2,459	827	2,305	44.2	47.5
Administrative support, including clerical	3,271	87	289	2,894	2,029	425	440	39.6	42.2
Service occupations	5,439	456	1,006	3,977	2,755	464	758	37.0	43.5
Private household	36	9	14	14	11	1	2	24.7	43.4
Protective service	1,413	38	94	1,281	771	185	325	43.2	45.6
Service, except private household and protective	3,990	409	898	2,682	1,973	278	431	34.9	42.5
Precision production, craft, and repair	11,598	596	326	10,675	6,848	1,598	2,229	41.6	43.4
Operators, fabricators, and laborers	11,847	790	862	10,196	6,562	1,523	2,111	40.4	43.6
Machine operators, assemblers, and inspectors	4,439	169	119	4,151	2,828	663	660	41.4	42.7
Transportation and material moving occupations	3,887	231	199	3,458	1,835	516	1,108	43.4	46.2
Handlers, equipment cleaners, helpers, and laborers	3,521	390	544	2,587	1,900	344	343	35.8	41.5
Women, 16 years and over	43,793	2,965	9,228	31,600	24,309	3,510	3,781	35.1	41.0
Managerial and professional specialty	10,095	268	1,558	8,269	5,674	1,033	1,562	38.1	42.2
Executive, administrative, and managerial	4,145	60	359	3,726	2,450	487	788	40.8	43.0
Professional specialty	5,950	208	1,199	4,543	3,224	546	774	36.2	41.6
Technical, sales, and administrative support	20,396	1,067	4,423	14,906	11,982	1,577	1,348	35.0	40.4
Technicians and related support	1,454	48	243	1,163	939	126	99	36.9	40.5
Sales occupations	5,757	558	1,834	3,365	2,361	426	579	33.0	42.0
Administrative support, including clerical	13,185	460	2,346	10,378	8,682	1,026	671	35.6	39.8
Service occupations	8,242	1,148	2,732	4,362	3,448	387	527	30.9	41.1
Private household	926	183	420	323	220	32	71	24.9	44.2
Protective service	213	16	49	148	105	19	23	34.8	42.4
Service, except private household and protective	7,103	949	2,263	3,891	3,123	336	432	31.5	40.8
Precision production, craft, and repair	1,061	68	114	879	654	122	103	37.8	41.3
Operators, fabricators, and laborers	3,999	414	401	3,184	2,552	392	241	36.8	40.4
Machine operators, assemblers, and inspectors	2,966	284	170	2,512	2,034	311	167	37.7	40.3
Transportation and material moving occupations	335	39	106	190	133	26	31	32.4	42.2
Handlers, equipment cleaners, helpers, and laborers	699	92	125	482	385	55	43	34.6	40.5

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

(In thousands)

Reason and sex	Total		Age							
	1984	1985	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			1984	1985	1984	1985	1984	1985	1984	1985
TOTAL										
Total not in labor force	62,839	62,744	6,791	6,604	4,642	4,379	21,860	21,564	29,546	30,197
Do not want a job now	56,768	56,812	5,414	5,285	3,570	3,409	18,796	18,524	28,990	29,592
Current activity:										
Going to school	6,537	6,288	4,136	3,994	1,585	1,513	800	764	16	17
Ill, disabled	3,995	3,914	33	29	105	91	1,884	1,884	1,974	1,908
Keeping house	28,051	27,136	367	386	1,397	1,306	13,379	12,996	12,910	12,447
Retired	13,774	14,857	-	-	-	-	382	379	13,392	14,479
Other activity	4,411	4,617	878	876	483	499	2,351	2,501	698	741
Want a job now	6,070	5,933	1,377	1,319	1,073	971	3,066	3,036	553	605
Reason for not looking:										
School attendance	1,544	1,455	978	960	322	263	240	224	5	7
Ill health, disability	801	803	19	18	57	70	546	537	177	178
Home responsibilities	1,378	1,317	82	62	280	272	979	947	37	36
Think cannot get a job	1,283	1,204	156	134	235	181	706	676	187	212
Job-market factors	919	820	112	96	187	121	538	504	105	99
Personal factors	364	383	44	38	49	60	166	171	82	112
Other reasons ¹	1,064	1,154	142	145	179	185	595	652	147	172
Men										
Total not in labor force	19,770	20,058	3,252	3,140	1,514	1,463	3,789	3,879	11,215	11,576
Do not want a job now	17,755	18,063	2,572	2,490	1,158	1,140	3,051	3,132	10,962	11,299
Current activity:										
Going to school	3,310	3,191	2,113	2,022	837	824	347	340	4	5
Ill, disabled	2,086	2,034	19	14	51	50	1,060	1,074	955	897
Keeping house	361	372	8	23	12	14	116	126	224	208
Retired	9,595	9,985	-	-	-	-	311	303	9,284	9,681
Other activity	2,403	2,481	432	431	258	252	1,217	1,289	495	508
Want a job now	2,015	1,996	679	650	355	323	738	745	253	277
Reason for not looking:										
School attendance	782	704	516	496	167	131	105	73	2	4
Ill health, disability	375	368	10	10	23	35	257	246	86	75
Think cannot get a job	489	505	82	71	104	88	218	238	85	108
Other reasons ¹	369	419	71	73	61	69	158	188	80	90
Women										
Total not in labor force	43,068	42,686	3,539	3,464	3,128	2,916	18,071	17,685	18,330	18,622
Do not want a job now	39,013	38,749	2,841	2,795	2,400	2,269	15,740	15,391	18,032	18,293
Current activity:										
Going to school	3,227	3,097	2,024	1,972	738	689	453	424	14	13
Ill, disabled	1,909	1,880	13	14	53	42	821	809	1,020	1,013
Keeping house	27,690	26,764	358	364	1,385	1,291	13,261	12,870	12,687	12,239
Retired	4,179	4,872	-	-	-	-	70	76	4,108	4,796
Other activity	2,008	2,136	446	445	224	247	1,135	1,212	203	232
Want a job now	4,055	3,937	698	671	728	647	2,331	2,291	298	327
Reason not looking:										
School attendance	762	751	460	465	164	132	136	150	1	3
Ill health, disability	426	435	10	8	35	34	291	292	91	102
Home responsibilities	1,378	1,317	82	62	280	272	979	947	37	36
Think cannot get a job	794	699	74	64	131	93	487	438	102	104
Other reasons	695	735	72	72	118	116	438	464	67	82

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

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

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

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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			
	1984	1985	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			1984	1985	1984	1985	1984	1985	1984	1985	1984	1985
WHITE												
Total not in labor force	53,855	53,753	8,765	8,441	18,447	18,133	26,643	27,178	16,661	16,901	37,193	36,852
Do not want a job now	49,505	49,399	7,088	6,830	16,222	15,888	26,197	26,678	15,198	15,430	34,307	33,969
Current activity:												
Going to school	5,089	4,909	4,480	4,328	592	563	16	16	2,588	2,494	2,501	2,415
Ill, disabled	3,225	3,150	106	94	1,480	1,489	1,639	1,569	1,701	1,648	1,524	1,502
Keeping house	25,190	24,238	1,460	1,373	11,914	11,485	11,817	11,379	291	275	24,899	23,963
Retired	12,429	13,389	-	-	342	341	12,089	13,048	8,707	9,050	3,722	4,339
Other activity	3,572	3,713	1,042	1,035	1,894	2,010	636	666	1,911	1,963	1,661	1,750
Want a job now	4,348	4,357	1,676	1,613	2,227	2,240	447	502	1,462	1,472	2,886	2,885
Reason for not looking:												
School attendance	1,086	1,028	925	872	160	152	3	5	563	530	523	498
Ill health, disability	575	576	56	56	395	381	124	138	285	277	290	299
Home responsibilities	1,016	999	233	235	747	732	36	32	-	-	1,016	999
Think cannot get a job	823	810	220	193	453	444	152	171	318	327	505	483
Other reasons ¹	848	944	242	257	472	531	132	156	296	338	552	606
BLACK												
Total not in labor force	7,315	7,299	2,190	2,067	2,628	2,661	2,497	2,572	2,528	2,570	4,787	4,729
Do not want a job now	5,807	5,926	1,494	1,457	1,911	1,979	2,406	2,488	2,057	2,129	3,751	3,796
Current activity:												
Going to school	1,058	1,001	949	895	109	104	2	1	495	487	563	513
Ill, disabled	704	687	28	22	362	351	315	313	354	346	351	341
Keeping house	2,222	2,255	253	266	1,040	1,075	929	914	60	86	2,162	2,169
Retired	1,141	1,227	-	-	31	30	1,110	1,197	745	779	396	448
Other activity	681	756	264	274	369	419	50	63	403	431	279	325
Want a job now	1,509	1,373	698	607	719	679	92	85	471	441	1,037	933
Reason for not looking:												
School attendance	387	366	328	312	59	53	-	2	181	141	206	226
Ill health, disability	207	215	19	32	139	146	48	37	77	85	129	130
Home responsibilities	317	277	120	89	195	183	2	4	-	-	317	277
Think cannot get a job	414	348	159	110	226	206	29	32	152	152	262	196
Other reasons ¹	184	167	72	64	99	91	13	10	61	63	123	104
HISPANIC ORIGIN												
Total not in labor force	3,917	4,080	1,122	1,151	1,876	1,924	918	1,004	1,057	1,106	2,859	2,973
Do not want a job now	(²)	3,549	(²)	910	(²)	1,659	(²)	982	(²)	928	(²)	2,621
Current activity:												
Going to school	(²)	563	(²)	502	(²)	62	(²)	-	(²)	272	(²)	292
Ill, disabled	(²)	302	(²)	19	(²)	177	(²)	106	(²)	154	(²)	148
Keeping house	(²)	1,953	(²)	278	(²)	1,252	(²)	422	(²)	34	(²)	1,918
Retired	(²)	430	(²)	-	(²)	10	(²)	421	(²)	287	(²)	143
Other activity	(²)	301	(²)	111	(²)	158	(²)	33	(²)	181	(²)	120
Want a job now	(²)	530	(²)	241	(²)	265	(²)	24	(²)	178	(²)	351
Reason for not looking:												
School attendance	(²)	131	(²)	112	(²)	18	(²)	-	(²)	58	(²)	73
Ill health, disability	(²)	59	(²)	12	(²)	43	(²)	4	(²)	33	(²)	26
Home responsibilities	(²)	144	(²)	51	(²)	94	(²)	-	(²)	-	(²)	144
Think cannot get a job	(²)	116	(²)	34	(²)	67	(²)	15	(²)	52	(²)	63
Other reasons ¹	(²)	80	(²)	32	(²)	43	(²)	5	(²)	35	(²)	45

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

² Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised not-in-labor

force data by reason are not available for 1984.

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.

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	1985							
	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 ¹
TOTAL								
Personal factors:								
Employers think too young or old	146	16	1	32	97	121	22	9
Lacks education or training	147	16	36	87	6	98	36	20
Other personal handicap	90	6	23	52	9	66	23	9
Job-market factors:								
Could not find work	483	69	83	289	43	282	187	53
Thinks no job available	337	27	38	215	56	241	79	25
Men								
Personal factors:								
Employers think too young or old	76	9	1	15	50	63	12	7
Lacks education or training	46	10	16	19	1	25	15	6
Other personal handicap	35	3	9	20	3	25	10	5
Job-market factors:								
Could not find work	216	34	43	116	24	120	87	23
Thinks no job available	131	15	18	68	29	94	29	12
Women								
Personal factors:								
Employers think too young or old	70	7	-	16	46	58	10	2
Lacks education or training	100	7	19	68	5	73	21	14
Other personal handicap	55	3	14	32	6	41	13	4
Job-market factors:								
Could not find work	268	34	40	174	20	162	101	30
Thinks no job available	206	12	19	147	27	147	50	13

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates and are not comparable to previously published data.

