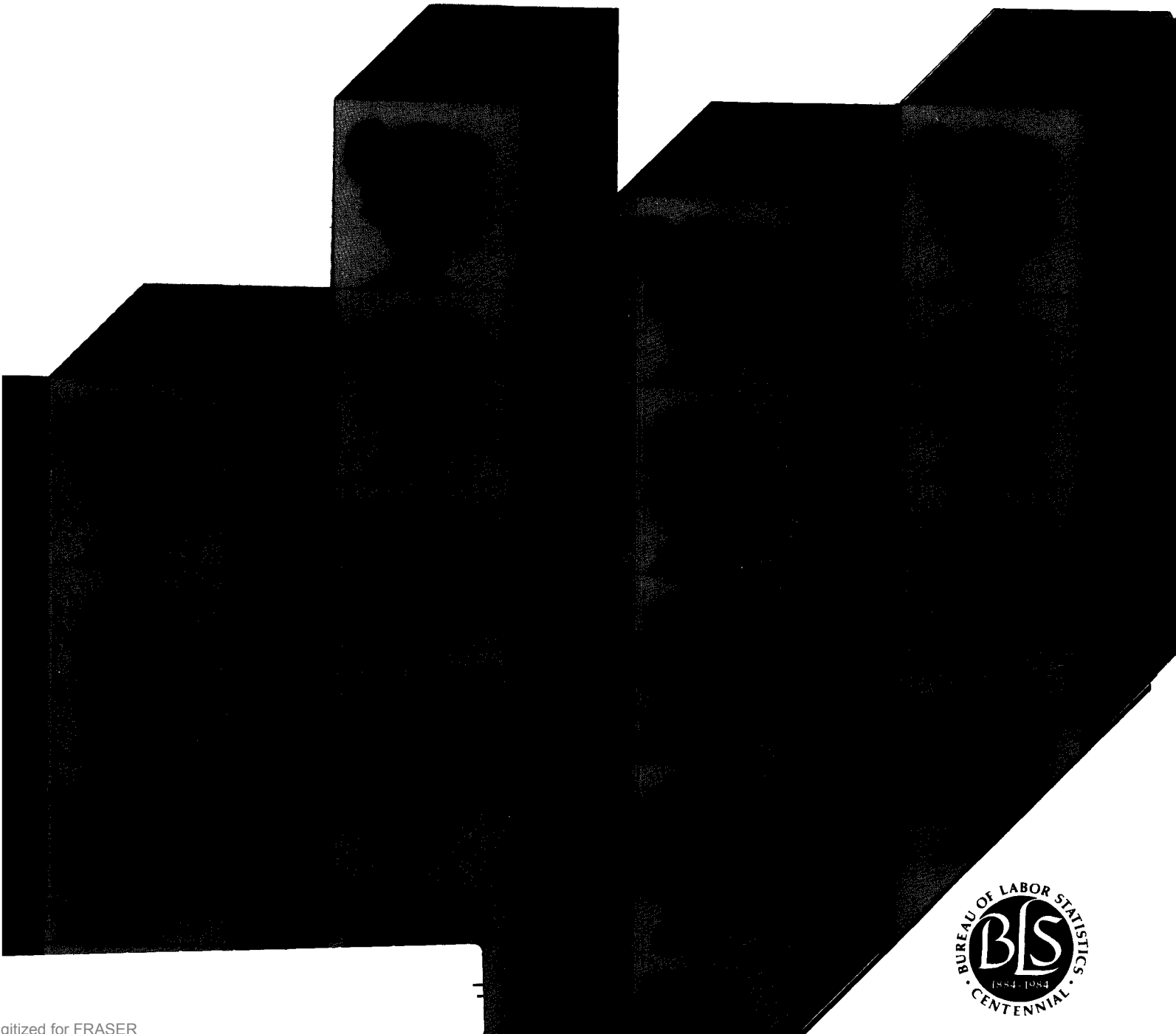


EMPLOYMENT AND EARNINGS

May 1984

U.S. Department of Labor
Bureau of Labor Statistics

In this issue:
Annual averages for
States and areas





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

BUREAU OF LABOR STATISTICS
Janet L. Norwood, Commissioner

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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:

Household data

Annual averages	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, poverty-nonpoverty area data, family relationship data, weekly earnings data	Jan., Apr., July, Oct.

Establishment data

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Industry detail (final)	Mar.
Women employees detail (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 unemployment data

Annual averages	May
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¹ Issue varies. Latest revised data introduced June 1983.

² Month of publication varies. The latest supplement was published in July 1983.

Employment and Earnings

Vol. 31 No. 5 May 1984

Editors: Gloria Peterson Green, Rosalie K. Epstein

Editors' note

The national establishment-based series on employment, hours, and earnings in next month's issue of *Employment and Earnings* will reflect the annual revision to new benchmark levels and updated seasonal adjustment factors.

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Employment and Unemployment Developments, April 1984

Employment continued to increase in April and unemployment was unchanged. The overall unemployment rate, 7.7 percent, and the rate for civilian workers, 7.8 percent, each remained at the levels which prevailed in February and March.

Civilian employment—as measured by the monthly survey of households—rose by 260,000 in April to 104.4 million, seasonally adjusted. The number of employees on nonagricultural payrolls—as measured by the monthly survey of establishments—increased by 410,000 to 92.9 million, seasonally adjusted. The April job gain was led by strong advances in services, manufacturing, and construction. The factory workweek rose six-tenths of an hour to 41.2 hours in April, the highest level in nearly 2 decades.

Unemployment

The number of unemployed persons and the unemployment rate were both unchanged in April after seasonal adjustment. A total of 8.8 million persons were unemployed; the civilian worker jobless rate was 7.8 percent, about the same as in the 2 previous months but nearly 3 percentage points below the late 1982 recession high.

Among the major worker groups, the unemployment rate for adult men, at 6.9 percent, was about unchanged in April. The rate for adult women, also about unchanged from March, has been almost the same as that for adult men over the February-April period. This is in contrast to the pattern which prevailed from mid-1982 through January 1984, when the rate for adult men, who were affected much more severely by the recession, exceeded that for adult women. The teenage unemployment rate (19.4 percent in April) has shown little change since last November, after declining moderately from a recession high of over 24 percent. Jobless rates for whites (6.7 percent), blacks (16.8 percent), and Hispanics (11.5 percent) all held steady between March and April. (See tables A-33 and A-34.)

In terms of the duration of unemployment, there was little change in the individual duration categories. Half of the unemployed were jobless for 8 weeks or less. (See table A-40.)

Job losers—persons on layoff who expect to return to their job, as well as those who have permanently lost their job—accounted for 51 percent of total unemploy-

ment in April, compared with 62 percent in November 1982. Unemployment among persons on layoff declined to 1.1 million in April, substantially below the recession high of 2.5 million in September 1982. (See table A-41.)

Civilian employment and the labor force

Civilian employment continued to increase from March to April, with most of the gain taking place among adult women. At 104.4 million, seasonally adjusted, civilian employment has advanced by 5.4 million from the 1982 recession low. During the 17-month recovery period, strong employment gains were posted by adult men (2.9 million) and women (2.4 million). Teenage employment held about steady, as declines in their population were offset by increases in the proportion of teenagers with jobs.

The civilian labor force rose by about 330,000 to 113.2 million in April. Over the year, labor force growth totaled nearly 2.3 million—about 1.4 million adult women and 950,000 adult men. (See table A-33.)

Industry payroll employment

Nonagricultural payroll employment rose by 410,000 in April, following a smaller increase in March. Gains were quite widespread as more than two-thirds of the 186 industries in the BLS diffusion index posted over-the-month increases. At 92.9 million, payroll employment was up more than 4.1 million since November 1982. (See tables B-4 and B-7.)

Almost half of the April job gains were in the goods-producing sector. Mining employment was up by nearly 10,000 and construction by about 75,000; most of the construction gains occurred among special trade contractors (contractors specializing in masonry, concrete, electrical work, etc.). Factory employment continued to rise, posting a gain of 100,000. Durable goods increases occurred largely in machinery and electrical and electronic equipment, while in nondurable goods, food processing and printing and publishing posted the strongest job growth.

Within the service-producing sector, a particularly sizable employment increase took place in the services industry—175,000—with business services accounting for a large part of this gain. Employment advances also took place in wholesale trade and finance, insurance, and real estate.

Weekly hours

Average weekly hours for production or nonsupervisory workers on nonagricultural payrolls rose by 0.4 hour to 35.6 hours in April, after falling slightly in the prior 2 months. The April level was the highest since early 1980. While all major industry groups posted increases on a seasonally adjusted basis, the workweek in manufacturing registered the largest gain. Total manufacturing hours and factory overtime were up 0.6 hour and 0.3 hour to the unusually high levels of 41.2 and 3.7 hours, respectively. (See table C-6.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls rose 1.5 percent to 111.5 (1977 = 100) in April. The largest increase was in construction (4.9 percent), which had fallen sharply in the previous month, due largely to bad weather during the March survey week. A gain in the manufacturing index of 2.3 percent reflected strong increases in both hours and employment; manufacturing was up 15.5 percent from November 1982. (See table C-7.)

Hourly and weekly earnings

Average hourly earnings rose 0.6 percent in April, seasonally adjusted. Coupled with the strong gain in the average workweek, there was a rise of almost 1.7 percent in average weekly earnings. Before adjustment for seasonality, average hourly earnings rose 5 cents in April to \$8.29, and weekly earnings rose by \$4.25 to \$293.47. Over the year, hourly earnings were up 35 cents, and weekly earnings rose by \$17.95. (See tables C-1 and C-8.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 159.6 (1977 = 100) in April, seasonally adjusted, an increase of 0.5 percent from March. For the 12 months ended in April, the increase (before seasonal adjustment) was 3.6 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI decreased 0.1 percent during the 12-month period ended in March. (See table C-8.)

Redesign of the Sample for the Current Population Survey

*Kathleen P. Creighton and Robert Wilkinson

The Current Population Survey (CPS), sponsored by the Bureau of Labor Statistics and conducted by the Bureau of the Census, is a sample survey conducted monthly to obtain reliable estimates of labor force characteristics of the population of working age.

Since the inception of the CPS in 1940, the sample has been redesigned several times, most recently in the early 1970's, to upgrade the quality and reliability of the data and to meet changing data needs. Beginning in April 1984, the current design is being phased out through a series of changes that will be completed in July 1985. This article discusses the scope and nature of these changes and their impact upon the survey methodology and the estimates derived from the CPS.

There are three important reasons for redesigning the CPS at this time: (1) To make use of data from the 1980 census in order to update the sampling frame, as is done after every decennial census; (2) to take advantage of recent research findings to improve the efficiency and quality of the survey; and (3) to meet the increased need for State data. Improved estimation procedures will also be introduced as an adjunct to the redesign.

New design objectives

The CPS is a monthly probability sample based on a stratified sampling scheme. In the first stage of sampling, primary sampling units (PSU's) are selected. These PSU's correspond to substate areas, usually counties or groups of counties, and are grouped into clusters called strata. Within each stratum, a single PSU is chosen for the sample, with probability proportional to its population as of the most recent decennial census. This PSU represents the entire stratum from which it was selected. In the case of strata consisting of only one PSU, the PSU is chosen with certainty.

At the time it was put into place, the current (1970) design was intended to provide reliable national estimates of labor force characteristics. Strata were defined within four regions of the United States, with many strata crossing State boundaries. Beginning in the mid-1970's, more accurate estimates of State labor force

data were needed. Because the national design was unable to provide these estimates at the desired level of reliability for all States, additional sample areas were selected to achieve this goal. Although the resulting sample design was an efficient solution to a short-term problem, it was not the best design for producing both State and national estimates.

The redesign provides the first opportunity to increase efficiency for State data. The first step, as recommended by the National Commission on Employment and Unemployment Statistics,¹ is to introduce a "State-based" design. All strata are defined within State boundaries, and the sample is allocated among the States to produce State and national estimates with the required reliability while keeping total sample size to a minimum. Improved reliability of State data will be achieved with about the same sample size as in the 1970 design. A byproduct of the increased reliability for State estimates will be gains in accuracy for data on persons of Hispanic origin as well.

Specific goals for the new design include:

1. Maintaining the same reliability as the 1970 design on national monthly estimates of levels and changes for the labor force by major characteristics,
2. Reducing the coefficient of variation (CV) for annual State estimates of the total number of unemployed persons to 8 percent, at a 6-percent unemployment rate, and
3. Reducing the CV for monthly State estimates of the total number of unemployed persons in the 11 largest States (California, Florida, Illinois, Massachusetts, Michigan, New Jersey, New York, North Carolina, Ohio, Pennsylvania, and Texas) to 8 percent, assuming a 6-percent unemployment rate.

In addition to meeting the changing survey objectives, the new design uses the 1980 decennial census as the main sampling frame. This use of more recent information in forming and selecting the new PSU's improves the efficiency of the design.

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¹ National Commission on Employment and Unemployment Statistics, *Counting the Labor Force* (Washington, D.C., U.S. Government Printing Office, Labor Day 1979). pp. 128-29.

The efficiency and quality of the new design will also be enhanced by incorporating the findings of research conducted since the 1970 design was implemented. For example, improved procedures were used in stratifying the sample.²

Finally, improved estimation procedures will be introduced into the CPS in January 1985. Although incidental to the redesign process, these changes will increase the reliability of estimates obtained when the new design is in place.

Phase-in of the new design

The phase-in of the new design will take place in two waves. The first will involve "continuing" areas, those selected in both the old and new design. The sampling frame in these areas is being updated beginning in April 1984 and continuing through July 1985. Ninety percent of the entire sample is in "continuing" areas.

The second wave involves changing the areas selected for sampling. From November 1984 through June 1985, some areas newly selected will gradually replace some selected in the old design but not in the new one. Sample households selected from address lists obtained from the 1980 census will replace households selected from the 1970 census lists and from permits for new residential construction issued since 1970.

The redesigned sample will contain 729 out of a total of 1,973 geographic areas in the United States. In the 1970 design, 629 areas were chosen to represent the 1,924 areas into which the country was divided. The areas used in the 1970 and 1980 designs are not completely comparable because many of the sample areas were redefined for 1980. This redefinition was carried out for a number of reasons. Primary among these was the shift from a sample designed to produce national estimates to one designed to produce both State and national estimates. In addition, some sampling areas were redefined to correspond to the new metropolitan area definitions, and others were redefined to improve efficiency in field operations, as explained later.

In both the 1970 and 1980 designs, the sample is divided into eight approximately equal rotation groups. The 1980 CPS design uses the same rotation pattern as the 1970 design, in which a rotation group is interviewed for 4 consecutive months, temporarily leaves the sample for 8 months, and then returns for 4 more consecutive months before retiring permanently from the CPS (after a total of eight interviews).

Continuing areas. From April 1984 through July 1985, the new CPS design will be phased in for continuing

² Some of the technical changes being made in the sample design and estimation procedures are described in detail by Gary M. Shapiro in "Planned Improvements in the Redesign of Census Bureau Demographic Surveys as the Result of Research," *Proceedings of the Section on Survey Research Methods of the American Statistical Association*, 1982, pp. 193-98.

areas one rotation group at a time. This consists of gradually replacing sample materials selected from the 1970 census-based frame with materials selected from the 1980 census-based frame. This gradual phase-in minimizes effects on the continuity of the CPS data series. In the replacement process, sample sizes within individual areas may change, but the total sample size for the survey will remain about the same. Each month from April through July 1984, an additional rotation group of the new sample will be phased in. By July 1984, half the sample in continuing areas will be obtained from the new design. Due to the rotation pattern, this proportion will not change between July 1984 and April 1985. Then, from April through July 1985, the old design sample will again be replaced by the new design sample at the rate of one rotation group per month. In July 1985, the phase-in of the new sample will be complete. This pattern is depicted in table 1.

New sample areas. In November 1984, the new sample areas will begin to replace the outgoing areas. The effects of this change are expected to be minor, because the sample in new and outgoing areas accounts for only about 10 percent of the national estimate. As shown in table 1, from November 1984 through February 1985, the new areas will be introduced at the rate of one rotation group per month. From March through June 1985, two rotation groups in the new areas will be phased in each month. One of these will replace a retiring rotation group from the old design, and the other will replace a rotation group from the old design that would otherwise have returned to the sample for its fifth interview. For this reason, the normal rotation pattern in these areas will not be preserved during this period. The replacement of outgoing areas with new areas will be completed

Table 1. Rotation group redesign scheme

Year and month	Continuing PSU's (90 percent)		Replacement PSU's (10 percent)		Overall percent of households on 1980 design
	New sample rotations	Old sample rotations	New sample rotations	Old sample rotations	
1984:					
Apr	1	7	0	8	11.0
May	2	6	0	8	22.0
June	3	5	0	8	33.0
July	4	4	0	8	44.0
Aug	4	4	0	8	44.0
Sept	4	4	0	8	44.0
Oct	4	4	0	8	44.0
Nov	4	4	1	7	45.5
Dec.	4	4	2	6	47.0
1985:					
Jan	4	4	3	5	48.5
Feb	4	4	4	4	50.0
Mar	4	4	5	3	51.0
Apr	5	3	6	2	64.0
May	6	2	7	1	77.5
June	7	1	8	0	89.0
July	8	0	8	0	100.0

in June 1985, one month before the phase-in of continuing areas is completed.

As the new areas are phased in, the weighting factors used in computing estimates must be updated to account for the change in areas included in the sample. These factors include the noninterview adjustment and the first-stage estimation procedure. (See the Explanatory Notes for descriptions of these procedures.) These updated factors will be introduced into the estimation process at the same rate as the new sample areas are introduced into the sample.

Effects of the changeover

Field operations. Because new areas will be phased into the sample and some old areas will be dropped, increased hiring and training of the interviewing staff, as well as some dismissals, will be required during this time period. To minimize the possible impact of an influx of inexperienced interviewers into the CPS program, training of interviewers for new areas will include a 3-month period during which they will be given assignments but their work will be excluded from the actual estimates. By the fourth month, they will have completed 3 months of trial interviewing, a 3-day classroom training session, and 4 months of home study. At this point, the data collected from the new interviewers' assignments will be included in the monthly estimates.

Efforts also will be made to maintain the experienced staff of interviewers who will be affected by the phase-out of certain sample areas, either by offering work in adjacent, continuing sample areas or by offering work on other programs. In any event, these interviewers will be notified in advance of the phase-out of their sample areas. Their work during this period will be closely monitored to avoid any adverse impact that their anticipation of termination may have on the data.

A consequence of the redesign is the introduction of new sample forms and control cards for use in the 1980 sample areas. Since the basic labor force questionnaire will remain unchanged, changes to these other forms will have no impact on the actual labor force data.