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

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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			
	1984	1985	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			1984	1985	1984	1985	1984	1985	1984	1985	1984	1985
TOTAL												
Do not intend to seek work	53,070	53,251	6,143	6,001	17,916	17,601	29,010	29,650	46,320	46,297	5,435	5,617
Intend to seek work in the next 12 months	9,766	9,490	5,288	4,981	3,943	3,964	534	545	7,533	7,453	1,881	1,682
Never worked	1,959	1,796	1,788	1,631	166	161	7	4	1,306	1,212	553	477
Last worked over 5 years ago	1,259	1,279	84	75	1,019	1,046	156	158	925	947	307	292
Last worked 1 to 5 years ago	2,355	2,097	777	621	1,366	1,276	212	200	1,766	1,636	496	385
Worked during previous 12 months	4,192	4,318	2,641	2,656	1,392	1,480	160	183	3,535	3,660	524	527
Men												
Do not intend to seek work	16,209	16,611	2,354	2,342	2,898	2,966	10,958	11,303	13,883	14,175	1,890	2,006
Intend to seek work in the next 12 months	3,560	3,446	2,411	2,259	891	914	258	272	2,778	2,725	638	564
Never worked	838	797	809	760	28	35	-	1	579	551	224	197
Last worked over 5 years ago	212	229	20	14	134	152	59	64	138	149	62	63
Last worked 1 to 5 years ago	711	613	257	201	338	310	113	103	527	482	143	102
Worked during previous 12 months	1,799	1,807	1,325	1,285	387	418	85	105	1,534	1,544	209	202
Women												
Do not intend to seek work	36,861	36,640	3,791	3,658	15,017	14,635	18,053	18,348	32,437	32,122	3,545	3,611
Intend to seek work in the next 12 months	6,206	6,044	2,877	2,721	3,053	3,050	277	273	4,755	4,728	1,242	1,118
Never worked	1,121	999	979	869	138	126	6	2	727	661	329	280
Last worked over 5 years ago	1,047	1,050	64	61	885	894	97	95	787	798	245	229
Last worked 1 to 5 years ago	1,644	1,484	520	420	1,027	966	98	97	1,239	1,154	353	283
Worked during previous 12 months	2,394	2,512	1,315	1,370	1,004	1,062	75	79	2,001	2,116	315	325

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 ¹	
	1984	1985	1984	1985	1984	1985	1984	1985
TOTAL								
Civilian noninstitutional population	176,383	178,206	152,347	153,679	19,348	19,664	11,164	11,528
Civilian labor force	113,544	115,461	98,492	99,926	12,033	12,364	7,247	7,448
Percent of population	64.4	64.8	64.6	65.0	62.2	62.9	64.9	64.6
Employed	105,005	107,150	92,120	93,736	10,119	10,501	6,469	6,664
Agriculture	3,321	3,179	3,057	2,936	196	189	332	292
Nonagricultural industries	101,685	103,971	89,063	90,799	9,923	10,312	6,137	6,372
Unemployed	8,539	8,312	6,372	6,191	1,914	1,864	778	785
Unemployment rate	7.5	7.2	6.5	6.2	15.9	15.1	10.7	10.5
Not in labor force	62,839	62,744	53,855	53,753	7,315	7,299	3,917	4,080
Men, 16 years and over								
Civilian noninstitutional population	83,605	84,469	72,723	73,373	8,654	8,790	5,471	5,653
Civilian labor force	63,835	64,411	56,062	56,472	6,126	6,220	4,414	4,546
Percent of population	76.4	76.3	77.1	77.0	70.8	70.8	80.7	80.4
Employed	59,091	59,891	52,462	53,046	5,124	5,270	3,950	4,081
Agriculture	2,668	2,535	2,437	2,325	174	167	288	255
Nonagricultural industries	56,423	57,356	50,025	50,720	4,950	5,103	3,662	3,827
Unemployed	4,744	4,521	3,600	3,426	1,003	951	464	465
Unemployment rate	7.4	7.0	6.4	6.1	16.4	15.3	10.5	10.2
Not in labor force	19,771	20,058	16,661	16,901	2,528	2,570	1,057	1,106
Men, 20 years and over								
Civilian noninstitutional population	76,219	77,195	66,610	67,386	7,599	7,731	4,854	5,036
Civilian labor force	59,701	60,277	52,453	52,895	5,686	5,749	4,090	4,232
Percent of population	78.3	78.1	78.7	78.5	74.8	74.4	84.3	84.0
Employed	55,769	56,562	49,461	50,061	4,871	4,992	3,708	3,845
Agriculture	2,418	2,278	2,201	2,085	161	154	264	231
Nonagricultural industries	53,351	54,284	47,260	47,976	4,710	4,837	3,444	3,613
Unemployed	3,932	3,715	2,992	2,834	815	757	382	387
Unemployment rate	6.6	6.2	5.7	5.4	14.3	13.2	9.3	9.1
Not in labor force	16,518	16,918	14,157	14,490	1,913	1,982	764	804
Women, 16 years and over								
Civilian noninstitutional population	92,778	93,736	79,624	80,306	10,694	10,873	5,692	5,875
Civilian labor force	49,709	51,050	42,431	43,455	5,907	6,144	2,833	2,902
Percent of population	53.6	54.5	53.3	54.1	55.2	56.5	49.8	49.4
Employed	45,915	47,259	39,659	40,690	4,995	5,231	2,519	2,582
Agriculture	653	644	620	611	22	22	45	37
Nonagricultural industries	45,262	46,615	39,038	40,079	4,973	5,209	2,475	2,545
Unemployed	3,794	3,791	2,772	2,765	911	913	314	320
Unemployment rate	7.6	7.4	6.5	6.4	15.4	14.9	11.1	11.0
Not in labor force	43,068	42,686	37,193	36,852	4,787	4,729	2,859	2,973
Women, 20 years and over								
Civilian noninstitutional population	85,429	86,506	73,590	74,394	9,588	9,773	5,076	5,258
Civilian labor force	45,900	47,283	39,087	40,190	5,520	5,727	2,572	2,667
Percent of population	53.7	54.7	53.1	54.0	57.6	58.6	50.7	50.7
Employed	42,793	44,154	36,823	37,907	4,773	4,977	2,317	2,403
Agriculture	595	596	564	566	21	19	36	31
Nonagricultural industries	42,198	43,558	36,259	37,341	4,752	4,959	2,281	2,373
Unemployed	3,107	3,129	2,264	2,283	747	750	254	264
Unemployment rate	6.8	6.6	5.8	5.7	13.5	13.1	9.9	9.9
Not in labor force	39,529	39,222	34,503	34,204	4,069	4,046	2,505	2,591
Both sexes, 16 to 19 years								
Civilian noninstitutional population	14,735	14,506	12,147	11,900	2,161	2,160	1,233	1,234
Civilian labor force	7,943	7,901	6,952	6,841	827	889	585	549
Percent of population	53.9	54.5	57.2	57.5	38.3	41.2	47.4	44.5
Employed	6,444	6,434	5,836	5,768	474	532	444	416
Agriculture	309	305	292	285	13	16	32	30
Nonagricultural industries	6,135	6,129	5,544	5,483	460	516	412	386
Unemployed	1,499	1,468	1,116	1,074	353	357	142	134
Unemployment rate	18.9	18.6	16.0	15.7	42.7	40.2	24.2	24.3
Not in labor force	6,791	6,604	5,195	5,058	1,334	1,271	648	684

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have been revised and are not comparable to previously published data.

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

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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	
	1984	1985	1984	1985	1984	1985	1984	1985
TOTAL								
Civilian noninstitutional population	11,164	11,528	6,610	6,670	1,534	1,594	819	831
Civilian labor force	7,247	7,448	4,403	4,469	814	835	551	550
Percent of population	64.9	64.6	66.6	67.0	53.1	52.4	67.3	66.2
Employed	6,469	6,664	3,921	3,983	705	719	507	510
Agriculture	332	292	302	262	5	7	7	5
Nonagricultural industries	6,137	6,372	3,619	3,721	700	712	500	505
Unemployed	778	785	482	487	110	116	43	40
Unemployment rate	10.7	10.5	10.9	10.9	13.5	13.9	7.9	7.3
Not in labor force	3,917	4,080	2,207	2,201	720	759	269	280
Men, 16 years and over								
Civilian noninstitutional population	5,471	5,653	3,369	3,394	673	706	393	415
Civilian labor force	4,414	4,546	2,764	2,817	490	496	315	321
Percent of population	80.7	80.4	82.0	83.0	72.8	70.3	80.2	77.3
Employed	3,950	4,081	2,463	2,522	429	432	288	297
Agriculture	288	255	263	227	4	6	6	5
Nonagricultural industries	3,662	3,827	2,200	2,294	425	425	282	291
Unemployed	464	465	301	296	61	64	27	24
Unemployment rate	10.5	10.2	10.9	10.5	12.5	13.0	8.6	7.5
Not in labor force	1,057	1,106	605	576	182	210	78	94
Men, 20 years and over								
Civilian noninstitutional population	4,854	5,036	2,972	3,008	578	614	364	389
Civilian labor force	4,090	4,232	2,545	2,601	454	459	298	311
Percent of population	84.3	84.0	85.6	86.5	78.5	74.8	81.9	79.9
Employed	3,708	3,845	2,300	2,354	406	408	274	289
Agriculture	264	231	240	206	4	5	6	5
Nonagricultural industries	3,444	3,613	2,059	2,149	402	403	268	283
Unemployed	382	387	245	247	48	50	25	22
Unemployment rate	9.3	9.1	9.6	9.5	10.6	11.0	8.3	7.1
Not in labor force	764	804	427	407	124	155	66	78
Women, 16 years and over								
Civilian noninstitutional population	5,692	5,875	3,241	3,276	862	888	426	415
Civilian labor force	2,833	2,902	1,640	1,652	324	339	236	229
Percent of population	49.8	49.4	50.6	50.4	37.6	38.2	55.4	55.2
Employed	2,519	2,582	1,459	1,461	276	287	219	213
Agriculture	45	37	39	35	1	-	1	-
Nonagricultural industries	2,475	2,545	1,419	1,426	275	287	218	213
Unemployed	314	320	181	191	49	52	16	16
Unemployment rate	11.1	11.0	11.1	11.6	15.0	15.2	6.9	7.0
Not in labor force	2,859	2,973	1,601	1,624	538	550	190	186
Women, 20 years and over								
Civilian noninstitutional population	5,076	5,258	2,864	2,890	767	791	398	396
Civilian labor force	2,572	2,667	1,475	1,498	293	307	220	219
Percent of population	50.7	50.7	51.5	51.8	38.2	38.8	55.3	55.3
Employed	2,317	2,403	1,331	1,345	255	264	206	205
Agriculture	36	31	33	28	1	-	1	-
Nonagricultural industries	2,281	2,373	1,298	1,317	255	264	204	205
Unemployed	254	264	145	152	38	42	14	14
Unemployment rate	9.9	9.9	9.8	10.2	13.0	13.8	6.3	6.6
Not in labor force	2,504	2,591	1,389	1,392	473	484	178	176
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,233	1,234	774	772	190	190	57	46
Civilian labor force	585	549	383	370	67	69	33	20
Percent of population	47.4	44.5	49.5	47.9	35.3	36.3	57.9	43.5
Employed	444	416	291	283	44	46	28	17
Agriculture	32	30	29	28	-	1	-	-
Nonagricultural industries	412	386	262	254	44	45	28	17
Unemployed	142	134	92	87	24	23	5	4
Unemployment rate	24.2	24.3	24.0	23.6	35.0	33.4	(²)	(²)
Not in labor force	648	684	391	402	123	121	25	25

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

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

NOTE: Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates and are not comparable to previously published data.

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

(In thousands)

Category	Total		White		Black		Hispanic origin ¹	
	1984	1985	1984	1985	1984	1985	1984	1985
CHARACTERISTIC								
Total (all civilian workers)	105,005	107,150	92,120	93,736	10,119	10,501	6,469	6,664
Men	59,091	59,891	52,462	53,046	5,124	5,270	3,950	4,081
Women	45,915	47,259	39,659	40,690	4,995	5,231	2,519	2,582
OCCUPATION								
Managerial and professional specialty	24,858	25,851	22,702	23,561	1,422	1,514	775	843
Executive, administrative, and managerial	11,571	12,221	10,704	11,256	582	649	406	428
Professional specialty	13,286	13,630	11,998	12,305	840	865	369	415
Technical, sales, and administrative support	32,476	33,231	29,082	29,553	2,592	2,785	1,631	1,650
Technicians and related support	3,172	3,255	2,783	2,823	262	291	138	130
Sales occupations	12,582	12,667	11,673	11,669	627	696	568	556
Administrative support, including clerical	16,722	17,309	14,626	15,061	1,703	1,798	925	963
Service occupations	14,151	14,441	11,214	11,432	2,478	2,522	1,142	1,172
Private household	993	1,006	667	692	301	291	104	98
Protective service	1,678	1,718	1,395	1,428	252	259	83	100
Service, except private household and protective	11,481	11,718	9,152	9,312	1,925	1,972	955	973
Precision production, craft, and repair	13,057	13,340	11,844	12,107	939	946	941	992
Mechanics and repairers	4,376	4,475	3,984	4,073	305	308	286	295
Construction trades	4,573	4,745	4,187	4,359	317	317	312	329
Other precision production, craft, and repair	4,108	4,120	3,673	3,675	317	321	344	369
Operators, fabricators, and laborers	16,864	16,816	14,036	13,951	2,411	2,465	1,610	1,681
Machine operators, assemblers, and inspectors	7,984	7,840	6,600	6,483	1,132	1,120	864	913
Transportation and material moving occupations	4,467	4,535	3,782	3,849	625	620	296	317
Handlers, equipment cleaners, helpers, and laborers	4,413	4,441	3,655	3,618	654	725	450	451
Construction laborers	668	686	554	562	105	114	83	89
Other handlers, equipment cleaners, helpers, and laborers	3,745	3,755	3,101	3,056	550	610	368	362
Farming, forestry, and fishing	3,600	3,470	3,242	3,132	277	269	371	326
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,555	1,535	1,358	1,355	165	151	300	259
Self-employed workers	1,553	1,458	1,491	1,400	29	36	31	32
Unpaid family workers	213	185	208	181	3	2	1	1
Nonagricultural industries:								
Wage and salary workers	93,565	95,871	81,505	83,274	9,583	9,965	5,792	6,031
Government	15,770	16,031	13,028	13,247	2,309	2,325	776	830
Private industries	77,794	79,841	68,477	70,026	7,273	7,640	5,016	5,200
Private households	1,238	1,249	854	869	353	349	127	111
Other industries	76,556	78,592	67,623	69,158	6,920	7,291	4,890	5,090
Self-employed workers	7,785	7,811	7,245	7,259	336	343	329	328
Unpaid family workers	335	289	313	267	4	3	16	13
FULL- AND PART-TIME STATUS²								
Full-time schedules	84,831	86,795	74,323	75,812	8,225	8,579	5,337	5,552
Part time for economic reasons	5,743	5,590	4,663	4,532	926	916	487	485
Part time for noneconomic reasons	14,431	14,764	13,135	13,392	968	1,006	645	626

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have been revised and are not comparable to previously published data.