Continuity of data series. Two aspects of introducing the new CPS design have the potential of affecting published estimates. These are the temporary disruption of the rotation pattern from March through June 1985 for a comparatively small portion of the overall sample and the actual change in sample areas. In addition, the concurrent improvements in the estimation procedure and the use of updated definitions of metropolitan areas, both planned for January 1985, will have some effect on CPS data series.

Labor force estimates in the CPS are affected by changes in the rotation pattern because of a relationship between the number of times a rotation group has been

interviewed and the expected value of the estimate obtained from the group. Normally, the eight rotation groups contributing to the published estimate are evenly distributed in terms of the number of times they have been in the sample, from one through eight. However, when the new areas are phased in at the rate of two rotation groups at a time, this even distribution by time in sample is lost. For example, in March 1985, two rotation groups will be in sample for the first time and none for the fifth time. Since published CPS estimates represent averages of the eight rotation group estimates, a change in the time-in-sample distribution from 1 month to another will cause a difference between the overall estimates for those months, even though the actual value of the characteristic being estimated may not have changed at all. Similarly, this effect might mask real differences between estimates. The Bureau of the Census and BLS have examined the potential effects of this disruption to the rotation pattern on major published estimates and expect them to be negligible.

In addition to the temporary phase-in effect discussed above, the new design may produce some small permanent differences, particularly in State estimates. These differences are the result of restratifying the sampling frame within each State for the 1980 design, selecting a different set of sample PSU's to represent each State, and adjusting the weighting factors to reflect this change. These differences may appear to be discontinuities in the CPS data series but are in fact manifestations of between-PSU variation. The most notable estimate likely to be affected by the change in sample areas is agricultural employment, but the effect is expected to be small.

The introduction of new sample areas also will cause a slight increase in the variance of year-to-year change estimates published in 1985 and 1986. This is because the overlapping sample between CPS estimates for the same month, 1 year apart, will decrease from the usual 50 percent to a minimum of 45 percent. The decrease in the sample overlap occurs in equal increments, beginning in March 1985. The minimum overlap of 45 percent occurs from June through October 1985, after which the overlay increases in equal increments to 50 percent in February 1986. For characteristics concentrated in areas represented by new and outgoing PSU's, this increase in the variation of year-to-year change estimates will be larger. The sample changes will have no effect on the variance of month-to-month change estimates.

As indicated earlier, improvements in the estimation procedures are being introduced, quite apart from the redesign itself, effective with data for January 1985. These improvements—involving the second-stage ratio adjustment and composite estimation procedures—are expected to increase the accuracy of the estimates. They may be noticed as slight differences in the published estimates at the time of introduction in January 1985.

Finally, changes in the definitions of metropolitan areas, discussed in detail below, will increase the CPS estimates of metropolitan populations at both the State and national levels and, correspondingly, decrease the nonmetropolitan area population.

Metropolitan areas. Most of the known impact on estimates during and after the sample redesign will be the result of changing from 1970 to 1980 geographic definitions. The sample based on the 1980 design will incorporate the geographic definitions from the 1980 census, while the sample based on the 1970 design will continue to incorporate 1970 census definitions. To minimize the impact on these estimates and to insure that the entire sample reflects consistent area definitions, the 1980 definitions will be converted to 1970 equivalent designations through December 1984. For example, if a 1980 sample area is inside a metropolitan area based on 1980 census data but outside a metropolitan area based on 1970 census data, it would be considered nonmetropolitan until the change is made to the new geographic definitions in January 1985. At that time, the reverse of this geographic conversion will occur. The geographic information for the remaining sample selected from the 1970 sampling frame will be converted to reflect the new definitions.

The geographic conversions described above should have little or no impact on the national metropolitan-nonmetropolitan estimates through the third quarter of this year. Some variability in the data for the subsequent three quarters will occur as new sample areas are phased in and old areas are phased out.

Another feature associated with the introduction of updated geographic definitions into the CPS is the use of new terminology for metropolitan areas—Metropolitan Statistical Areas (MSA's), Consolidated Metropolitan Statistical Areas (CMSA's), and Primary Metropolitan Statistical Areas (PMSA's). These terms replace the 1970

terms, Standard Metropolitan Statistical Areas (SMSA's) and Standard Consolidated Statistical Areas (SCA's). An MSA stands alone and is not closely associated with other metropolitan areas. MSA's typically are surrounded by nonmetropolitan counties and have either a city or an urbanized area with a population of a least 50,000 and a total population of at least 100,000. If an area has a population of more than 1 million and meets certain other requirements, it is termed a CMSA. CMSA's consist of major components called PMSA's.³

In January 1985, 1980 census geographic definitions will be used for the entire sample, and the 1983 metropolitan-nonmetropolitan area designations based on 1980 census results will be introduced. This will affect the quarterly published estimates of the metropolitan population, since the number of metropolitan areas increased from 243 under 1970 definitions to 318 areas under 1983 definitions. After completion of the sample phase-in, estimates of the total metropolitan population will be approximately 20 million higher than at present because of the use of the new definitions for metropolitan areas. The impact on CPS data for specific metropolitan areas—which, except for New York and Los Angeles, are published on an annual average basis—will vary according to how each is affected by any 1983 redefinition.

Some geographic classifications, however, cannot be readily converted to 1970 (or 1980) equivalents. These include poverty and nonpoverty areas and urban and rural areas. Since 1974, quarterly and annual estimates for poverty and nonpoverty areas based on 1970 census definitions have been a regular feature of this publication; as indicated in table A-69 of the April 1984 issue, publication of these data is being suspended until the fourth quarter of 1985, at which time all data will be based on the new design.

³ A complete listing of 1983 MSA's, CMSA's and, PMSA's is available in the Office of Management and Budget Release 83-20.

**HOUSEHOLD DATA
HISTORICAL**

A-1. Employment status of the noninstitutional population 16 years and over, 1951 to date

(Numbers in thousands)

Year and month	Noninstitutional population	Labor force									Not in labor force	
		Number	Percent of population	Employed						Unemployed		
				Total	Resident Armed Forces	Civilian			Number	Percent of labor force		
						Total	Agriculture	Nonagricultural industries				
Annual averages												
1951	106,764	64,160	60.1	62,104	2,143	59,961	6,726	53,235	2,055	3.2	42,604	
1952	107,617	64,524	60.0	62,636	2,386	60,250	8,500	53,749	1,883	2.9	43,093	
1953 ¹	109,287	65,246	59.7	63,410	2,231	61,179	6,260	54,919	1,834	2.8	44,041	
1954	110,463	65,785	59.6	62,251	2,142	60,109	6,205	53,904	3,532	5.4	44,678	
1955	111,747	67,087	60.0	64,234	2,064	62,170	6,450	55,722	2,852	4.3	44,660	
1956	112,919	68,517	60.7	65,764	1,965	63,799	6,283	57,514	2,750	4.0	44,402	
1957	114,213	88,877	60.3	66,019	1,948	64,071	5,947	58,123	2,859	4.2	45,336	
1958	115,574	69,486	60.1	64,883	1,847	63,036	5,586	57,450	4,602	6.6	46,088	
1959	117,117	70,157	59.9	66,418	1,788	64,630	5,565	59,065	3,740	5.3	46,960	
1960 ¹	119,106	71,489	60.0	67,639	1,861	65,778	5,458	60,318	3,852	5.4	47,617	
1961	120,671	72,359	60.0	67,646	1,900	65,746	5,200	60,546	4,714	6.5	48,312	
1962 ¹	122,214	72,675	59.5	68,763	2,061	66,702	4,944	61,759	3,911	5.4	49,539	
1963	124,422	73,839	59.3	69,768	2,006	67,762	4,667	63,076	4,070	5.5	50,583	
1964	126,503	75,109	59.4	71,323	2,018	69,305	4,523	64,782	3,786	5.0	51,394	
1965	128,459	76,401	59.5	73,034	1,946	71,088	4,381	66,726	3,366	4.4	52,058	
1966	130,180	77,892	59.8	75,017	2,122	72,895	3,979	68,915	2,875	3.7	52,288	
1967	132,092	79,565	60.2	76,590	2,218	74,372	3,844	70,527	2,975	3.7	52,527	
1968	134,281	80,990	60.3	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291	
1969	136,573	82,972	60.8	80,140	2,238	77,902	3,806	74,296	2,832	3.4	53,602	
1970	139,203	84,889	61.0	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315	
1971	142,189	86,355	60.7	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834	
1972 ¹	145,939	88,847	60.9	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091	
1973 ¹	148,870	91,203	61.3	86,838	1,774	85,064	3,470	81,594	4,365	4.8	57,667	
1974	151,841	93,670	61.7	88,515	1,721	86,794	3,515	83,279	5,156	5.5	58,171	
1975	154,831	95,453	61.6	87,524	1,678	85,846	3,408	82,438	7,929	8.3	59,377	
1976	157,818	97,826	62.0	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991	
1977	160,689	100,665	62.6	93,673	1,658	92,017	3,283	88,734	6,991	6.9	60,025	
1978 ¹	163,541	103,882	63.5	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659	
1979	166,460	106,559	64.0	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900	
1980	169,349	108,544	64.1	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806	
1981	171,775	110,315	64.2	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460	
1982	173,939	111,872	64.3	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067	
1983	175,891	113,226	64.4	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665	
Monthly data, seasonally adjusted²												
1983:												
April	175,465	112,646	64.2	101,277	1,671	99,606	3,392	96,214	11,369	10.1	62,819	
May	175,622	112,619	64.1	101,431	1,669	99,762	3,374	96,388	11,188	9.9	63,003	
June	175,793	113,573	64.6	102,411	1,668	100,743	3,479	97,264	11,162	9.8	62,220	
July	175,970	113,489	64.5	102,889	1,664	101,225	3,499	97,726	10,600	9.3	62,481	
August	176,122	113,799	64.6	103,166	1,682	101,484	3,449	98,035	10,633	9.3	62,323	
September	176,297	113,924	64.6	103,571	1,695	101,876	3,308	98,568	10,353	9.1	62,373	
October	176,474	113,561	64.3	103,665	1,695	101,970	3,240	98,730	9,896	8.7	62,913	
November	176,636	113,720	64.4	104,291	1,685	102,608	3,257	99,349	9,429	8.3	62,916	
December	176,809	113,824	64.4	104,629	1,688	102,941	3,356	99,585	9,195	8.1	62,985	
1984:												
January	177,219	113,901	64.3	104,876	1,686	103,190	3,271	99,918	9,026	7.9	63,318	
February	177,363	114,377	64.5	105,576	1,684	103,892	3,395	100,496	8,801	7.7	62,986	
March	177,510	114,598	64.6	105,826	1,686	104,140	3,281	100,859	8,772	7.7	62,912	
April	177,662	114,938	64.7	106,095	1,693	104,402	3,393	101,009	8,843	7.7	62,724	