² Employed persons "with a job but not at work" are distributed

according to whether they usually work full or part time.

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

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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	
	1984	1985	1984	1985	1984	1985	1984	1985
CHARACTERISTIC								
Total (all civilian workers)	6,469	6,664	3,921	3,983	705	719	507	510
Men	3,950	4,081	2,463	2,522	429	432	288	297
Women	2,519	2,582	1,459	1,461	276	287	219	213
OCCUPATION								
Managerial and professional specialty	775	843	356	395	100	105	99	91
Executive, administrative, and managerial	406	428	201	207	51	51	47	46
Professional specialty	369	415	154	189	49	53	51	45
Technical, sales, and administrative support	1,631	1,650	908	916	213	198	151	155
Technicians and related support	138	130	84	73	16	18	6	9
Sales occupations	568	556	327	317	56	52	58	54
Administrative support, including clerical	925	963	497	526	140	128	87	92
Service occupations	1,142	1,172	661	667	136	137	63	62
Private household	104	98	56	47	4	3	2	2
Protective service	83	100	45	53	16	21	6	4
Service, except private household and protective	955	973	560	567	116	113	55	56
Precision production, craft, and repair	941	992	624	654	69	79	72	85
Mechanics and repairers	286	295	180	195	27	23	25	21
Construction trades	312	329	224	229	18	22	20	25
Other precision production, craft, and repair	344	369	220	230	25	35	28	38
Operators, fabricators, and laborers	1,610	1,681	1,040	1,062	178	191	117	113
Machine operators, assemblers, and inspectors	864	913	532	541	110	111	65	65
Transportation and material moving occupations	296	317	189	209	36	35	21	22
Handlers, equipment cleaners, helpers, and laborers	450	451	319	312	32	45	31	26
Construction laborers	83	89	70	73	1	3	3	4
Other handlers, equipment cleaners, helpers, and laborers	368	362	249	239	31	42	28	22
Farming, forestry, and fishing	371	326	332	288	9	10	6	5
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	300	259	282	239	5	6	4	2
Self-employed workers	31	32	20	23	-	-	3	3
Unpaid family workers	1	1	1	-	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	5,792	6,031	3,421	3,525	679	692	457	459
Government	776	830	478	501	106	117	32	39
Private industries	5,016	5,200	2,943	3,024	573	575	425	420
Private households	127	111	72	56	5	3	2	2
Other industries	4,890	5,090	2,871	2,968	568	572	423	418
Self-employed workers	329	328	188	186	20	20	41	46
Unpaid family workers	16	13	10	10	1	1	2	1
FULL- AND PART-TIME STATUS²								
Full-time schedules	5,337	5,552	3,202	3,285	605	615	426	443
Part time for economic reasons	487	485	351	345	39	32	22	22
Part time for noneconomic reasons	645	626	369	352	61	72	59	46

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

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

NOTE: Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have been revised and are not comparable to previously published data.

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

(In thousands)

Sex and age	Total		White		Black		Hispanic origin ¹	
	1984	1985	1984	1985	1984	1985	1984	1985
Total, 16 years and over	105,005	107,150	92,120	93,736	10,119	10,501	6,469	6,664
16 to 19 years	6,444	6,434	5,836	5,768	474	532	444	416
16 to 17 years	2,404	2,492	2,209	2,270	146	175	143	144
18 to 19 years	4,040	3,941	3,627	3,498	328	356	301	271
20 to 24 years	14,207	13,980	12,451	12,235	1,423	1,399	1,078	1,107
25 years and over	84,354	86,736	73,832	75,733	8,222	8,571	4,948	5,140
25 to 54 years	70,125	72,449	61,026	62,956	7,067	7,350	4,393	4,577
55 years and over	14,230	14,287	12,805	12,776	1,154	1,220	555	564
Men, 16 years and over	59,091	59,891	52,462	53,046	5,124	5,270	3,950	4,081
16 to 19 years	3,322	3,328	3,001	2,985	252	278	242	237
16 to 17 years	1,244	1,300	1,140	1,185	79	92	74	82
18 to 19 years	2,078	2,029	1,861	1,800	173	186	168	155
20 to 24 years	7,571	7,339	6,647	6,428	750	726	662	681
25 years and over	48,198	49,223	42,813	43,633	4,122	4,266	3,046	3,165
25 to 54 years	39,801	40,775	35,140	35,963	3,553	3,650	2,708	2,810
55 years and over	8,397	8,448	7,672	7,670	568	615	337	355
Women, 16 years and over	45,915	47,259	39,659	40,690	4,995	5,231	2,519	2,582
16 to 19 years	3,122	3,105	2,835	2,783	222	254	202	179
16 to 17 years	1,161	1,193	1,069	1,085	67	83	68	62
18 to 19 years	1,962	1,913	1,766	1,698	155	171	133	117
20 to 24 years	6,636	6,640	5,804	5,807	673	673	416	427
25 years and over	36,156	37,513	31,019	32,100	4,100	4,305	1,902	1,977
25 to 54 years	30,324	31,674	25,886	26,993	3,514	3,700	1,683	1,767
55 years and over	5,833	5,839	5,133	5,106	586	605	218	210

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have been revised and are not comparable to previously published data.

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

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

(Civilian workers)

Sex and age	Total		White		Black		Hispanic origin ¹	
	1984	1985	1984	1985	1984	1985	1984	1985
Total, 16 years and over	7.5	7.2	6.5	6.2	15.9	15.1	10.7	10.5
16 to 19 years	18.9	18.6	16.0	15.7	42.7	40.2	24.2	24.3
16 to 17 years	21.2	21.0	18.8	18.3	45.7	43.6	29.0	27.7
18 to 19 years	17.4	17.0	14.3	13.9	41.2	38.3	21.7	22.4
20 to 24 years	11.5	11.1	9.3	9.2	26.1	24.5	12.5	12.7
25 years and over	5.8	5.6	5.1	4.9	11.4	10.9	8.9	8.7
25 to 54 years	6.1	5.8	5.3	5.1	12.1	11.5	8.8	8.8
55 years and over	4.5	4.1	4.2	3.8	7.2	7.0	9.3	8.0
Men, 16 years and over	7.4	7.0	6.4	6.1	16.4	15.3	10.5	10.2
16 to 19 years	19.6	19.5	16.8	16.5	42.7	41.0	25.3	24.7
16 to 17 years	21.9	21.9	19.7	19.2	44.0	42.9	31.4	29.0
18 to 19 years	18.3	17.9	15.0	14.7	42.2	40.0	22.2	22.2
20 to 24 years	11.9	11.4	9.8	9.7	26.6	23.5	12.7	13.0
25 years and over	5.7	5.3	5.0	4.7	11.6	11.1	8.6	8.3
25 to 54 years	5.9	5.6	5.2	4.9	12.1	11.6	8.4	8.4
55 years and over	4.6	4.1	4.3	3.8	8.7	8.1	10.1	7.6
Women, 16 years and over	7.6	7.4	6.5	6.4	15.4	14.9	11.1	11.0
16 to 19 years	18.0	17.6	15.2	14.8	42.6	39.2	22.8	23.8
16 to 17 years	20.4	20.0	17.8	17.2	47.5	44.3	26.3	26.0
18 to 19 years	16.6	16.0	13.6	13.1	40.2	36.4	21.0	22.7
20 to 24 years	10.9	10.7	8.8	8.5	25.6	25.6	12.3	12.1
25 years and over	6.0	5.9	5.2	5.1	11.2	10.7	9.3	9.4
25 to 54 years	6.3	6.2	5.5	5.4	12.0	11.5	9.5	9.4
55 years and over	4.2	4.1	4.0	3.9	5.6	5.9	8.0	9.1

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have

been revised and are not comparable to previously published data.

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

(Numbers in thousands)

Weeks of unemployment	Total		White		Black		Hispanic origin ¹	
	1984	1985	1984	1985	1984	1985	1984	1985
DURATION								
Total, 16 years and over	8,539	8,312	6,372	6,191	1,914	1,864	1,556	1,570
Less than 5 weeks	3,350	3,498	2,560	2,676	680	713	342	347
5 to 14 weeks	2,451	2,509	1,831	1,869	549	561	230	245
15 weeks and over	2,737	2,305	1,980	1,646	685	589	205	192
15 to 26 weeks	1,104	1,025	831	748	239	247	103	97
27 weeks and over	1,634	1,280	1,150	898	446	342	103	95
Average (mean) duration, in weeks	18.2	15.6	17.5	15.0	20.8	17.6	14.0	13.3
Median duration, in weeks	7.9	6.8	7.6	6.6	8.1	7.0	7.0	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	39.2	42.1	40.2	43.2	35.5	38.3	44.0	44.3
5 to 14 weeks	28.7	30.2	28.7	30.2	28.7	30.1	29.6	31.2
15 weeks and over	32.1	27.7	31.1	26.6	35.8	31.6	26.0	24.5
15 to 26 weeks	12.9	12.3	13.0	12.1	12.5	13.3	13.2	12.4
27 weeks and over	19.1	15.4	18.0	14.5	23.3	18.4	13.0	12.1

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have been revised and are not comparable to previously published data.

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

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

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin ¹	
	1984	1985	1984	1985	1984	1985	1984	1985
NUMBER OF UNEMPLOYED								
Total, 16 years and over	8,539	8,312	6,372	6,191	1,914	1,864	1,556	1,570
Job losers	4,421	4,139	3,406	3,146	902	890	439	438
On layoff	1,171	1,157	1,002	984	147	151	101	98
Other job losers	3,250	2,982	2,404	2,162	754	739	339	340
Job leavers	823	877	680	727	115	110	66	78
Reentrants	2,184	2,256	1,566	1,635	545	546	167	167
New entrants	1,110	1,039	719	682	353	317	106	101
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	51.8	49.8	53.4	50.8	47.1	47.8	56.4	55.9
On layoff	13.7	13.9	15.7	15.9	7.7	8.1	13.0	12.5
Other job losers	38.1	35.9	37.7	34.9	39.4	39.6	43.5	43.4
Job leavers	9.6	10.6	10.7	11.7	6.0	5.9	8.5	9.9
Reentrants	25.6	27.1	24.6	26.4	28.5	29.3	21.4	21.3
New entrants	13.0	12.5	11.3	11.0	18.4	17.0	13.6	12.9
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	3.9	3.6	3.4	3.2	7.5	7.2	6.1	5.9
Job leavers .....	.7	.8	.7	.7	1.0	.9	.9	1.0
Reentrants	1.9	2.0	1.6	1.6	4.5	4.4	2.3	2.2
New entrants	1.0	.9	.7	.7	2.9	2.6	1.5	1.4

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Data for 1984 have been revised and are not comparable to previously published data.

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

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							
	1984	1985	Total		Employed		Unemployed			
			1984	1985	1984	1985	Number		Percent of labor force	
							1984	1985	1984	1985
VIETNAM-ERA VETERANS										
Total, 30 years and over	7,440	7,641	6,978	7,154	6,586	6,785	392	369	5.6	5.2
30 to 44 years	6,440	6,499	6,204	6,259	5,847	5,923	357	336	5.8	5.4
30 to 34 years	1,729	1,382	1,654	1,327	1,529	1,231	125	96	7.6	7.2
35 to 39 years	3,291	3,345	3,183	3,229	3,012	3,057	171	172	5.4	5.3
40 to 44 years	1,420	1,772	1,367	1,703	1,306	1,635	61	68	4.5	4.0
45 years and over	1,000	1,142	774	895	739	862	35	33	4.5	3.7
NONVETERANS										
Total, 30 to 44 years	16,242	17,238	15,400	16,337	14,549	15,474	851	863	5.5	5.3
30 to 34 years	7,396	7,946	7,026	7,579	6,611	7,144	415	435	5.9	5.7
35 to 39 years	4,753	4,977	4,507	4,703	4,254	4,477	253	226	5.6	4.8
40 to 44 years	4,093	4,315	3,867	4,055	3,684	3,853	183	202	4.7	5.0

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 30 to 44 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population. Data for 25- to 29-year-old veterans are no longer shown in this table because the group is rapidly disappearing (into the 30-34 age category) and the numbers remaining for some labor force categories are not

large enough to warrant their continued publication. 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 the 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.

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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	
	1984	1985	1984	1985	1984	1985	1984	1985	1984	1985	1984	1985
TOTAL, 30 to 44 years												
Civilian noninstitutional population	5,746	5,795	597	598	(¹)	269	13,898	14,821	1,705	1,776	(¹)	1,441
Civilian labor force	5,563	5,601	553	563	(¹)	254	13,312	14,194	1,512	1,561	(¹)	1,331
Employed	5,273	5,331	491	513	(¹)	236	12,674	13,542	1,338	1,386	(¹)	1,223
Unemployed	290	271	62	51	(¹)	18	636	652	176	176	(¹)	11.3
Unemployment rate	5.2	4.8	11.2	9.1	(¹)	7.1	4.8	4.6	11.6	11.3	(¹)	8.5
30 to 34 years												
Civilian noninstitutional population	1,511	1,197	193	162	(¹)	68	6,353	6,868	769	810	(¹)	621
Civilian labor force	1,453	1,156	179	151	(¹)	62	6,101	6,625	683	714	(¹)	583
Employed	1,355	1,083	155	132	(¹)	55	5,790	6,295	597	626	(¹)	530
Unemployed	98	73	24	18	(¹)	7	310	330	88	88	(¹)	53
Unemployment rate	6.7	6.3	13.4	11.9	(¹)	11.3	5.1	5.0	12.9	12.3	(¹)	9.1
35 to 39 years												
Civilian noninstitutional population	2,958	2,993	282	299	(¹)	138	4,044	4,271	496	495	(¹)	464
Civilian labor force	2,876	2,896	261	285	(¹)	132	3,870	4,068	444	440	(¹)	428
Employed	2,735	2,757	232	261	(¹)	123	3,685	3,902	390	393	(¹)	391
Unemployed	141	140	29	25	(¹)	9	185	167	55	48	(¹)	37
Unemployment rate	4.9	4.8	11.1	8.8	(¹)	6.8	4.8	4.1	12.4	10.9	(¹)	8.6
40 to 44 years												
Civilian noninstitutional population	1,277	1,605	122	137	(¹)	63	3,501	3,682	440	471	(¹)	356
Civilian labor force	1,234	1,549	113	127	(¹)	60	3,341	3,501	385	407	(¹)	325
Employed	1,183	1,491	104	120	(¹)	58	3,199	3,345	351	367	(¹)	302
Unemployed	51	58	9	8	(¹)	2	141	155	33	40	(¹)	23
Unemployment rate	4.1	3.7	8.0	6.3	(¹)	3.3	4.2	4.4	8.6	9.8	(¹)	7.1

¹ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised not-in-labor force data by reason are not available for 1984.

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 30 to 44 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population. Data for 25- to 29-year-old veterans are no longer shown in this table because the group is rapidly disappearing (into the 30-34 age category) and the numbers remaining for some labor force categories are not large enough to

warrant their continued publication. 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 the 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. 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	1984					1985				
	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	61,882	6,370	30.0	70.0	60.6	62,508	6,244	29.9	70.1	61.0
With children under 18 years of age	30,953	3,805	31.5	68.5	58.6	31,158	3,751	31.7	68.3	59.0
Married-couple families	49,737	4,544	21.9	78.1	68.8	49,991	4,380	21.0	79.0	70.1
With children under 18 years of age	24,130	2,786	20.6	79.4	69.4	24,080	2,676	19.7	80.3	70.9
Families maintained by women	9,897	1,496	52.2	47.8	37.4	10,122	1,530	52.4	47.6	37.5
With children under 18 years of age	5,987	906	62.1	37.9	28.1	6,147	947	62.0	38.0	28.4
Families maintained by men	2,247	330	40.0	60.0	53.0	2,395	335	43.1	56.9	48.8
With children under 18 years of age	837	113	55.8	44.2	37.2	931	128	57.8	42.2	35.9
White										
Total families	53,714	4,873	27.5	72.5	63.2	54,116	4,743	26.7	73.3	64.0
With children under 18 years of age	26,042	2,868	28.1	71.9	62.0	26,176	2,815	27.6	72.4	62.7
Married-couple families	45,166	3,817	22.2	77.8	68.6	45,290	3,665	20.9	79.1	70.1
With children under 18 years of age	21,502	2,310	20.9	79.1	69.3	21,425	2,214	19.6	80.4	70.8
Families maintained by women	6,779	830	48.6	51.4	41.1	6,927	844	48.2	51.8	41.2
With children under 18 years of age	3,880	477	58.7	41.3	30.8	4,011	509	57.2	42.8	32.4
Families maintained by men	1,769	226	38.8	61.2	53.7	1,899	235	41.3	58.7	50.2
With children under 18 years of age	661	81	54.3	45.7	38.3	740	92	56.5	43.5	37.0
Black										
Total families	6,673	1,315	39.1	60.9	51.0	6,827	1,311	40.9	59.1	50.4
With children under 18 years of age	3,964	817	43.1	56.9	47.1	4,009	807	45.8	54.2	46.2
Married-couple families	3,388	593	19.2	80.8	71.2	3,470	575	20.9	79.1	71.0
With children under 18 years of age	1,847	380	17.4	82.6	71.6	1,855	360	18.9	81.1	73.1
Families maintained by women	2,889	633	56.9	43.1	32.5	2,950	652	57.8	42.2	32.8
With children under 18 years of age	1,967	411	65.5	34.5	25.3	1,991	418	68.1	31.9	23.7
Families maintained by men	396	89	44.3	55.7	48.9	408	84	47.0	53.0	45.8
With children under 18 years of age	150	26	(¹)	(¹)	(¹)	164	29	(¹)	(¹)	(¹)
Hispanic origin										
Total families	(²)	(²)	(²)	(²)	(²)	3,979	583	34.6	65.4	56.3
With children under 18 years of age	(²)	(²)	(²)	(²)	(²)	2,641	401	36.7	63.3	53.9
Married-couple families	(²)	(²)	(²)	(²)	(²)	2,792	400	26.2	73.7	64.7
With children under 18 years of age	(²)	(²)	(²)	(²)	(²)	1,868	293	26.6	73.4	64.2
Families maintained by women	(²)	(²)	(²)	(²)	(²)	951	142	55.6	44.4	34.5
With children under 18 years of age	(²)	(²)	(²)	(²)	(²)	685	94	64.2	35.8	25.3
Families maintained by men	(²)	(²)	(²)	(²)	(²)	236	41	43.9	56.1	46.3
With children under 18 years of age	(²)	(²)	(²)	(²)	(²)	88	14	(¹)	(¹)	(¹)

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

² Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised data are not available for 1984.

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

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

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1984				1985			
	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	7,162	32.3	67.7	58.2	6,916	32.3	67.7	58.5
Husbands	1,747	43.1	56.9	42.5	1,613	42.1	57.9	43.6
With children under 18 years of age	1,116	45.3	54.7	38.5	1,015	45.6	54.4	38.5
Wives	1,441	17.9	82.1	74.8	1,432	17.7	82.3	75.4
With children under 18 years of age	937	16.2	83.8	76.3	925	15.2	84.8	77.6
Relatives in married-couple families	1,883	12.4	87.6	81.4	1,778	12.3	87.7	82.2
Women who maintain families	624	83.0	17.0	10.3	649	82.5	17.5	11.0
With children under 18 years of age	518	90.4	9.6	4.0	542	90.3	9.7	4.7
Relatives in families maintained by women	1,097	36.0	64.0	51.3	1,072	35.5	64.5	52.2
Men who maintain families	140	69.0	31.0	24.9	153	68.6	31.4	23.1
With children under 18 years of age	65	89.4	10.6	6.9	79	87.9	12.1	6.5
Relatives in families maintained by men	230	27.3	72.7	66.1	219	29.4	70.6	62.8
White								
Total unemployed in families ¹	5,338	30.0	70.0	60.7	5,141	29.3	70.7	61.4
Husbands	1,487	44.0	56.0	41.5	1,355	42.3	57.7	42.6
With children under 18 years of age	932	46.4	53.6	37.3	837	45.7	54.3	37.3
Wives	1,221	17.6	82.4	75.4	1,220	17.0	83.0	76.6
With children under 18 years of age	785	16.0	84.0	76.9	777	14.4	85.6	79.1
Relatives in married-couple families	1,483	12.1	87.9	82.1	1,408	11.7	88.3	82.6
Women who maintain families	331	79.2	20.8	13.0	350	77.5	22.5	14.5
With children under 18 years of age	261	89.0	11.0	3.9	280	87.7	12.3	5.6
Relatives in families maintained by women	569	33.4	66.6	55.2	556	32.1	67.9	55.7
Men who maintain families	99	66.7	33.3	26.9	107	67.6	32.4	23.1
With children under 18 years of age	47	89.4	10.6	6.7	56	87.3	12.7	5.4
Relatives in families maintained by men	148	24.5	75.5	68.8	145	26.3	73.7	65.9
Black								
Total unemployed in families ¹	1,614	40.1	59.9	49.6	1,563	42.2	57.8	49.3
Husbands	203	34.5	65.5	51.6	204	38.7	61.3	51.8
With children under 18 years of age	142	35.6	64.4	48.0	134	42.6	57.4	46.9
Wives	175	21.7	78.3	68.4	168	22.2	77.8	67.2
With children under 18 years of age	119	18.8	81.2	70.0	115	20.0	80.0	69.9
Relatives in married-couple families	346	13.9	86.1	78.3	310	14.5	85.5	80.7
Women who maintain families	279	87.2	12.7	7.3	285	89.0	11.0	6.7
With children under 18 years of age	246	91.7	8.3	4.3	249	93.7	6.3	3.5
Relatives in families maintained by women	505	39.0	61.0	46.8	496	39.6	60.4	48.3
Men who maintain families	33	(²)	(²)	(²)	36	71.6	28.4	21.1
With children under 18 years of age	14	(²)	(²)	(²)	17	(²)	(²)	(²)
Relatives in families maintained by men	72	34.8	65.2	58.6	65	36.5	63.5	55.1
Hispanic origin								
Total unemployed in families ¹	(³)	(³)	(³)	(³)	660	35.6	64.4	55.2
Husbands	(³)	(³)	(³)	(³)	167	50.2	49.8	38.9
With children under 18 years of age	(³)	(³)	(³)	(³)	127	53.7	46.3	35.5
Wives	(³)	(³)	(³)	(³)	123	17.6	82.4	75.1
With children under 18 years of age	(³)	(³)	(³)	(³)	90	16.9	83.1	75.9
Relatives in married-couple families	(³)	(³)	(³)	(³)	171	13.9	86.1	78.3
Women who maintain families	(³)	(³)	(³)	(³)	61	81.4	18.6	13.3
With children under 18 years of age	(³)	(³)	(³)	(³)	50	90.7	9.3	4.7
Relatives in families maintained by women	(³)	(³)	(³)	(³)	92	37.5	62.5	48.9
Men who maintain families	(³)	(³)	(³)	(³)	22	(³)	(³)	(³)
With children under 18 years of age	(³)	(³)	(³)	(³)	10	(³)	(³)	(³)
Relatives in families maintained by men	(³)	(³)	(³)	(³)	24	(³)	(³)	(³)

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

² Data not shown where base is less than 35,000.
³ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised data are not available for 1984.
 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.

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

(Numbers in thousands)

Family relationship, race, and Hispanic origin	1984				1985			
	Total	Percent of employed:			Total	Percent of employed:		
		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 employed in families ¹	86,767	24.6	75.4	64.0	87,937	24.0	76.0	64.7
Husbands	37,511	33.8	66.2	48.3	37,680	32.6	67.4	49.3
With children under 18 years of age	21,927	36.2	63.8	43.0	22,021	34.8	65.2	44.1
Wives	24,848	9.5	90.5	85.4	25,504	9.3	90.7	85.8
With children under 18 years of age	13,461	6.0	94.0	89.9	13,840	5.4	94.6	90.6
Relatives in married-couple families	12,013	6.4	93.6	89.4	11,933	6.6	93.4	89.2
Women who maintain families	5,397	63.2	36.8	24.1	5,540	62.5	37.5	24.9
With children under 18 years of age	3,548	78.9	21.1	9.9	3,647	78.0	22.0	10.8
Relatives in families maintained by women	4,188	24.9	75.1	64.4	4,323	24.4	75.6	65.2
Men who maintain families	1,558	52.9	47.1	34.7	1,680	54.3	45.7	34.6
With children under 18 years of age	694	77.8	22.2	11.5	766	79.9	20.1	10.0
Relatives in families maintained by men	1,252	18.2	81.8	74.5	1,277	18.4	81.6	74.9
White								
Total employed in families ¹	76,495	24.0	76.0	64.3	77,290	23.4	76.6	64.9
Husbands	34,171	34.2	65.8	47.2	34,270	33.1	66.9	48.3
With children under 18 years of age	19,711	36.9	63.1	41.3	19,764	35.5	64.5	42.4
Wives	22,272	9.0	91.0	85.9	22,811	8.9	91.1	86.2
With children under 18 years of age	11,837	5.5	94.5	90.6	12,188	5.0	95.0	91.2
Relatives in married-couple families	10,801	6.4	93.6	89.7	10,664	6.5	93.5	89.5
Women who maintain families	3,890	60.3	39.7	25.7	3,958	59.8	40.2	26.2
With children under 18 years of age	2,518	77.1	22.9	10.1	2,573	76.1	23.9	11.0
Relatives in families maintained by women	3,104	24.9	75.1	64.8	3,197	24.4	75.6	65.5
Men who maintain families	1,255	52.2	47.8	34.8	1,369	53.4	46.6	34.9
With children under 18 years of age	562	76.9	23.1	11.0	620	79.1	20.9	10.1
Relatives in families maintained by men	1,001	17.1	82.9	76.2	1,022	18.0	82.0	75.2
Black								
Total employed in families ¹	7,980	30.7	69.3	59.9	8,234	29.9	70.1	61.0
Husbands	2,424	27.8	72.2	60.3	2,460	26.3	73.7	61.5
With children under 18 years of age	1,564	27.5	72.5	60.1	1,591	25.8	74.2	61.7
Wives	1,900	14.3	85.7	79.7	1,956	13.5	86.5	80.2
With children under 18 years of age	1,177	10.1	89.9	84.4	1,186	8.3	91.7	85.9
Relatives in married-couple families	861	7.4	92.6	85.4	916	8.5	91.5	85.8
Women who maintain families	1,388	71.7	28.3	18.8	1,453	70.4	29.6	20.8
With children under 18 years of age	959	83.5	16.5	9.1	1,001	83.0	17.0	10.1
Relatives in families maintained by women	965	25.5	74.5	62.5	999	25.0	75.0	63.6
Men who maintain families	253	59.8	40.2	31.4	258	61.1	38.9	31.1
With children under 18 years of age	117	83.9	16.1	11.3	128	85.0	15.0	8.7
Relatives in families maintained by men	189	24.9	75.1	66.0	193	21.5	78.5	71.3
Hispanic origin								
Total employed in families ¹	(²)	(²)	(²)	(²)	5,424	27.8	72.2	63.2
Husbands	(²)	(²)	(²)	(²)	2,214	40.8	59.2	47.1
With children under 18 years of age	(²)	(²)	(²)	(²)	1,614	44.0	56.0	43.2
Wives	(²)	(²)	(²)	(²)	1,315	9.8	90.2	84.3
With children under 18 years of age	(²)	(²)	(²)	(²)	871	7.6	92.4	86.4
Relatives in married-couple families	(²)	(²)	(²)	(²)	811	6.1	93.9	89.2
Women who maintain families	(²)	(²)	(²)	(²)	401	62.0	38.0	26.6
With children under 18 years of age	(²)	(²)	(²)	(²)	277	74.0	26.0	16.2
Relatives in families maintained by women	(²)	(²)	(²)	(²)	352	23.0	77.0	66.7
Men who maintain families	(²)	(²)	(²)	(²)	173	46.6	53.4	45.4
With children under 18 years of age	(²)	(²)	(²)	(²)	69	79.7	20.3	16.3
Relatives in families maintained by men	(²)	(²)	(²)	(²)	158	10.6	89.4	82.6