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

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

**HOUSEHOLD DATA
HISTORICAL**

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1973 to date

(Numbers in thousands)

Sex, year, and month	Noninstitutional population	Labor force									Not in labor force	
		Number	Percent of population	Employed						Unemployed		
				Total	Resident Armed Forces	Civilian			Number	Percent of labor force		
						Total	Agriculture	Nonagricultural industries				
Annual averages												
MEN												
1973 ¹	71,017	58,349	79.3	54,074	1,725	52,349	2,847	49,502	2,275	4.0	14,667	
1974	72,466	57,397	79.2	54,682	1,656	53,024	2,919	50,105	2,714	4.7	15,069	
1975	73,891	57,899	78.4	53,457	1,600	51,857	2,824	49,032	4,442	7.7	15,993	
1976	75,341	58,756	78.0	54,720	1,582	53,138	2,744	50,394	4,036	6.9	16,585	
1977	76,756	59,959	78.1	56,291	1,563	54,728	2,671	52,057	3,667	6.1	16,797	
1978 ¹	78,107	61,151	78.3	58,010	1,531	56,479	2,718	53,761	3,142	5.1	16,956	
1979	79,509	62,215	78.2	59,096	1,489	57,607	2,686	54,921	3,120	5.0	17,293	
1980	80,877	62,932	77.8	58,665	1,479	57,186	2,709	54,477	4,267	6.8	17,945	
1981	82,023	63,486	77.4	58,909	1,512	57,397	2,700	54,697	4,577	7.2	18,537	
1982	83,052	63,979	77.0	57,600	1,529	56,271	2,736	53,534	6,179	9.7	19,073	
1983	84,064	64,580	76.8	58,320	1,533	56,787	2,704	54,083	6,260	9.7	19,484	
Monthly data, seasonally adjusted²												
1983:												
April	83,856	64,311	78.7	57,569	1,530	56,059	2,707	53,352	6,722	10.5	19,545	
May	83,931	64,348	76.7	57,744	1,528	56,216	2,715	53,501	6,604	10.3	19,583	
June	84,014	64,778	77.1	58,369	1,525	56,844	2,784	54,060	6,409	9.9	19,238	
July	84,099	64,840	77.1	58,592	1,521	57,071	2,812	54,259	6,248	9.6	19,259	
August	84,173	64,807	77.0	58,607	1,538	57,089	2,762	54,307	6,200	9.6	19,366	
September	84,261	64,877	77.0	58,828	1,549	57,279	2,676	54,603	6,049	9.3	19,384	
October	84,344	64,709	76.7	58,950	1,543	57,407	2,595	54,812	5,759	8.9	19,635	
November	84,423	64,646	76.8	59,389	1,534	57,855	2,575	55,280	5,457	8.4	19,577	
December	84,506	64,838	76.7	59,580	1,537	58,043	2,650	55,393	5,258	8.1	19,668	
1984:												
January	84,745	64,930	76.6	59,781	1,542	58,239	2,605	55,635	5,149	7.9	19,815	
February	84,811	65,093	76.8	60,147	1,540	58,607	2,697	55,910	4,946	7.6	19,718	
March	84,880	65,156	76.8	60,290	1,542	58,748	2,636	56,112	4,667	7.5	19,724	
April	84,953	65,212	76.8	60,293	1,548	58,745	2,720	56,026	4,919	7.5	19,741	
Annual averages												
WOMEN												
1973 ¹	77,853	34,853	44.8	32,764	49	32,715	622	32,093	2,089	6.0	43,000	
1974	79,375	36,274	45.7	33,832	63	33,769	596	33,173	2,441	6.7	43,101	
1975	80,938	37,553	46.4	34,067	78	33,989	584	33,404	3,488	9.3	43,386	
1976	82,476	39,069	47.4	35,701	86	35,615	588	35,027	3,369	8.8	43,406	
1977	83,932	40,705	48.5	37,381	92	37,289	612	36,677	3,324	8.2	43,227	
1978 ¹	85,434	42,731	50.0	39,869	100	39,569	669	38,900	3,061	7.2	42,703	
1979	86,951	44,343	51.0	41,325	108	41,217	661	40,556	3,018	6.8	42,608	
1980	88,472	45,611	51.8	42,241	124	42,117	656	41,461	3,370	7.4	42,861	
1981	89,751	46,829	52.2	43,133	133	43,000	667	42,333	3,696	7.9	42,922	
1982	90,867	47,894	52.7	43,395	139	43,256	665	42,591	4,499	9.4	42,993	
1983	91,827	48,648	53.0	44,190	143	44,047	680	43,367	4,457	9.2	43,181	
Monthly data, seasonally adjusted²												
1983:												
April	91,609	48,335	52.8	43,668	141	43,547	685	42,862	4,647	9.8	43,274	
May	91,691	48,271	52.6	43,667	141	43,548	859	42,887	4,584	9.5	43,420	
June	91,779	48,795	53.2	44,042	143	43,899	695	43,204	4,753	9.7	42,964	
July	91,871	48,649	53.0	44,297	143	44,154	687	43,467	4,352	8.9	43,222	
August	91,949	48,992	53.3	44,559	144	44,415	687	43,728	4,433	9.0	42,957	
September	92,036	49,047	53.3	44,743	146	44,597	632	43,965	4,304	8.8	42,989	
October	92,129	48,852	53.0	44,715	152	44,563	645	43,918	4,137	8.5	43,277	
November	92,214	48,874	53.0	44,802	151	44,751	662	44,069	3,972	8.1	43,340	
December	92,302	48,986	53.1	45,049	151	44,898	706	44,192	3,937	8.0	43,316	
1984:												
January	92,474	48,971	53.0	45,094	144	44,950	667	44,284	3,876	7.9	43,503	
February	92,552	49,283	53.2	45,429	144	45,285	898	44,587	3,855	7.8	43,269	
March	92,630	49,442	53.4	45,536	144	45,392	646	44,747	3,905	7.9	43,188	
April	92,709	49,725	53.6	45,802	145	45,657	673	44,983	3,924	7.9	42,984	

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

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

A-3. Employment status of the civilian noninstitutional population 16 years and over, 1951 to date

(Numbers in thousands)

Year and month	Civilian noninstitutional population	Civilian labor force				Unemployment rates		
		Total	Percent of population	Employed	Unemployed	Total	Men	Women
Annual averages								
1951	104,621	62,017	59.2	59,961	2,055	3.3	2.8	4.4
1952	105,231	62,136	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
Monthly data, seasonally adjusted²								
1983:								
April	173,794	110,975	63.9	99,606	11,369	10.2	10.7	9.6
May	173,953	110,950	63.6	99,762	11,188	10.1	10.5	9.5
June	174,125	111,905	64.3	100,743	11,162	10.0	10.1	9.8
July	174,306	111,825	64.2	101,225	10,600	9.5	9.9	9.0
August	174,440	112,117	64.3	101,464	10,633	9.5	9.8	9.1
September	174,602	112,229	64.3	101,876	10,353	9.2	9.6	8.8
October	174,779	111,866	64.0	101,970	9,896	8.8	9.1	8.5
November	174,951	112,035	64.0	102,606	9,429	8.4	8.6	8.2
December	175,121	112,136	64.0	102,941	9,195	8.2	8.3	8.1
1984:								
January	175,533	112,215	63.9	103,190	9,026	8.0	8.1	7.9
February	175,679	112,693	64.1	103,892	8,801	7.8	7.8	7.8
March	175,824	112,912	64.2	104,140	8,772	7.8	7.7	7.9
April	175,969	113,245	64.4	104,402	8,843	7.8	7.7	7.9

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.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	April 1984										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
TOTAL											
16 years and over	175,969	112,152	63.7	103,628	8,525	7.6	33,817	31,788	10,006	2,938	19,084
16 to 19 years	14,828	7,387	49.8	6,012	1,375	18.6	7,442	527	8,430	25	480
18 to 17 years	7,214	2,761	38.3	2,134	827	22.7	4,452	141	4,140	8	163
18 to 19 years	7,815	4,625	60.7	3,878	748	16.2	2,969	388	2,269	17	297
20 to 24 years	20,745	15,697	75.7	13,828	1,869	11.9	5,047	1,978	2,360	65	626
25 to 54 years	92,033	74,111	60.5	89,509	4,602	6.2	17,923	13,324	1,155	879	2,564
25 to 34 years	39,839	32,405	81.3	29,978	2,427	7.5	7,435	5,428	658	212	937
25 to 29 years	20,831	16,916	81.2	15,508	1,410	8.3	3,916	2,752	563	79	522
30 to 34 years	19,008	15,489	81.5	14,472	1,017	6.8	3,518	2,676	295	132	416
35 to 44 years	29,985	24,710	82.4	23,331	1,379	5.6	5,275	4,157	216	228	874
35 to 39 years	16,581	13,663	82.4	12,838	828	8.1	2,918	2,350	142	103	335
40 to 44 years	13,404	11,047	82.4	10,496	552	5.0	2,357	1,818	74	126	340
45 to 54 years	22,209	16,996	76.5	16,200	796	4.7	5,214	3,739	82	440	953
45 to 49 years	11,260	8,908	79.1	8,455	452	5.1	2,353	1,760	57	179	357
50 to 54 years	10,949	8,088	73.9	7,746	343	4.2	2,861	1,980	25	261	596
55 to 64 years	22,052	12,026	54.5	11,455	571	4.7	10,026	5,617	25	768	3,617
55 to 59 years	11,310	7,269	64.3	6,936	333	4.6	4,042	2,566	20	365	1,090
60 to 64 years	10,742	4,757	44.3	4,520	238	5.0	5,984	3,050	5	402	2,527
65 years and over	26,310	2,931	11.1	2,823	108	3.7	23,378	10,343	16	1,202	11,817
65 to 69 years	8,954	1,657	18.5	1,591	66	4.0	7,298	3,279	7	263	3,748
70 years and over	17,356	1,275	7.3	1,233	43	3.4	18,081	7,064	9	939	8,068
Men											
16 years and over	83,405	63,027	75.6	58,117	4,909	7.8	20,378	478	5,125	1,672	13,102
16 to 19 years	7,431	3,823	51.4	3,095	728	19.0	3,608	16	3,323	12	255
18 to 17 years	3,662	1,422	38.8	1,088	334	23.5	2,240	10	2,142	5	83
18 to 19 years	3,769	2,401	63.7	2,007	394	16.4	1,368	8	1,181	7	172
20 to 24 years	10,133	8,447	83.4	7,370	1,077	12.7	1,687	18	1,252	48	368
25 to 54 years	44,814	41,959	93.6	39,285	2,674	6.4	2,855	148	535	605	1,566
25 to 34 years	19,512	18,298	93.8	16,912	1,386	7.6	1,214	80	440	142	573
25 to 29 years	10,215	9,515	93.1	8,694	821	8.6	700	22	308	56	314
30 to 34 years	9,297	8,782	94.5	8,217	565	6.4	514	38	131	86	259
35 to 44 years	14,587	13,935	95.5	13,117	818	5.9	652	46	72	167	367
35 to 39 years	8,072	7,727	95.7	7,234	493	8.4	345	27	56	77	185
40 to 44 years	6,515	6,208	95.3	5,883	326	5.2	307	19	16	90	182
45 to 54 years	10,715	9,727	90.8	9,257	470	4.8	988	42	24	296	627
45 to 49 years	5,458	5,092	93.3	4,821	270	5.3	367	12	16	116	223
50 to 54 years	5,257	4,835	88.2	4,436	200	4.3	622	30	8	180	404
55 to 64 years	10,285	7,067	68.7	6,691	375	5.3	3,218	85	8	504	2,620
55 to 59 years	5,328	4,269	80.1	4,057	212	5.0	1,059	39	6	256	758
60 to 64 years	4,957	2,798	56.4	2,634	164	5.8	2,159	46	2	248	1,862
65 years and over	10,741	1,731	16.1	1,676	55	3.2	9,010	209	7	502	8,292
65 to 69 years	3,990	958	24.0	927	31	3.2	3,032	62	2	147	2,821
70 years and over	6,751	773	11.4	749	24	3.1	5,978	147	5	355	5,471
Women											
16 years and over	92,564	49,126	53.1	45,510	3,615	7.4	43,439	31,310	4,880	1,266	5,982
16 to 19 years	7,397	3,563	48.2	2,917	647	18.1	3,834	509	3,107	12	205
18 to 17 years	3,551	1,339	37.7	1,046	293	21.9	2,212	131	1,999	3	80
18 to 19 years	3,846	2,224	57.8	1,871	354	15.9	1,621	378	1,108	10	125
20 to 24 years	10,611	7,251	68.3	6,458	792	10.9	3,361	1,959	1,127	16	258
25 to 54 years	47,219	32,151	68.1	30,224	1,927	6.0	15,068	13,176	820	274	998
25 to 34 years	20,327	14,107	69.4	13,067	1,041	7.4	6,220	5,368	418	69	365
25 to 29 years	10,616	7,401	69.7	6,812	589	8.0	3,216	2,730	255	23	208
30 to 34 years	9,711	8,707	89.1	8,255	452	6.7	3,004	2,638	164	46	157
35 to 44 years	15,398	10,775	70.0	10,215	561	5.2	4,623	4,111	143	61	308
35 to 39 years	8,509	5,936	69.8	5,602	335	5.6	2,573	2,312	86	26	150
40 to 44 years	6,889	4,839	70.2	4,613	226	4.7	2,050	1,799	58	36	158
45 to 54 years	11,494	7,269	63.2	6,943	326	4.5	4,225	3,697	58	144	326
45 to 49 years	5,802	3,816	65.8	3,634	182	4.8	1,986	1,748	41	83	134
50 to 54 years	5,692	3,453	60.7	3,310	143	4.1	2,239	1,950	17	81	192
55 to 64 years	11,788	4,960	42.1	4,764	196	3.9	6,808	5,531	17	264	997
55 to 59 years	5,983	3,000	50.1	2,879	121	4.0	2,983	2,527	14	110	332
60 to 64 years	5,785	1,960	33.9	1,885	74	3.8	3,825	3,004	2	154	665
65 years and over	15,589	1,201	7.7	1,147	53	4.5	14,368	10,135	10	699	3,524
65 to 69 years	4,964	699	14.1	664	35	5.0	4,266	3,217	5	116	927
70 years and over	10,605	502	4.7	484	19	3.7	10,103	6,917	4	584	2,597