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

² Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised data are not available for 1984.
NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

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

Type of family, number of earners, race, and Hispanic origin	Number of families (in thousands)		Median weekly earnings	
	1984	1985	1984	1985
TOTAL				
Total families with earners ¹	40,944	41,616	\$499	\$522
Married-couple families	33,070	33,459	548	582
One earner	13,532	13,347	371	385
Husband	10,604	10,346	418	440
Wife	2,220	2,243	205	217
Other family member	708	758	197	204
Two or more earners	19,537	20,112	682	715
Husband and wife	16,695	17,262	690	728
Husband and other family member(s)	2,182	2,159	685	689
Wife and other family member(s)	498	514	424	454
Other family members only	162	176	413	468
Families maintained by women	6,294	6,470	284	297
One earner	4,343	4,397	227	234
Householder	3,366	3,432	235	243
Other family member	977	965	199	200
Two or more earners	1,951	2,073	455	487
Families maintained by men	1,581	1,688	421	450
One earner	963	1,031	334	346
Two or more earners	618	656	611	625
White				
Total families with earners ¹	35,331	35,848	514	543
Married-couple families	29,585	29,899	557	589
One earner	12,218	12,097	381	395
Husband	9,703	9,496	426	452
Wife	1,879	1,925	207	218
Two or more earners	17,368	17,802	689	723
Husband and wife	14,802	15,251	697	735
Families maintained by women	4,510	4,616	299	311
Families maintained by men	1,236	1,333	442	475
Black				
Total families with earners ¹	4,579	4,668	366	378
Married-couple families	2,648	2,671	463	487
One earner	967	902	260	257
Husband	634	580	309	292
Wife	281	257	188	206
Two or more earners	1,681	1,769	600	622
Husband and wife	1,470	1,537	615	646
Families maintained by women	1,640	1,703	240	259
Families maintained by men	292	294	365	360
Hispanic origin				
Total families with earners ¹	(²)	2,880	(²)	404
Married-couple families	(²)	2,205	(²)	444
One earner	(²)	1,007	(²)	285
Husband	(²)	838	(²)	304
Wife	(²)	118	(²)	185
Two or more earners	(²)	1,198	(²)	595
Husband and wife	(²)	945	(²)	612
Families maintained by women	(²)	487	(²)	270
Families maintained by men	(²)	188	(²)	366

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 on Hispanic families for 1984 are not available on a revised basis that reflects the adjustments to the population totals introduced in January 1985.

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

procedures and may differ slightly from previously published data. Moreover, data on median weekly earnings are now derived using \$50 centered intervals rather than the \$10 intervals previously used; data for 1984 have been recalculated. 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. 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	
	1984	1985	1984	1985
Married-couple families ¹	3,153	3,076	\$368	\$382
Husband unemployed	952	923	220	225
Wife only earner	735	717	208	214
Wife and other earner(s)	127	122	408	377
Other earner(s) only	89	84	158	163
Wife unemployed	1,072	1,048	370	384
Husband only earner	906	890	346	355
Husband and other earner(s)	138	142	610	598
Other earner(s) only	28	15	(²)	(²)
Other member(s) unemployed	1,129	1,105	563	596
Husband or wife earner	501	486	422	452
Both husband and wife earners	572	568	720	761
Other combinations of earners	56	51	189	196
Families maintained by women ¹	684	667	234	263
Householder unemployed	105	99	157	176
Other member(s) unemployed	579	568	249	276
Families maintained by men ¹	174	170	349	339

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

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

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

procedures and may differ slightly from previously published data. Moreover, data on median weekly earnings are now derived using \$50 centered intervals rather than the \$10 intervals previously used; data for 1984 have been recalculated.

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	1984	1985	1984	1985
SEX AND AGE				
Total, 16 years and over	74,912	77,002	\$326	\$343
Men, 16 years and over	44,654	45,589	391	406
16 to 24 years	7,153	6,956	231	240
25 years and over	37,501	38,632	422	442
Women, 16 years and over	30,258	31,414	265	277
16 to 24 years	5,538	5,621	203	210
25 years and over	24,720	25,793	282	296
FAMILY RELATIONSHIP				
Husbands	29,932	30,260	429	455
Wives	15,821	16,270	272	285
Women who maintain families	4,220	4,333	266	278
Men who maintain families	1,212	1,313	380	396
Other persons in families:				
Men	6,124	6,173	227	238
Women	4,083	4,309	206	213
All other men ¹	7,387	7,841	369	380
All other women ¹	6,133	6,503	289	305
RACE AND HISPANIC ORIGIN				
White	64,889	66,481	336	355
Men	39,331	40,030	400	417
Women	25,558	26,452	268	281
Black	8,023	8,393	269	277
Men	4,227	4,367	302	304
Women	3,797	4,026	241	252
Hispanic origin	(²)	5,285	(²)	269
Men	(²)	3,391	(²)	295
Women	(²)	1,893	(²)	229

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 and persons in unrelated subfamilies.

² Data on Hispanic wage and salary earners for 1984 are not available on a revised basis that reflects the adjustments to the population totals introduced in January 1985.

NOTE: Data on median weekly earnings are now derived using \$50 centered intervals rather than the \$10 intervals previously used; data for 1984 have been recalculated. 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 weekly earnings of part-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	1984	1985	1984	1985
SEX AND AGE				
Total, 16 years and over	17,282	17,518	\$92	\$95
Men, 16 years and over	5,368	5,426	88	88
16 to 24 years	3,208	3,228	73	73
25 years and over	2,160	2,199	114	117
Women, 16 years and over	11,914	12,092	94	98
16 to 24 years	4,006	3,941	70	72
25 years and over	7,908	8,151	107	111
FAMILY RELATIONSHIP				
Husbands	1,382	1,428	116	119
Wives	6,210	6,343	109	113
Women who maintain families	893	951	98	105
Men who maintain families	94	103	113	110
Other persons in families:				
Men	3,106	3,043	72	71
Women	3,317	3,232	67	67
All other men ¹	786	853	110	111
All other women ¹	1,495	1,567	98	100
RACE AND HISPANIC ORIGIN				
White	15,182	15,380	93	95
Men	4,601	4,650	87	88
Women	10,581	10,731	95	98
Black	1,675	1,680	87	89
Men	592	600	90	87
Women	1,083	1,080	86	90
Hispanic origin	(²)	933	(²)	97
Men	(²)	366	(²)	96
Women	(²)	567	(²)	97

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 and persons in unrelated subfamilies.

² Data on Hispanic wage and salary earners for 1984 are not available on a revised basis that reflects the adjustments to the population totals introduced in January 1985.

NOTE: Data on median weekly earnings are now derived using \$50 centered intervals rather than the \$10 intervals previously used; data for 1984 have been recalculated. 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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56. 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	
	1984	1985	1984	1985
TOTAL				
Managerial and professional specialty	18,580	19,381	\$468	\$488
Executive, administrative, and managerial	8,856	9,328	483	497
Professional specialty	9,725	10,053	455	481
Technical, sales, and administrative support	22,590	23,425	295	307
Technicians and related support	2,664	2,762	379	398
Sales occupations	6,850	7,156	319	335
Administrative support, including clerical	13,076	13,507	275	286
Service occupations	7,624	7,910	212	216
Private household	338	342	134	132
Protective service	1,457	1,483	365	381
Service, except private household and protective	5,828	6,085	199	203
Precision production, craft, and repair	10,644	10,932	384	397
Mechanics and repairers	3,707	3,897	388	400
Construction trades	3,249	3,361	383	393
Other precision production, craft, and repair	3,687	3,674	379	398
Operators, fabricators, and laborers	14,129	14,067	287	295
Machine operators, assemblers, and inspectors	7,299	7,181	277	287
Transportation and material moving occupations	3,651	3,648	344	360
Handlers, equipment cleaners, helpers, and laborers	3,179	3,238	251	251
Farming, forestry, and fishing	1,345	1,288	203	212
Men				
Managerial and professional specialty	10,852	11,078	552	583
Executive, administrative, and managerial	5,726	5,835	570	593
Professional specialty	5,126	5,243	533	571
Technical, sales, and administrative support	8,542	8,803	401	420
Technicians and related support	1,474	1,563	448	472
Sales occupations	4,148	4,227	401	431
Administrative support, including clerical	2,920	3,013	378	391
Service occupations	3,755	3,947	265	272
Private household	11	13	(¹)	(¹)
Protective service	1,308	1,327	377	391
Service, except private household and protective	2,437	2,607	224	230
Precision production, craft, and repair	9,779	10,026	394	408
Mechanics and repairers	3,593	3,752	390	400
Construction trades	3,210	3,308	384	394
Other precision production, craft, and repair	2,976	2,965	409	433
Operators, fabricators, and laborers	10,514	10,585	317	325
Machine operators, assemblers, and inspectors	4,371	4,403	329	341
Transportation and material moving occupations	3,462	3,459	350	369
Handlers, equipment cleaners, helpers, and laborers	2,680	2,724	261	261
Farming, forestry, and fishing	1,212	1,150	207	216
Women				
Managerial and professional specialty	7,728	8,302	379	399
Executive, administrative, and managerial	3,130	3,492	364	383
Professional specialty	4,598	4,810	387	408
Technical, sales, and administrative support	14,048	14,622	259	269
Technicians and related support	1,189	1,200	313	331
Sales occupations	2,703	2,929	217	226
Administrative support, including clerical	10,156	10,494	260	270
Service occupations	3,868	3,963	180	185
Private household	328	330	133	130
Protective service	149	156	290	278
Service, except private household and protective	3,391	3,477	183	188
Precision production, craft, and repair	865	906	256	268
Mechanics and repairers	114	144	329	392
Construction trades	39	53	(¹)	265
Other precision production, craft, and repair	711	709	245	253
Operators, fabricators, and laborers	3,615	3,482	212	216
Machine operators, assemblers, and inspectors	2,928	2,778	211	216
Transportation and material moving occupations	189	189	257	252
Handlers, equipment cleaners, helpers, and laborers	499	514	209	209
Farming, forestry, and fishing	133	138	176	185

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

NOTE: Data on median weekly earnings are now derived using \$10

intervals rather than the \$50 intervals previously used. Data for 1984 have been recalculated.

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

(Numbers in thousands)