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	April 1984										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
WHITE											
16 years and over	152,178	97,825	64.2	91,244	6,381	6.5	54,553	28,024	7,691	2,315	16,522
16 to 19 years	12,221	8,538	53.5	5,499	1,039	15.9	5,863	400	4,941	22	320
16 to 17 years	5,928	2,487	42.0	1,983	504	20.3	3,441	107	3,198	7	129
18 to 19 years	6,293	4,051	64.4	3,516	535	13.2	2,242	293	1,743	15	191
20 to 24 years	17,339	13,466	77.7	12,165	1,301	9.7	3,873	1,543	1,868	42	420
25 to 54 years	79,130	64,155	81.1	60,704	3,451	5.4	14,976	11,589	845	655	1,907
25 to 34 years	33,852	27,798	82.1	28,043	1,755	6.3	6,054	4,609	623	186	656
25 to 29 years	17,695	14,533	82.1	13,519	1,014	7.0	3,161	2,310	429	65	356
30 to 34 years	16,157	13,265	82.1	12,524	741	5.8	2,892	2,299	194	101	300
35 to 44 years	25,924	21,438	82.7	20,371	1,068	5.0	4,466	3,654	183	168	501
35 to 39 years	14,323	11,841	82.7	11,204	638	7.9	2,481	2,081	103	78	232
40 to 44 years	11,602	9,597	82.7	9,168	430	4.5	2,004	1,593	60	91	269
45 to 54 years	19,355	14,918	77.1	14,289	829	4.2	4,438	3,305	80	321	751
45 to 49 years	9,738	7,757	79.7	7,394	363	4.7	1,980	1,557	39	125	270
50 to 54 years	9,617	7,161	74.5	6,896	265	5.1	2,457	1,764	20	198	480
55 to 64 years	19,668	10,792	54.9	10,306	487	4.5	8,876	5,042	23	622	3,169
55 to 59 years	10,052	6,525	64.9	6,243	282	4.3	3,527	2,273	18	293	943
60 to 64 years	9,818	4,268	44.4	4,062	205	4.8	5,349	2,769	4	329	2,246
65 years and over	23,819	2,873	11.2	2,571	103	3.8	21,148	9,471	14	974	10,666
65 to 69 years	8,104	1,515	18.7	1,454	61	4.0	6,588	2,966	6	212	3,384
70 years and over	15,715	1,157	7.4	1,117	42	3.6	14,557	8,485	9	782	7,302
Men											
16 years and over	72,646	55,522	76.4	51,603	3,720	6.7	17,123	375	3,993	1,363	11,392
16 to 19 years	8,163	3,369	54.7	2,818	551	16.4	2,794	18	2,583	13	182
16 to 17 years	3,031	1,286	42.4	1,012	274	21.3	1,748	9	1,664	8	67
18 to 19 years	3,131	2,084	66.5	1,808	277	13.3	1,048	7	919	7	115
20 to 24 years	8,517	7,248	85.1	6,490	758	10.5	1,270	12	1,003	30	225
25 to 54 years	36,985	36,883	94.6	34,840	2,043	5.5	2,103	112	393	474	1,124
25 to 34 years	18,803	15,945	84.9	14,922	1,023	8.4	858	48	327	113	371
25 to 29 years	8,805	8,296	94.2	7,867	609	7.3	509	15	246	46	201
30 to 34 years	7,998	7,850	95.6	7,235	414	5.4	348	31	81	67	170
35 to 44 years	12,752	12,270	96.2	11,829	641	5.2	482	38	46	129	268
35 to 39 years	7,044	6,792	96.4	6,418	376	5.5	252	22	36	61	131
40 to 44 years	5,709	5,478	96.0	5,214	265	4.8	230	16	10	86	137
45 to 54 years	9,430	8,667	91.9	8,288	379	4.4	783	27	19	232	486
45 to 49 years	4,774	4,511	94.5	4,284	227	5.0	262	5	11	80	166
50 to 54 years	4,856	4,156	89.2	4,004	152	3.7	501	22	7	152	319
55 to 64 years	9,250	6,448	69.7	6,129	319	4.9	2,802	57	9	420	2,318
55 to 59 years	4,795	3,905	81.4	3,723	182	4.7	890	22	6	209	653
60 to 64 years	4,454	2,543	57.1	2,406	137	5.4	1,912	34	3	211	1,663
65 years and over	9,730	1,575	16.2	1,526	49	3.1	8,158	179	5	426	7,545
65 to 69 years	3,631	878	24.2	851	27	3.1	2,753	54	-	129	2,569
70 years and over	6,099	698	11.4	675	22	3.1	5,403	125	5	297	4,976
Women											
16 years and over	79,532	42,103	52.9	39,441	2,662	6.3	37,430	27,649	3,698	952	5,130
16 to 19 years	6,058	3,169	52.3	2,680	488	15.4	2,890	384	2,358	9	136
16 to 17 years	2,896	1,201	41.5	971	230	19.2	1,895	98	1,534	1	62
18 to 19 years	3,162	1,967	62.2	1,709	258	13.1	1,195	286	824	9	76
20 to 24 years	8,622	6,219	70.5	5,875	543	8.7	2,603	1,532	665	12	195
25 to 54 years	40,145	27,272	67.9	25,884	1,408	5.2	12,873	11,457	452	181	783
25 to 34 years	17,049	11,853	69.5	11,121	732	8.2	5,196	4,563	296	52	285
25 to 29 years	8,890	8,237	70.2	5,832	405	8.5	2,852	2,295	183	19	155
30 to 34 years	8,159	5,815	68.8	5,289	327	5.8	2,544	2,268	113	34	130
35 to 44 years	13,172	9,168	69.6	8,742	427	4.7	4,003	3,816	115	40	233
35 to 39 years	7,279	5,049	69.4	4,788	282	5.2	2,228	2,048	65	17	101
40 to 44 years	5,893	4,119	69.9	3,954	185	4.0	1,774	1,570	50	23	132
45 to 54 years	9,924	8,251	83.0	6,001	250	4.0	3,673	3,278	41	89	265
45 to 49 years	4,964	3,248	65.4	3,110	138	4.2	1,718	1,540	28	45	104
50 to 54 years	4,961	3,005	60.6	2,892	113	3.8	1,956	1,738	13	44	161
55 to 64 years	10,418	4,344	41.7	4,176	168	3.9	6,074	4,985	14	203	872
55 to 59 years	5,258	2,819	49.8	2,520	99	3.8	2,637	2,250	12	84	290
60 to 64 years	5,162	1,725	33.4	1,656	89	4.0	3,437	2,735	2	116	582
65 years and over	14,089	1,099	7.8	1,045	54	4.9	12,990	9,291	9	548	3,141
65 to 69 years	4,473	637	14.2	603	34	5.3	3,635	2,932	6	63	615
70 years and over	9,618	461	4.8	442	20	4.3	9,154	6,360	4	465	2,326

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	April 1984										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force						
BLACK											
16 years and over	19,274	11,694	60.7	9,778	1,816	16.4	7,561	3,049	1,749	566	2,220
16 to 19 years	2,174	716	32.9	409	307	42.9	1,458	115	1,213	3	128
16 to 17 years	1,060	215	20.3	110	105	49.0	845	29	784	1	31
16 to 19 years	1,114	501	45.0	299	202	40.2	613	86	429	1	97
20 to 24 years	2,779	1,856	66.8	1,330	526	28.3	923	371	346	20	187
25 to 54 years	10,174	7,887	77.5	6,875	1,011	12.8	2,287	1,320	187	195	585
25 to 34 years	4,757	3,717	78.1	3,121	596	16.0	1,041	607	148	44	244
25 to 29 years	2,550	1,960	76.9	1,598	381	18.4	589	344	88	14	143
30 to 34 years	2,208	1,757	79.8	1,522	235	13.4	451	283	58	30	101
35 to 44 years	3,134	2,517	80.3	2,239	278	11.0	817	384	27	48	160
35 to 39 years	1,737	1,388	79.9	1,215	173	12.5	349	213	24	21	83
40 to 44 years	1,397	1,130	80.9	1,025	105	9.3	267	171	4	26	68
45 to 54 years	2,283	1,653	72.4	1,515	138	8.3	630	329	14	105	181
45 to 49 years	1,168	900	75.9	826	74	8.2	287	154	11	45	77
50 to 54 years	1,096	754	68.8	690	64	8.5	343	175	3	60	104
55 to 64 years	1,975	1,022	51.7	955	87	6.5	954	483	3	131	358
55 to 59 years	1,046	626	59.8	584	42	8.7	421	232	2	59	127
60 to 64 years	929	396	42.8	371	25	8.3	533	231	-	72	231
65 years and over	2,172	213	9.8	208	5	2.4	1,959	780	-	217	962
65 to 69 years	734	120	16.3	115	5	4.2	815	257	-	47	310
70 years and over	1,437	94	6.5	93	2	2.1	1,344	523	1	189	651
Men											
16 years and over	8,818	5,967	69.2	4,910	1,057	17.7	2,653	91	821	274	1,471
16 to 19 years	1,061	385	36.3	226	159	41.4	677	2	609	-	66
16 to 17 years	526	109	20.8	59	50	45.8	418	2	402	-	15
16 to 19 years	538	276	51.8	187	110	39.8	259	1	207	-	52
20 to 24 years	1,268	993	77.1	699	293	29.5	295	5	144	18	132
25 to 54 years	4,553	3,958	86.9	3,407	550	13.9	595	34	68	112	382
25 to 34 years	2,147	1,880	87.5	1,559	321	17.1	268	13	58	28	170
25 to 29 years	1,166	1,012	87.8	819	193	19.1	143	6	35	9	93
30 to 34 years	992	888	87.5	740	128	14.7	124	7	23	18	77
35 to 44 years	1,396	1,261	90.4	1,101	161	12.8	134	8	9	30	87
35 to 39 years	776	702	90.5	594	108	15.4	74	5	10	14	46
40 to 44 years	620	560	90.3	507	53	9.4	60	3	-	16	42
45 to 54 years	1,010	817	80.9	748	70	8.5	193	13	1	54	125
45 to 49 years	527	442	83.7	407	35	7.9	86	8	1	30	49
50 to 54 years	483	378	77.7	341	35	9.3	108	7	-	24	76
55 to 64 years	858	504	58.8	457	48	9.5	354	25	-	74	256
55 to 59 years	454	306	67.7	260	27	8.9	148	14	-	38	94
60 to 64 years	404	197	48.7	176	20	10.3	207	10	-	36	162
65 years and over	858	126	14.7	121	5	4.3	731	25	-	72	635
65 to 69 years	307	89	22.3	85	4	(¹)	239	7	-	17	214
70 years and over	550	58	10.5	56	2	(¹)	493	18	-	54	420
Women											
16 years and over	10,656	5,727	53.7	4,868	859	15.0	4,928	2,957	929	293	749
16 to 19 years	1,113	331	28.7	183	148	44.8	782	113	604	3	62
16 to 17 years	534	106	19.9	51	56	52.3	428	27	382	2	16
16 to 19 years	578	225	36.8	132	92	41.0	354	85	222	1	45
20 to 24 years	1,491	863	57.9	631	232	26.9	627	366	202	4	55
25 to 54 years	5,821	3,929	69.9	3,468	461	11.7	1,692	1,288	119	83	203
25 to 34 years	2,810	1,837	70.4	1,582	275	15.0	773	594	88	18	74
25 to 29 years	1,394	948	68.0	779	188	17.8	446	338	53	5	50
30 to 34 years	1,216	889	73.1	782	107	12.0	327	256	35	12	24
35 to 44 years	1,738	1,256	72.2	1,139	117	9.3	483	376	18	16	73
35 to 39 years	961	688	71.3	621	65	9.4	275	208	14	7	47
40 to 44 years	777	570	73.3	518	52	9.2	207	168	4	10	28
45 to 54 years	1,273	836	65.7	788	68	8.2	438	316	13	51	58
45 to 49 years	859	458	68.5	419	39	8.5	201	148	10	15	28
50 to 54 years	813	378	46.3	349	29	7.8	235	168	3	38	28
55 to 64 years	1,117	517	61.8	498	19	3.6	600	438	3	57	102
55 to 59 years	592	318	53.7	304	14	4.5	274	218	2	21	33
60 to 64 years	525	199	37.9	195	4	2.2	328	221	1	36	69
65 years and over	1,314	87	8.8	87	-	-	1,228	755	-	145	327
65 to 69 years	427	51	12.0	50	1	(¹)	378	250	-	30	96
70 years and over	887	36	4.0	37	-	(¹)	851	505	1	115	231