Age, sex, race, Hispanic origin, and full- or part-time status	1984					1985				
	Total em- ployed	Members of unions ¹		Represented by unions ²		Total em- ployed	Members of unions ¹		Represented by unions ²	
		Total	Percent of em- ployed	Total	Percent of em- ployed		Total	Percent of em- ployed	Total	Percent of em- ployed
SEX AND AGE										
Total, 16 years and over	92,194	17,340	18.8	19,932	21.6	94,521	16,996	18.0	19,358	20.5
16 to 24 years	19,905	1,576	7.9	1,901	9.5	19,746	1,440	7.3	1,725	8.7
25 years and over	72,289	15,764	21.8	18,031	24.9	74,775	15,556	20.8	17,633	23.6
25 to 34 years	27,477	4,997	18.2	5,840	21.3	28,387	4,745	16.7	5,521	19.4
35 to 44 years	20,140	4,819	23.9	5,515	27.4	21,243	4,833	22.7	5,457	25.7
45 to 54 years	13,489	3,437	25.5	3,882	28.8	13,858	3,484	25.1	3,874	28.0
55 to 64 years	9,293	2,324	25.0	2,580	27.8	9,382	2,330	24.8	2,582	27.5
65 years and over	1,891	186	9.8	213	11.3	1,904	165	8.7	200	10.5
Men, 16 years and over	50,022	11,511	23.0	12,832	25.7	51,015	11,264	22.1	12,448	24.4
16 to 24 years	10,361	1,025	9.9	1,205	11.6	10,184	937	9.2	1,087	10.7
25 years and over	39,661	10,485	26.4	11,627	29.3	40,831	10,327	25.3	11,361	27.8
25 to 34 years	15,184	3,309	21.8	3,719	24.5	15,639	3,137	20.1	3,521	22.5
35 to 44 years	10,917	3,201	29.3	3,552	32.5	11,429	3,198	28.0	3,502	30.6
45 to 54 years	7,446	2,319	31.1	2,555	34.3	7,567	2,340	30.9	2,536	33.5
55 to 64 years	5,124	1,548	30.2	1,677	32.7	5,192	1,556	30.0	1,686	32.5
65 years and over	990	109	11.0	125	12.6	1,004	96	9.6	117	11.7
Women, 16 years and over	42,172	5,829	13.8	7,100	16.8	43,506	5,732	13.2	6,910	15.9
16 to 24 years	9,544	550	5.8	695	7.3	9,562	502	5.3	639	6.7
25 years and over	32,628	5,279	16.2	6,404	19.6	33,944	5,229	15.4	6,271	18.5
25 to 34 years	12,293	1,689	13.7	2,120	17.2	12,748	1,608	12.6	2,000	15.7
35 to 44 years	10,917	2,618	17.5	1,964	21.3	9,814	1,635	16.7	1,955	19.9
45 to 54 years	6,042	1,118	18.5	1,328	22.0	6,290	1,144	18.2	1,338	21.3
55 to 64 years	4,169	776	18.6	903	21.7	4,191	774	18.5	896	21.4
65 years and over	902	78	8.6	89	9.9	900	69	7.7	82	9.2
RACE AND HISPANIC ORIGIN										
White, 16 years and over	80,071	14,380	18.0	16,547	20.7	81,862	14,124	17.3	16,083	19.6
Men	43,932	9,805	22.3	10,927	24.9	44,680	9,623	21.5	10,625	23.8
Women	36,139	4,575	12.7	5,620	15.6	37,182	4,501	12.1	5,458	14.7
Black, 16 years and over	9,699	2,514	25.9	2,865	29.5	10,073	2,445	24.3	2,775	27.6
Men	4,819	1,455	30.2	1,612	33.4	4,967	1,387	27.9	1,530	30.8
Women	4,880	1,059	21.7	1,253	25.7	5,106	1,058	20.7	1,245	24.4
Hispanic origin, 16 years and over	(³)	(³)	(³)	(³)	(³)	6,218	1,174	18.9	1,331	21.4
Men	(³)	(³)	(³)	(³)	(³)	3,757	842	22.4	929	24.7
Women	(³)	(³)	(³)	(³)	(³)	2,460	333	13.5	402	16.3
FULL- OR PART-TIME STATUS⁴										
Full-time workers	74,912	16,074	21.5	18,376	24.5	77,002	15,717	20.4	17,816	23.1
Part-time workers	17,282	1,266	7.3	1,556	9.0	17,518	1,280	7.3	1,542	8.8

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

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

³ Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised data are not available for 1984.

⁴ 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.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

Occupation and industry	1984					1985				
	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	20,817	3,279	15.8	4,195	20.2	21,688	3,307	15.2	4,166	19.2
Executive, administrative, and managerial	9,313	590	6.3	842	9.0	9,806	635	6.5	888	9.1
Professional specialty	11,504	2,689	23.4	3,353	29.1	11,882	2,672	22.5	3,277	27.6
Technical, sales, and administrative support	29,135	3,257	11.2	4,026	13.8	30,082	3,243	10.8	3,928	13.1
Technicians and related support	3,089	376	12.2	482	15.6	3,183	375	11.8	473	14.9
Sales occupations	9,916	625	6.3	738	7.4	10,186	613	6.0	693	6.8
Administrative support, including clerical	16,130	2,256	14.0	2,806	17.4	16,714	2,255	13.5	2,762	16.5
Service occupations	13,066	1,972	15.1	2,243	17.2	13,325	1,922	14.4	2,162	16.2
Protective service	1,659	641	38.7	729	44.0	1,702	667	39.2	730	42.9
Service, except protective service	11,407	1,330	11.7	1,513	13.3	11,623	1,255	10.8	1,432	12.3
Precision production, craft and repair	11,188	3,365	30.1	3,641	32.5	11,482	3,272	28.5	3,543	30.9
Operators, fabricators, and laborers	16,213	5,368	33.1	5,712	35.2	16,207	5,157	31.8	5,453	33.6
Machine operators, assemblers, and inspectors	7,798	2,761	35.4	2,927	37.5	7,696	2,627	34.1	2,774	36.0
Transportation and material moving occupations	4,122	1,430	34.7	1,524	37.0	4,162	1,396	33.5	1,476	35.5
Handlers, equipment cleaners, helpers, and laborers	4,293	1,178	27.4	1,261	29.4	4,349	1,134	26.1	1,202	27.6
Farming, forestry, and fishing	1,775	98	5.5	114	6.4	1,736	95	5.5	107	6.1
INDUSTRY										
Agricultural wage and salary workers	1,455	38	2.6	47	3.3	1,427	30	2.1	32	2.3
Private nonagricultural wage and salary workers	74,931	11,647	15.5	12,943	17.3	77,044	11,227	14.6	12,409	16.1
Mining	902	159	17.7	179	19.8	881	153	17.3	167	19.0
Construction	4,504	1,061	23.5	1,115	24.8	4,716	1,051	22.3	1,114	23.6
Manufacturing	20,207	5,250	26.0	5,729	28.4	20,120	4,996	24.8	5,422	26.9
Durable goods	12,073	3,317	27.5	3,628	30.0	12,081	3,116	25.8	3,398	28.1
Nondurable goods	8,134	1,933	23.8	2,102	25.8	8,039	1,880	23.4	2,024	25.2
Transportation and public utilities	5,532	2,139	38.7	2,331	42.1	5,725	2,118	37.0	2,275	39.7
Transportation	3,007	1,121	37.3	1,185	39.4	3,123	1,141	36.5	1,200	38.4
Communications and public utilities	2,525	1,017	40.3	1,146	45.4	2,602	977	37.5	1,075	41.3
Wholesale and retail trade	18,839	1,491	7.9	1,665	8.8	19,402	1,400	7.2	1,552	8.0
Wholesale trade	3,579	306	8.6	341	9.5	3,743	282	7.5	315	8.4
Retail trade	15,260	1,185	7.8	1,324	8.7	15,659	1,118	7.1	1,237	7.9
Finance, insurance, and real estate	5,794	156	2.7	231	4.0	6,032	177	2.9	244	4.0
Services	19,153	1,391	7.3	1,693	8.8	20,167	1,331	6.6	1,636	8.1
Government workers	15,809	5,654	35.8	6,942	43.9	16,050	5,740	35.8	6,917	43.1

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.

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

Age, sex, race, and Hispanic origin	1984				1985			
	Total	Members of unions ¹	Repre- sented by unions ²	Non- union	Total	Members of unions ¹	Repre- sented by unions ²	Non- union
SEX AND AGE								
Total, 16 years and over	\$326	\$405	\$402	\$302	\$343	\$423	\$419	\$315
16 to 24 years	217	292	287	210	223	297	291	218
25 years and over	361	414	411	334	378	434	430	352
25 to 34 years	335	398	392	316	349	412	407	329
35 to 44 years	389	430	428	364	405	459	455	382
45 to 54 years	385	424	424	356	400	449	447	373
55 to 64 years	365	408	407	332	380	419	419	352
65 years and over	271	357	357	245	296	392	394	272
Men, 16 years and over	391	441	439	364	406	465	463	383
16 to 24 years	231	312	308	220	240	316	312	230
25 years and over	422	451	450	408	442	475	475	422
25 to 34 years	382	425	421	363	393	443	440	378
35 to 44 years	471	471	471	470	486	490	490	483
45 to 54 years	469	466	468	470	488	487	487	489
55 to 64 years	439	447	450	428	467	467	472	463
65 years and over	327	411	408	298	367	449	443	338
Women, 16 years and over	265	326	323	250	277	350	347	262
16 to 24 years	203	247	246	199	210	259	255	207
25 years and over	282	335	333	268	296	359	358	281
25 to 34 years	284	338	332	271	295	351	348	283
35 to 44 years	291	349	348	274	307	383	380	289
45 to 54 years	278	330	334	263	291	357	358	274
55 to 64 years	269	313	311	255	284	332	335	267
65 years and over	218	292	294	205	242	311	315	223
RACE AND HISPANIC ORIGIN								
White, 16 years and over	336	415	411	310	355	438	433	323
Men	400	450	448	377	417	476	475	395
Women	268	334	331	254	281	359	356	267
Black, 16 years and over	269	353	347	233	277	359	352	246
Men	302	389	386	254	304	385	381	266
Women	241	301	299	218	252	320	316	228
Hispanic origin, 16 years and over	(³)	(³)	(³)	(³)	269	364	359	245
Men	(³)	(³)	(³)	(³)	295	395	391	265
Women	(³)	(³)	(³)	(³)	229	286	285	218

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 Beginning in January 1985, data for persons of Hispanic origin have been revised to reflect new population estimates. Revised data are not available for 1984.

NOTE: Data refer to the sole or principal job of full- and part-time

workers. Excluded are self-employed workers whose businesses are incorporated although they technically qualify as wage and salary workers. Data on median weekly earnings are now derived using \$50 centered intervals rather than the \$10 intervals previously used; data for 1984 have been recalculated. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

Occupation and industry	1984				1985			
	Total	Members of unions ¹	Repre- sented by unions ²	Non- union	Total	Members of unions ¹	Repre- sented by unions ²	Non- union
OCCUPATION								
Managerial and professional specialty	\$468	\$455	\$452	\$474	\$488	\$483	\$481	\$490
Executive, administrative, and managerial	483	486	484	483	497	503	502	496
Professional specialty	455	449	444	462	481	478	476	484
Technical, sales, and administrative support	295	372	361	285	307	389	380	297
Technicians and related support	379	422	413	371	398	444	432	391
Sales occupations	319	354	353	316	335	382	383	331
Administrative support, including clerical	275	364	351	262	286	383	372	272
Service occupations	212	315	311	190	216	328	322	195
Protective service	365	440	437	283	381	452	449	301
Service, except protective service	195	267	262	182	199	280	276	187
Precision production, craft and repair	384	482	479	330	397	499	495	349
Operators, fabricators, and laborers	287	384	380	239	295	399	395	249
Machine operators, assemblers, and inspectors	277	358	354	234	287	377	374	244
Transportation and material moving occupations	344	440	435	285	360	467	462	301
Handlers, equipment cleaners, helpers, and laborers	251	376	369	209	251	384	379	213
Farming, forestry, and fishing	203	309	310	198	212	336	334	206
INDUSTRY								
Agricultural wage and salary workers	204	(³)	(³)	202	211	(³)	(³)	210
Private nonagricultural wage and salary workers	319	405	402	300	332	423	418	312
Mining	492	500	497	489	501	512	507	499
Construction	353	541	534	304	369	568	556	315
Manufacturing	348	385	385	325	368	401	401	347
Durable goods	374	399	400	355	392	417	416	378
Nondurable goods	309	352	349	292	320	370	368	304
Transportation and public utilities	436	480	476	395	458	495	492	414
Transportation	413	490	487	351	425	502	500	369
Communications and public utilities	463	465	458	472	484	486	482	487
Wholesale and retail trade	261	363	357	253	270	378	373	262
Wholesale trade	341	401	400	332	368	414	418	361
Retail trade	234	342	335	225	243	355	346	235
Finance, insurance, and real estate	316	313	314	316	334	339	340	333
Services	286	320	320	281	298	328	327	294
Government workers	375	407	402	337	394	424	420	360

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

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

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

NOTE: Data refer to the sole or principal job of full- and part-time workers. Excluded are self-employed workers whose businesses are incorporated although they technically qualify as wage and salary workers. Data on median weekly earnings are now derived using \$50 centered intervals rather than the \$10 intervals previously used; data for 1984 have been recalculated.

**ESTABLISHMENT DATA
EMPLOYMENT
ANNUAL AVERAGES**

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

(In thousands)

Industry	1982	1983	1984	1985 ^p
Total	89,566	90,196	94,461	97,692
Total private	73,729	74,330	78,477	81,397
Goods-producing	23,813	23,334	24,730	25,054
Mining	1,128	952	974	969
Oil and gas extraction	708.3	597.8	612.7	616.0
Construction	3,905	3,948	4,345	4,661
General building contractors	990.5	1,019.6	1,157.5	1,239.4
Manufacturing	18,781	18,434	19,412	19,424
Durable goods	11,039	10,732	11,522	11,565
Lumber and wood products	597.5	656.5	706.8	702.8
Furniture and fixtures	432.0	448.0	487.3	496.5
Stone, clay, and glass products	576.9	570.0	595.4	600.2
Primary metal industries	921.9	831.8	858.4	814.7
Blast furnaces and basic steel products	396.2	340.8	333.5	302.3
Fabricated metal products	1,426.9	1,370.1	1,464.2	1,472.1
Machinery, except electrical	2,243.9	2,033.0	2,196.8	2,181.3
Electrical and electronic equipment	2,008.0	2,012.9	2,208.1	2,207.6
Transportation equipment	1,734.7	1,747.2	1,906.3	1,989.4
Motor vehicles and equipment	699.3	753.7	860.1	871.7
Instruments and related products	715.5	692.0	714.1	724.2
Miscellaneous manufacturing	382.1	370.5	384.2	376.0
Nondurable goods	7,741	7,702	7,890	7,859
Food and kindred products	1,635.9	1,614.8	1,618.6	1,635.9
Tobacco manufactures	68.7	67.9	64.8	65.0
Textile mill products	749.4	741.3	746.0	702.5
Apparel and other textile products	1,161.1	1,163.4	1,196.6	1,161.6
Paper and allied products	662.4	661.2	681.2	683.3
Printing and publishing	1,272.1	1,298.8	1,372.4	1,421.4
Chemicals and allied products	1,075.1	1,042.8	1,048.1	1,042.4
Petroleum and coal products	200.8	195.6	188.8	177.4
Rubber and misc. plastics products	696.9	711.1	781.5	794.6
Leather and leather products	218.9	204.9	192.2	175.0
Service-producing	65,753	66,862	69,731	72,638
Transportation and public utilities	5,082	4,954	5,171	5,301
Transportation	2,789	2,745	2,929	3,059
Communication and public utilities	2,293	2,209	2,242	2,242
Wholesale trade	5,278	5,268	5,550	5,770
Durable goods	3,090	3,070	3,272	3,417
Nondurable goods	2,188	2,197	2,278	2,353
Retail trade	15,179	15,613	16,584	17,418
General merchandise stores	2,183.8	2,165.4	2,277.6	2,349.3
Food stores	2,477.6	2,556.2	2,654.7	2,826.4
Automotive dealers and service stations	1,631.7	1,674.2	1,802.1	1,892.9
Eating and drinking places	4,831.2	5,041.8	5,403.3	5,692.0
Finance, insurance, and real estate	5,341	5,468	5,682	5,924
Finance	2,646	2,741	2,855	2,978
Insurance	1,714	1,720	1,753	1,816
Real estate	981	1,007	1,074	1,130
Services	19,036	19,694	20,761	21,931
Business services	3,286.0	3,562.4	4,075.6	4,454.1
Health services	5,811.8	5,988.2	6,104.1	6,267.0
Government	15,837	15,869	15,984	16,294
Federal	2,739	2,774	2,807	2,873
State	3,640	3,662	3,712	3,781
Local	9,458	9,434	9,465	9,640

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark

levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
ANNUAL AVERAGES**

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

(In thousands)

Industry	1982	1983	1984	1985 ^p
Total private	59,487	60,070	63,576	65,914
Goods-producing	16,561	16,235	17,378	17,553
Mining	821	673	693	688
Construction	2,998	3,033	3,375	3,650
Manufacturing	12,742	12,530	13,310	13,214
Durable goods	7,311	7,117	7,749	7,692
Lumber and wood products	488.2	547.1	592.1	588.7
Furniture and fixtures	341.8	356.1	390.6	396.2
Stone, clay, and glass products	435.7	434.5	457.3	460.5
Primary metal industries	683.4	619.8	652.0	616.5
Blast furnaces and basic steel products	293.9	256.3	256.3	231.3
Fabricated metal products	1,028.0	993.8	1,079.3	1,087.8
Machinery, except electrical	1,355.8	1,194.7	1,328.1	1,310.5
Electrical and electronic equipment	1,212.6	1,219.7	1,354.3	1,307.1
Transportation equipment	1,078.9	1,096.3	1,218.0	1,259.7
Motor vehicles and equipment	511.9	568.4	662.9	675.7
Instruments and related products	410.6	387.9	397.9	393.9
Miscellaneous manufacturing	276.4	266.8	279.5	270.8
Nondurable goods	5,431	5,413	5,561	5,522
Food and kindred products	1,125.6	1,113.7	1,124.0	1,143.2
Tobacco manufactures	53.4	52.0	49.0	48.9
Textile mill products	642.1	639.2	645.5	606.5
Apparel and other textile products	981.2	983.7	1,012.4	979.6
Paper and allied products	493.9	494.5	511.9	516.7
Printing and publishing	699.2	711.8	755.9	784.2
Chemicals and allied products	598.6	578.6	581.8	575.5
Petroleum and coal products	119.9	118.0	111.3	107.7
Rubber and misc. plastics products	533.7	550.6	608.7	614.7
Leather and leather products	182.9	171.1	160.3	145.2
Service-producing	42,926	43,834	46,198	48,361
Transportation and public utilities	4,190	4,074	4,270	4,387
Wholesale trade	4,246	4,226	4,469	4,657
Retail trade	13,612	14,011	14,853	15,556
Finance, insurance, and real estate	3,997	4,068	4,224	4,391
Services	16,880	17,455	18,382	19,370

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 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 forward are subject to revision.

**ESTABLISHMENT DATA
HOURS AND EARNINGS
ANNUAL AVERAGES**

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

Industry	Average weekly hours				Average hourly earnings				Average weekly earnings			
	1982	1983	1984	1985 ^P	1982	1983	1984	1985 ^P	1982	1983	1984	1985 ^P
Total private	34.8	35.0	35.3	35.1	\$7.68	\$8.02	\$8.33	\$8.58	\$267.26	\$280.70	\$294.05	\$301.16
Mining	42.7	42.5	43.3	43.4	10.77	11.28	11.63	11.95	459.88	479.40	503.58	518.63
Construction	36.7	37.1	37.7	37.7	11.63	11.94	12.12	12.26	426.82	442.97	456.92	462.20
Manufacturing	38.9	40.1	40.7	40.5	8.49	8.83	9.18	9.52	330.26	354.08	373.63	385.56
<i>Overtime hours</i>	2.3	3.0	3.4	3.3	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Durable goods	39.3	40.7	41.4	41.2	\$9.04	\$9.39	\$9.74	\$10.09	\$355.27	\$382.17	\$403.24	\$415.71
<i>Overtime hours</i>	2.2	3.0	3.6	3.5	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Lumber and wood products	38.0	40.1	39.9	39.8	\$7.43	\$7.80	\$8.03	\$8.19	\$282.34	\$312.78	\$320.40	\$325.96
Furniture and fixtures	37.2	39.4	39.7	39.4	6.31	6.62	6.85	7.19	234.73	260.83	271.95	283.29
Stone, clay, and glass products	40.1	41.5	42.0	41.9	8.87	9.28	9.57	9.83	355.69	385.12	401.94	411.88
Primary metal industries	38.6	40.5	41.7	41.5	11.33	11.35	11.47	11.67	437.34	459.68	478.30	484.31
Blast furnaces and basic steel products	37.9	39.5	40.6	41.1	13.35	12.89	12.99	13.35	505.97	509.16	527.39	548.69
Fabricated metal products	39.2	40.6	41.4	41.3	8.77	9.12	9.38	9.66	343.78	370.27	388.33	398.96
Machinery, except electrical	39.7	40.5	41.9	41.5	9.26	9.55	9.96	10.29	367.62	386.78	417.32	427.04
Electrical and electronic equipment	39.3	40.5	41.0	40.6	8.21	8.67	9.04	9.47	322.65	351.14	370.64	384.48
Transportation equipment	40.5	42.1	42.7	42.6	11.11	11.67	12.22	12.71	449.96	491.31	521.79	541.45
Motor vehicles and equipment	40.5	43.3	43.8	43.5	11.62	12.14	12.74	13.44	470.61	525.66	558.01	584.64
Instruments and related products	39.8	40.4	41.3	41.0	8.06	8.48	8.85	9.19	320.79	342.59	365.51	376.79
Miscellaneous manufacturing	38.4	39.1	39.4	39.4	6.42	6.81	7.04	7.28	246.53	266.27	277.38	286.83
Nondurable goods	38.4	39.4	39.6	39.6	7.74	8.08	8.37	8.68	297.22	318.35	331.45	343.73
<i>Overtime hours</i>	2.5	3.0	3.1	3.1	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Food and kindred products	39.4	39.5	39.8	39.9	\$7.92	\$8.19	\$8.38	\$8.54	\$312.05	\$323.51	\$333.52	\$340.75
Tobacco manufactures	37.8	37.4	38.9	37.1	9.79	10.38	11.27	12.08	370.06	388.21	438.40	448.17
Textile mill products	37.5	40.4	39.9	39.8	5.83	6.18	6.46	6.71	218.63	249.67	257.75	267.06
Apparel and other textile products	34.7	36.2	36.4	36.3	5.20	5.38	5.55	5.72	180.44	194.76	202.02	207.64
Paper and allied products	41.8	42.6	43.1	43.1	9.32	9.93	10.41	10.82	389.58	423.02	448.67	466.34
Printing and publishing	37.1	37.6	37.9	37.7	8.74	9.11	9.40	9.69	324.25	342.54	356.26	365.31
Chemicals and allied products	40.9	41.6	41.9	41.9	9.96	10.58	11.08	11.58	407.36	440.13	464.25	485.20
Petroleum and coal products	43.9	43.9	43.7	43.1	12.46	13.28	13.43	14.04	546.99	582.99	586.89	605.12
Rubber and misc. plastics products	39.6	41.2	41.7	41.0	7.64	8.00	8.29	8.53	302.54	329.60	345.69	349.73
Leather and leather products	35.6	36.8	36.8	37.2	5.33	5.54	5.70	5.82	189.75	203.87	209.76	216.50
Transportation and public utilities	39.0	39.0	39.4	39.5	10.32	10.79	11.11	11.38	402.48	420.81	437.73	449.51
Wholesale trade	38.3	38.5	38.6	38.7	8.09	8.55	8.96	9.27	309.85	329.18	345.86	358.75
Retail trade	29.9	29.8	30.0	29.7	5.48	5.74	5.88	5.97	163.85	171.05	176.40	177.31
Finance, insurance, and real estate	36.2	36.2	36.5	36.4	6.78	7.29	7.62	7.94	245.44	263.90	278.13	289.02
Services	32.6	32.7	32.8	32.8	6.92	7.31	7.64	7.95	225.59	239.04	250.59	260.76

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 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 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 for a sample of about 59,500 households, representing 729 areas in 1,973 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The 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 the 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 their impact on differences in the levels and trends 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 the 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 59,500 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 59,500 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 something 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 working 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 existed only for metropolitan and nonmetropolitan area estimates, not for the total United States. The reasoning behind the change and an indication of the differences appear in "Revisions in the Current Population Survey in January 1979" in the February 1979 issue of *Employment and Earnings*.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The purpose of the change and an indication of its effect on national estimates of labor force 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 purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey Beginning in January 1983" in the February 1983 issue of *Employment and Earnings*. There were only slight differences between the old and new procedures in estimates of levels for the various labor force characteristics and virtually no differences in estimates of participation rates.

Beginning in January 1985, most of the steps of the CPS estimation procedure—the noninterview adjust-

ment, the first and second-stage ratio adjustments, and the composite estimator—were revised. The new procedures are described in the Estimating Methods section. A description of the changes and an indication of their effect on national estimates of labor force characteristics appear in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1985" in the February 1985 issue of this publication. Overall, the revisions had only a slight effect on most estimates. The greatest impact was on estimates of persons of Hispanic origin, which have been revised, to the extent possible, back to January 1980.

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 system 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. In October 1978 a coverage improvement sample, composed of approximately 450 sample household units which represented 237,000 occupied mobile homes and 600,000 new construction housing units, was included in computing the estimates in order to provide coverage of mobile homes and new construction units that previously had no chance for selection in the CPS sample selected from the 1970 census frame. 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 1985, a new State-based CPS sample was

selected based on 1980 census information rather than 1970 census information. The selection of new sample areas provided an opportunity to improve the efficiency of the sample design. Sample areas chosen to replace incoming sample areas account for only 10 percent of the national estimate. The new CPS sample has resulted in increased reliability for State estimates with a slightly reduced sample size. The reliability of national estimates is unaffected. Sample households are chosen from 729 sample areas, which represent 1,973 geographic areas in the United States. This current number of sample areas is not completely comparable to the old number of sample areas since many of the sample areas have been redefined. (See pp. 7-10 of the May 1984 issue of *Employment and Earnings*, for an overview of these new definitions and 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 collection 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 by the inverse of the probability of the person being in the sample. This gives a rough measure of the number of actual persons that the sample person represents. Beginning in 1985, almost all sample persons within the same State will have the same probability of selection. These estimates are then adjusted for noninterviews, 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 noninterview adjustment is made separately by combinations of similar sample areas that are not necessarily contained within a State. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each combination of sample areas there is a further breakdown by residence. MSA sample areas are categorized by central city and the balance of the MSA. Residence categories of non-MSA areas are urban and rural. The proportion of sample households not inter-

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	1330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	2333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to Dec. 1984	629	57,800	2,500	11,000
Jan. 1985 to present	729	57,000	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.

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

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. 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 729 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure 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 adjustment is made at the State level for each of the 43 States which contains nonsample areas by race cells of black and non-black. The procedure corrects for differences that existed in each cell at the time of the 1980 census between the race distribution of the population in sample areas and the known race distribution of the State.

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 under-coverage relative to the decennial census, is carried out in three steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia

to an independent control for the population 16 years and over for the State. The second step involves an adjustment by Hispanic origin to a national estimate for 8 age-sex categories by Hispanic and non-Hispanic. In the third step, a national adjustment is made by the race categories of white, black, and other races to independent estimates by age and sex. The white and black categories contain 32 age-sex groups each while the other races category has 6 age-sex cells. The entire second-stage adjustment procedure is iterated six times, each time beginning at the weights developed the previous time. This ensures that the sample estimates of the population for both State and national age-sex-race-origin categories will be virtually equal to the independent population control totals. This second-stage adjustment procedure incorporates changes instituted in January 1985. The nature and effect of these changes are discussed in detail in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1985" in the February 1985 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 is available on request from the Chief of the Population Division, U.S. Bureau of the Census, Washington, D.C. 20233.

Prior to January 1985, there was no separate control for Hispanics in the second-stage ratio procedure. These Hispanic controls are prepared by carrying forward the 1980 census count for Hispanics by adding estimated Hispanic births and immigrants and subtracting estimated Hispanic deaths and emigrants to yield an

estimate of the Hispanic population by age and sex.