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age and sex	April 1984								
	Civilian noninstitutional population	Civilian labor force							Not in labor force
		Total	Percent of population	Employed			Unemployed		
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL									
16 years and over	23,791	14,528	61.1	12,384	223	12,162	2,144	14.8	9,263
16 to 19 years	2,607	849	32.5	513	14	499	336	39.6	1,759
16 to 17 years	1,286	274	21.3	151	6	145	123	44.9	1,012
18 to 19 years	1,321	575	43.5	362	9	353	213	37.0	747
20 to 24 years	3,405	2,231	65.5	1,663	13	1,650	568	25.5	1,175
25 to 54 years	12,905	9,956	77.1	8,806	151	8,656	1,151	11.6	2,947
25 to 34 years	5,988	4,607	76.9	3,835	58	3,777	672	14.6	1,381
25 to 29 years	3,137	2,383	76.0	1,987	26	1,960	396	16.6	754
30 to 34 years	2,851	1,203	42.2	1,948	31	1,917	276	22.9	627
35 to 44 years	4,061	3,272	80.6	2,960	45	2,916	312	9.5	789
35 to 39 years	2,259	1,822	80.7	1,633	28	1,605	190	10.4	436
40 to 44 years	1,803	1,450	80.4	1,328	18	1,310	122	8.4	353
45 to 54 years	2,855	2,078	72.8	1,911	48	1,863	167	8.0	777
45 to 49 years	1,522	1,150	75.6	1,061	29	1,033	89	7.7	372
50 to 54 years	1,332	928	69.7	850	20	830	78	8.4	404
55 to 64 years	2,384	1,234	51.8	1,150	32	1,118	84	6.8	1,150
55 to 59 years	1,259	744	59.1	893	17	876	51	6.9	514
60 to 64 years	1,125	490	43.5	457	14	443	32	6.6	636
65 years and over	2,491	258	10.4	252	13	240	6	2.2	2,233
65 to 69 years	851	140	16.5	136	2	134	5	3.6	709
70 years and over	1,641	118	7.2	116	11	106	22	18.6	1,523
Men									
16 years and over	10,759	7,504	69.8	6,315	207	6,108	1,190	15.9	3,254
16 to 19 years	1,269	454	35.8	277	15	262	177	39.1	815
16 to 17 years	631	136	21.6	76	6	70	60	44.2	495
18 to 19 years	638	318	49.8	201	9	192	117	36.8	320
20 to 24 years	1,616	1,199	74.2	880	12	867	319	26.6	417
25 to 54 years	5,829	5,077	87.1	4,446	137	4,309	632	12.4	752
25 to 34 years	2,709	2,352	86.8	1,989	49	1,940	363	15.4	357
25 to 29 years	1,410	1,220	86.5	1,007	24	983	212	17.4	191
30 to 34 years	1,299	1,133	87.2	982	25	957	151	13.3	166
35 to 44 years	1,835	1,665	90.7	1,488	45	1,443	177	10.7	170
35 to 39 years	1,028	935	91.0	819	28	790	117	12.5	93
40 to 44 years	807	730	90.5	669	17	652	61	8.3	77
45 to 54 years	1,285	1,060	82.5	969	43	926	91	8.6	225
45 to 49 years	684	580	84.8	537	26	512	43	7.4	104
50 to 54 years	601	480	79.8	432	18	414	48	10.0	121
55 to 64 years	1,035	618	59.8	562	30	532	56	9.1	416
55 to 59 years	532	363	68.3	334	17	317	29	8.1	169
60 to 64 years	503	255	50.7	228	13	215	27	10.5	248
65 years and over	1,010	156	15.5	150	13	138	6	3.7	854
65 to 69 years	359	79	22.2	76	2	74	4	(¹)	279
70 years and over	652	77	11.8	74	11	64	2	(¹)	575
Women									
16 years and over	13,032	7,023	53.9	6,069	15	6,054	954	13.6	6,009
16 to 19 years	1,338	394	29.5	236	-	237	158	40.2	944
16 to 17 years	655	138	21.0	75	-	75	63	45.8	517
18 to 19 years	684	257	37.6	161	-	162	96	37.2	427
20 to 24 years	1,789	1,032	57.7	783	-	782	249	24.1	757
25 to 54 years	7,076	4,879	69.0	4,360	14	4,347	519	10.6	2,195
25 to 34 years	3,279	2,255	68.8	1,946	9	1,937	309	13.7	1,024
25 to 29 years	1,727	1,163	67.4	980	2	977	184	15.8	563
30 to 34 years	1,552	1,091	70.3	966	6	960	125	11.5	461
35 to 44 years	2,227	1,607	72.2	1,473	-	1,473	134	6.4	619
35 to 39 years	1,231	887	72.1	814	-	815	73	8.2	343
40 to 44 years	996	720	72.3	659	1	658	61	8.5	278
45 to 54 years	1,570	1,018	64.8	942	5	937	76	7.4	552
45 to 49 years	838	570	68.0	524	3	521	46	8.1	268
50 to 54 years	731	448	61.2	418	2	416	30	6.7	283
55 to 64 years	1,349	615	45.6	588	2	586	28	4.5	734
55 to 59 years	727	381	52.4	359	-	359	22	5.8	346
60 to 64 years	623	235	37.7	229	2	228	6	2.4	388
65 years and over	1,480	102	6.9	102	-	102	-	-	1,378
65 to 69 years	492	61	12.5	60	-	60	1	(¹)	430
70 years and over	989	41	4.1	42	-	42	-	(¹)	948

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status and race	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984
TOTAL								
Civilian noninstitutional population	173,784	175,969	74,611	75,973	83,794	85,168	15,389	14,828
Civilian labor force	109,875	112,152	58,262	59,203	44,142	45,562	7,471	7,387
Percent of population	63.2	63.7	78.1	77.9	52.7	53.5	48.5	49.8
Employed	98,840	103,628	52,489	55,022	40,618	42,594	5,753	6,012
Agriculture	3,185	3,191	2,322	2,355	572	570	291	266
Nonagricultural industries	95,655	100,437	50,147	52,667	40,046	42,024	5,462	5,745
Unemployed	11,035	8,525	5,793	4,181	3,524	2,969	1,718	1,375
Unemployment rate	10.0	7.6	9.9	7.1	8.0	6.5	23.0	18.6
Not in labor force	63,919	63,817	16,349	16,770	39,652	39,605	7,918	7,442
White								
Civilian noninstitutional population	150,518	152,178	65,416	66,463	72,349	73,474	12,753	12,221
Civilian labor force	95,631	97,625	51,290	52,153	37,690	38,934	6,651	6,538
Percent of population	63.5	64.2	78.4	78.4	52.1	53.0	52.2	53.5
Employed	87,216	91,244	46,767	48,984	35,147	36,761	5,303	5,499
Agriculture	2,942	2,969	2,140	2,163	531	554	271	252
Nonagricultural industries	84,274	88,275	44,627	46,822	34,616	36,207	5,032	5,247
Unemployed	8,415	6,381	4,524	3,169	2,543	2,173	1,349	1,039
Unemployment rate	8.8	6.5	8.8	6.1	6.7	5.8	20.3	15.9
Not in labor force	54,886	54,553	14,126	14,330	34,660	34,540	6,101	5,683
Black								
Civilian noninstitutional population	18,851	19,274	7,319	7,557	9,294	9,543	2,238	2,174
Civilian labor force	11,412	11,694	5,505	5,582	5,217	5,396	691	716
Percent of population	60.5	60.7	75.2	73.9	56.1	56.5	30.9	32.9
Employed	9,108	9,778	4,397	4,684	4,350	4,685	360	409
Agriculture	196	154	143	132	32	10	20	11
Nonagricultural industries	8,912	9,624	4,253	4,551	4,319	4,675	340	398
Unemployed	2,304	1,916	1,107	898	867	711	330	307
Unemployment rate	20.2	16.4	20.1	16.1	16.6	13.2	47.8	42.9
Not in labor force	7,439	7,581	1,814	1,976	4,076	4,147	1,548	1,458

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status and major activity	April 1984								
	Total			White			Black		
	Both sexes	Men	Women	Both sexes	Men	Women	Both sexes	Men	Women
TOTAL									
Civilian noninstitutional population	22,858	11,353	11,505	18,907	9,442	9,465	3,288	1,584	1,704
Civilian labor force	13,092	6,858	6,234	11,427	5,961	5,466	1,395	753	642
Percent of population	57.3	60.4	54.2	60.4	63.1	57.7	42.4	47.5	37.7
Employed	10,901	5,676	5,226	9,835	5,097	4,737	841	461	380
Agriculture	443	378	65	427	361	65	11	11	-
Nonagricultural industries	10,459	5,298	5,161	9,408	4,736	4,672	830	449	381
Unemployed	2,191	1,183	1,008	1,592	864	728	554	292	262
Looking for full-time work	1,389	789	600	968	560	408	396	213	182
Looking for part-time work	802	393	408	624	304	320	158	78	80
Percent of labor force	16.7	17.2	16.2	13.9	14.5	13.3	39.7	38.8	40.8
Not in labor force	9,766	4,495	5,271	7,480	3,480	4,000	1,893	831	1,062
Major activity: Going to school									
Civilian noninstitutional population	12,326	6,303	6,023	10,070	5,183	4,887	1,808	892	916
Civilian labor force	4,491	2,266	2,225	4,003	2,024	1,978	387	187	200
Percent of population	36.4	35.9	36.9	39.8	39.1	40.5	21.4	21.0	21.8
Employed	3,652	1,827	1,825	3,369	1,687	1,682	202	96	106
Agriculture	135	106	29	130	102	29	3	3	-
Nonagricultural industries	3,517	1,721	1,796	3,238	1,585	1,653	199	93	106
Unemployed	838	438	400	634	337	297	185	91	94
Looking for full-time work	140	74	66	95	52	43	43	20	23
Looking for part-time work	698	365	334	539	286	254	143	71	71
Percent of labor force	18.7	19.4	18.0	15.8	16.7	15.0	47.9	48.7	47.1
Not in labor force	7,836	4,038	3,798	6,067	3,159	2,908	1,421	705	716
Major activity: Other									
Civilian noninstitutional population	10,532	5,050	5,482	8,837	4,259	4,578	1,480	692	788
Civilian labor force	8,601	4,593	4,009	7,424	3,937	3,487	1,008	565	442
Percent of population	81.7	90.9	73.1	84.0	92.4	76.2	68.1	81.8	56.1
Employed	7,249	3,848	3,401	6,466	3,410	3,056	639	365	274
Agriculture	307	272	36	296	260	37	8	8	-
Nonagricultural industries	6,941	3,577	3,365	6,170	3,151	3,019	631	355	276
Unemployed	1,353	744	608	958	527	431	368	201	168
Looking for full-time work	1,249	715	534	873	508	365	353	194	159
Looking for part-time work	103	29	74	85	19	66	15	7	9
Percent of labor force	15.7	16.2	15.2	12.9	13.4	12.4	36.6	35.6	38.0
Not in labor force	1,930	458	1,473	1,413	322	1,091	472	126	346