During the period from January 1982 to December 1984, the "inflation-deflation" method was temporarily discontinued in the preparation of the independent national controls used for the age-sex-race groups in the third step of the second-stage ratio estimation procedure. These controls were prepared by carrying forward the 1980 census data after taking account of subsequent aging of the population, births, deaths, and net migration and then subtracting the estimate for the institutional population and Armed Forces. Beginning in January 1985, the "inflation-deflation" method of deriving independent population controls was reintroduced into the CPS estimation procedure. With the "inflation-deflation" method, the independent controls are prepared by inflating the 1980 census counts to include estimated undercounts by age, sex and race, aging this population forward to each subsequent month and later age by adding births and net migration, and subtracting deaths. These post-censal population estimates are then deflated to census level to reflect the pattern of net undercount in the most recent census by age, sex, and race. Because an estimate of undercount is first added and then subtracted, the size of each race-sex group is unaffected by the "inflation-deflation" method. Similarly, the final estimate is affected only by the age structure of the undercount, but not the level. This feature of the method is important since the exact amount of undercount in the 1980 census remains unknown.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulations of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population is derived by subtracting the Armed Forces and the institutional population for the estimate date from the total including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national control totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

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. Also included is an additional term which is an estimate of the net difference between incoming and continuing parts of the current month's sample. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of level 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. Bailer, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Compared to the level of the decennial census, undercoverage is about 6 percent. It is known that the CPS undercoverage varies with age, sex, race and Hispanic origin. Generally, undercoverage is larger for men than for women, and larger for blacks, Hispanics, and other races combined than for whites. Ratio estimation to independent age-sex-race-origin population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race-origin group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailer, 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 error 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 are 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 are 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 table 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

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 (consecutive 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

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 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

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			

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.

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 percentage 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 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 1984 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 1984 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

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1984

Industry	Benchmark	Estimate	Percent difference
Total	92,587,000	92,234,000	0.4
Mining	952,000	967,000	-1.6
Construction	3,914,000	3,794,000	3.1
Manufacturing	19,151,000	19,323,000	-0.9
Transportation and public utilities	5,063,000	5,055,000	.2
Wholesale trade	5,447,000	5,421,000	.5
Retail trade	15,891,000	15,629,000	1.6
Finance, insurance, and real estate	5,588,000	5,565,000	.4
Services	20,365,000	20,276,000	.4
Government	16,216,000	16,204,000	.1

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 N. Approximate size and coverage of BLS employment and payrolls sample, March 1984¹

Industry	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	221,700	36,946,000	40
Mining	3,400	376,000	39
Construction ..	21,500	827,000	21
Manufacturing ..	50,600	10,571,000	55
Transportation and public utilities ..	10,500	2,377,000	47
Wholesale trade ..	19,200	909,000	17
Retail trade	35,900	2,875,000	18
Finance, insurance and real estate ..	15,900	2,101,000	38
Services	41,900	4,838,000	24
Government:			
Federal ²	5,100	2,779,000	100
State	4,000	3,121,000	82
Local	13,700	6,172,000	64

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 5,100 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 .....	.3	0.1	0.2
Mining	2.4	1.0	1.3
Construction	1.6	.2	.5
Manufacturing .....	.6	.1	.2
Durable goods .....	.6	.1	.3
Nondurable goods .....	.5	.1	.2
Transportation and public utilities .....	.2	.7	.6
Wholesale trade .....	.2	.2	.4
Retail trade	1.4	.2	.4
Finance, insurance, and real estate ..	.2	.2	.4
Services .....	.4	.4	.6
Government ³ .....	.3	-	-

¹ The average percent revision in employment for the 1980-84 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 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.

Table Q. Errors of preliminary employment estimates

Industry	Root mean square error of-		Industry	Root mean square error of-	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Total	117,300	109,000	Nondurable goods—Continued		
Total private ¹	65,400	58,600	Chemicals and allied products	2,700	2,500
Goods-producing	38,900	34,000	Petroleum and coal products	1,600	1,500
Mining	5,400	5,200	Rubber and misc. plastics products	2,600	2,500
Oil and gas extraction ¹	4,800	4,500	Leather and leather products	2,700	2,600
Construction	21,300	17,400	Service-producing industries	100,300	95,800
General building contractors ¹	8,400	5,500	Transportation and public utilities	15,100	15,200
Manufacturing	32,100	29,200	Transportation ¹	19,700	19,500
Durable goods	23,300	21,100	Communication and public utilities ¹	5,000	4,800
Lumber and wood products	3,900	3,400	Wholesale trade ¹	8,200	8,000
Furniture and fixtures	3,000	2,300	Durable goods ¹	5,300	5,000
Stone, clay, and glass products	2,600	2,400	Nondurable goods ¹	5,000	4,800
Primary metal industries	6,400	6,300	Retail trade ¹	30,900	31,100
Blast furnaces and basic steel products ¹	5,500	5,300	General merchandise stores ¹	19,000	18,600
Fabricated metal products	4,700	4,000	Food stores ¹	6,800	5,800
Machinery, except electrical	8,700	7,900	Automotive dealers and service stations ¹	3,200	2,700
Electrical and electronic equipment	6,200	6,400	Eating and drinking places ¹	20,900	18,800
Transportation equipment	12,600	11,100	Finance, insurance, and real estate	9,400	8,300
Motor vehicles and equipment ¹	10,200	10,100	Finance ¹	4,300	3,500
Instruments and related products	2,200	2,200	Insurance ¹	2,900	2,200
Miscellaneous manufacturing	2,000	2,000	Real estate ¹	5,500	4,500
Nondurable goods	13,300	13,300	Services	34,600	28,200
Food and kindred products	8,800	8,800	Business services ¹	13,400	11,300
Tobacco manufactures	1,500	1,400	Health services ¹	11,300	10,800
Textile mill products	2,700	2,700	Government	69,900	64,600
Apparel and other textile products	6,400	6,100	Federal	17,600	16,200
Paper and allied products	2,100	1,800	State ¹	26,000	25,000
Printing and publishing	2,200	2,400	Local ¹	41,800	39,100

¹ Data are based on differences from January 1981 through December 1984; all other data reflect differences from January 1979 through December 1984

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 include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted 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 11 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, North Carolina, 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 39 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 39 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 11 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 39 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 11 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 1985, new seasonal adjustment factors to be used to

calculate the civilian unemployment rate for the first 6 months of 1986, and a description of the current seasonal adjustment methodology are published in the January 1986 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1981-85 revision period for a broader range of labor force series are published in the February 1986 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 1985 and projected data through March 1986. 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 nonsuper-

visory 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 1985. Seasonal adjustment factors to be used for current adjustment appear in the June 1985 issue of *Employment and Earnings*.

U.S. Department of Labor Bureau of Labor Statistics

REGION I - BOSTON
John Fitzgerald Kennedy Federal Building
Government Center
Boston, Mass. 02203

REGION II - NEW YORK
Suite 3400
1515 Broadway
New York, N.Y. 10036

REGION III - PHILADELPHIA
3535 Market Street
P.O. Box 13309
Philadelphia, Pa. 19101

REGION IV - ATLANTA
Suite 540
1371 Peachtree Street, NE.
Atlanta, Ga. 30367

REGION V - CHICAGO
9th Floor
230 S. Dearborn Street
Chicago, Ill. 60604

REGION VI - DALLAS
Room 221
525 Griffin Street
Dallas, Tex. 75202

REGIONS VII and VIII - KANSAS CITY
15th Floor
911 Walnut Street
Kansas City, Mo. 64106

REGIONS IX and X - SAN FRANCISCO
450 Golden Gate Avenue
Box 36017
San Francisco, Calif. 94102

COOPERATING STATE AGENCIES

Current Employment Statistics Program (CES), and State and Local Area Unemployment Statistics Program (LAUS)

BLS Region	
IV ALABAMA	-Research and Statistics Div., Depart. of Industrial Relations, Industrial Relations Building, Room 427, Montgomery 36130
X ALASKA	-Employment Security Division, Department of Labor, P.O. Box 25501, Juneau 99802
IX ARIZONA	-Department of Economic Security, 733-A, P.O. Box 6123, Phoenix 85005
VI ARKANSAS	-Employment Security Division, Department of Labor, State Capitol Mall, P.O. Box 2981, Little Rock 72203
IX CALIFORNIA	-Employment Data and Research Div., Employment Development Depart., P.O. Box 1679, Sacramento 95808.
VIII COLORADO	-Division of Employment and Training, 1330 Fox Street, Denver 80204
I CONNECTICUT	-Employment Security Division, Labor Department, 200 Folly Brook Boulevard, Wethersfield 06109
III DELAWARE	-Department of Labor, University Plaza Office Complex, P.O. Box 9029, Newark 19711
III DIST. OF COL.	-Division of Labor Market Information, Research and Analysis, Department of Employment Services, 500 C Street N.W., Room 411, Washington 20001
IV FLORIDA	-Bureau of Research and Information, Depart. of Labor and Employment Security, 2574 Seagate Drive, Tallahassee 32301
IV GEORGIA	-Department of Labor, 254 Washington Street, S.W., Atlanta 30334
IX HAWAII	-Department of Labor and Industrial Relations, 830 Punchbowl Street, Room 304, Honolulu 96813
X IDAHO	-Department of Employment, P.O. Box 35, Boise 83735
V ILLINOIS	-Bureau of Employment Security, 910 South Michigan Avenue, 12th Floor, Chicago 60605
V INDIANA	-Employment Security Division, 10 North Senate Avenue, Indianapolis 46204
VII IOWA	-Department of Job Service, 1000 East Grand Avenue, Des Moines 50319
VII KANSAS	-Department of Human Resources, 401 Topeka Avenue, Topeka 66603
IV KENTUCKY	-Department for Employment Services, Cabinet for Human Resources, 275 E. Main Street, Frankfort 40621
VI LOUISIANA	-Department of Labor, P.O. Box 44094, Capitol Station, Baton Rouge 70804
I MAINE	-Division of Research and Analysis, Department of Labor, 20 Union Street, Augusta 04330
III MARYLAND	-Research and Analysis Division, Department of Human Resources, 1100 North Eutaw Street, Baltimore 21201
I MASSACHUSETTS	-Division of Employment Security, Charles F. Hurley Building, Government Center, Boston 02114
V MICHIGAN	-Research and Statistics Division, Employment Security Commission, 7310 Woodward Avenue, Detroit 48202
V MINNESOTA	-Department of Jobs and Training, 390 North Robert Street, St. Paul 55101
IV MISSISSIPPI	-Labor Market Information Department, Employment Security Commission, P.O. Box 1699, Jackson 39215-1699
VII MISSOURI	-Division of Employment Security, P.O. Box 59, Jefferson City 65104
VIII MONTANA	-Department of Labor and Industry, P.O. Box 1728, Helena 59601
VII NEBRASKA	-Division of Employment, Department of Labor, P.O. Box 94600, Lincoln 68509
IX NEVADA	-Employment Security Department, 500 East Third Street, Carson City 89713
I NEW HAMPSHIRE	-Department of Employment Security, 32 South Main Street, Concord 03301
II NEW JERSEY	-Division of Planning and Research, Department of Labor, P.O. Box 2765, Trenton 08625
VI NEW MEXICO	-Employment Services Division, Employment Security Department, P.O. Box 1928, Albuquerque 87103
II NEW YORK	-Division of Research and Statistics, Department of Labor, State Campus, Building 12, Albany 12240
IV NORTH CAROLINA	-Labor Market Information Division, Employment Security Commission, P.O. Box 25903, Raleigh 27611
VIII NORTH DAKOTA	-Job Service, P.O. Box 1537, Bismarck 58502
V OHIO	-Labor Market Information Division, Bureau of Employment Services, P.O. Box 1618, Columbus 43216
VI OKLAHOMA	-Research and Planning Division, Employment Security Commission, 310 Will Rogers Memorial Office Building, Oklahoma City 73105
X OREGON	-Employment Division, Department of Human Resources, 875 Union Street N.E., Salem 97311
III PENNSYLVANIA	-Research and Statistics Division, Department of Labor and Industry, 7th and Forster Streets, Harrisburg 17121
II PUERTO RICO	-Department of Labor and Human Resources, Bureau of Labor Statistics, 505 Munoz Rivera Ave., 17th Fl., Hato Rey 00918 (CES). Bureau of Employment Security, 505 Munoz Rivera Ave., 15th Fl., Hato Rey 00918 (LAUS)
I RHODE ISLAND	-Department of Employment Security, 24 Mason Street, Providence 02903
IV SOUTH CAROLINA	-Employment Security Commission, P. O. Box 995, Columbia 29202
VIII SOUTH DAKOTA	-Department of Labor, P.O. Box 1730, Aberdeen 57401
IV TENNESSEE	-Department of Employment Security, Cordell Hull Office Building, Room 519, Nashville 37219
VI TEXAS	-Employment Commission, 15th and Congress Avenue, Austin 78778
VIII UTAH	-Department of Employment Security, P.O. Box 11249, Salt Lake City 84147
I VERMONT	-Department of Employment and Training, P.O. Box 488, Montpelier 05602
III VIRGINIA	-Division of Research and Analysis, Employment Commission, P.O. Box 1358, Richmond 23211
II VIRGIN ISLANDS	-Bureau of Labor Statistics, Department of Labor, P.O. Box 818, St. Thomas 00801
X WASHINGTON	-Employment Security Department, 212 Maple Park, Olympia 98504
III WEST VIRGINIA	-Division of Labor and Economic Security, Depart. of Employment Security, 112 California Avenue, Charleston 25305
V WISCONSIN	-Department of Industry, Labor, and Human Relations, P.O. Box 7944, Madison 53707
VIII WYOMING	-Employment Security Commission, P.O. Box 2760, Casper 82602