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	Apr. 1983	Apr. 1984	Total		Employed		Unemployed			
			Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Number		Percent of labor force	
							Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984
VETERANS										
Total, 25 years and over	7,837	7,918	7,292	7,402	6,620	6,957	672	445	9.2	6.0
25 to 29 years	5,944	5,583	5,639	5,332	5,085	4,972	554	360	9.8	6.8
25 to 29 years	718	524	662	496	561	424	101	72	15.3	14.5
30 to 34 years	2,244	1,819	2,105	1,705	1,885	1,600	220	105	10.5	6.2
35 to 39 years	2,982	3,240	2,872	3,131	2,639	2,948	233	183	8.1	5.8
40 years and over	1,893	2,335	1,653	2,070	1,535	1,985	118	85	7.1	4.1
NONVETERANS										
Total, 25 to 39 years	19,808	20,872	18,726	19,662	16,813	18,278	1,913	1,384	10.2	7.0
25 to 29 years	8,847	8,902	8,124	8,307	7,094	7,667	1,030	640	12.7	7.7
30 to 34 years	6,664	7,269	6,318	6,884	5,789	6,439	529	445	8.4	6.5
35 to 39 years	4,497	4,701	4,284	4,471	3,930	4,172	354	299	8.3	6.7

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Sex, age, and race	April 1984								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time ¹	Unemployed (looking for part-time work)	
		Full-time schedules ¹	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Total, 16 years and over	95,469	82,983	5,325	7,162	7.5	16,683	15,320	1,363	8.2
16 to 19 years	3,019	1,800	530	690	22.9	4,368	3,682	685	15.7
16 to 17 years	418	189	75	154	36.9	2,343	1,870	473	20.2
18 to 19 years	2,601	1,611	455	536	20.6	2,024	1,812	212	10.5
20 years and over	92,450	81,183	4,795	6,472	7.0	12,316	11,638	678	5.5
20 to 24 years	13,094	10,297	1,160	1,637	12.5	2,603	2,371	232	8.9
25 years and over	79,356	70,886	3,634	4,835	6.1	9,712	9,267	446	4.6
25 to 54 years	67,470	60,151	3,023	4,294	6.4	6,642	6,335	308	4.6
55 years and over	11,887	10,735	611	540	4.5	3,070	2,932	138	4.5
Men, 16 years and over	57,700	50,913	2,453	4,335	7.5	5,326	4,752	575	10.8
16 to 19 years	1,717	1,064	269	384	22.4	2,106	1,762	344	16.3
20 years and over	55,983	49,849	2,184	3,950	7.1	3,220	2,990	231	7.2
20 to 24 years	7,348	5,825	548	975	13.3	1,099	997	101	9.2
25 years and over	48,635	44,025	1,636	2,975	6.1	2,121	1,993	129	6.1
25 to 54 years	41,031	37,076	1,350	2,606	6.4	928	860	68	7.3
55 years and over	7,604	6,949	286	369	4.9	1,193	1,133	61	5.1
Women, 16 years and over	37,769	32,070	2,872	2,827	7.5	11,357	10,568	788	6.9
16 to 19 years	1,302	736	260	305	23.5	2,262	1,920	341	15.1
20 years and over	36,467	31,334	2,611	2,521	6.9	9,095	8,648	447	4.9
20 to 24 years	5,746	4,472	612	662	11.5	1,504	1,374	131	8.7
25 years and over	30,721	26,862	1,999	1,859	6.1	7,591	7,275	317	4.2
25 to 54 years	26,438	23,076	1,674	1,688	6.4	5,713	5,475	239	4.2
55 years and over	4,283	3,786	325	171	4.0	1,878	1,800	77	4.1
White									
Men, 16 years and over	50,755	45,479	2,008	3,268	6.4	4,767	4,316	452	9.5
16 to 19 years	1,468	962	229	278	18.9	1,901	1,628	273	14.4
20 years and over	49,286	44,517	1,779	2,990	6.1	2,867	2,688	178	6.2
20 to 24 years	6,280	5,162	436	683	10.9	967	892	75	7.8
25 years and over	43,006	39,355	1,343	2,308	5.4	1,899	1,796	104	5.5
25 to 54 years	36,073	32,992	1,089	1,992	5.5	809	759	52	6.4
55 years and over	6,933	6,363	254	316	4.6	1,089	1,038	52	4.8
Women, 16 years and over	31,744	27,371	2,367	2,006	6.3	10,359	9,703	655	6.3
16 to 19 years	1,129	682	230	217	19.2	2,040	1,789	271	13.3
20 years and over	30,615	26,689	2,137	1,789	5.8	8,319	7,935	384	4.6
20 to 24 years	4,878	3,930	509	440	9.0	1,341	1,237	103	7.7
25 years and over	25,737	22,760	1,629	1,349	5.2	6,979	6,697	280	4.0
25 to 54 years	21,982	19,409	1,371	1,201	5.5	5,291	5,084	207	3.9
55 years and over	3,755	3,350	258	148	3.9	1,688	1,613	74	4.4
Black									
Men, 16 years and over	5,559	4,225	377	957	17.2	407	308	100	24.4
16 to 19 years	221	85	38	97	44.2	164	103	62	37.6
20 years and over	5,339	4,140	339	860	16.1	243	205	38	15.5
20 to 24 years	908	531	104	274	30.2	84	65	19	22.7
25 years and over	4,430	3,609	236	585	13.2	159	140	20	12.6
25 to 54 years	3,890	3,141	209	539	13.9	69	57	13	(²)
55 years and over	540	468	27	46	8.5	90	83	7	7.8
Women, 16 years and over	4,961	3,766	449	746	15.0	766	653	113	14.8
16 to 19 years	157	48	25	84	53.5	174	110	64	36.6
20 years and over	4,804	3,718	424	662	13.8	592	543	49	8.3
20 to 24 years	744	447	91	206	27.7	120	83	26	22.0
25 years and over	4,060	3,271	333	449	11.1	473	450	24	5.1
25 to 54 years	3,617	2,905	274	438	12.1	312	289	22	7.1
55 years and over	443	366	59	11	2.4	161	161	2	1.2

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Family relationship	April 1984									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over ¹	92,680	64.1	85,578	7,100	7.7	51,962	25,890	9,171	2,232	14,668
Husbands	38,987	78.8	37,142	1,845	4.7	10,505	173	226	1,038	9,069
With employed wife	22,680	91.5	21,742	938	4.1	2,099	68	116	337	1,578
With unemployed wife	1,230	92.3	1,050	179	14.6	102	-	14	20	68
With wife not in labor force	15,077	64.5	14,350	727	4.8	8,304	105	96	680	7,422
Wives	26,111	52.8	24,779	1,332	5.1	23,381	20,541	380	342	2,118
With employed husband	22,792	61.4	21,742	1,050	4.6	14,350	13,207	310	87	747
With unemployed husband	1,118	60.6	938	179	16.0	727	645	25	12	45
With husband not in labor force	2,201	21.0	2,099	102	4.6	8,304	6,689	45	243	1,326
Relatives in married-couple families	13,318	60.5	11,454	1,863	14.0	8,689	922	6,227	305	1,234
16 to 19 years	4,965	50.2	4,149	816	16.4	4,917	121	4,557	10	229
20 to 24 years	5,472	73.9	4,777	695	12.7	1,935	156	1,517	34	228
25 years and over	2,881	61.1	2,528	352	12.2	1,837	645	153	261	777
Women who maintain families	6,060	60.6	5,437	623	10.3	3,938	2,981	154	176	626
Relatives in families maintained by women	5,151	58.7	4,089	1,062	20.6	3,940	880	1,855	262	943
16 to 19 years	1,361	44.0	994	367	27.0	1,735	106	1,452	12	166
20 to 24 years	1,620	70.5	1,256	364	22.4	679	159	339	21	161
25 years and over	2,170	58.7	1,839	331	15.3	1,526	615	64	229	616
Men who maintain families	1,680	75.5	1,519	160	9.5	546	37	34	56	418
Relatives in families maintained by men	1,373	58.8	1,158	215	15.7	963	356	295	53	260
16 to 19 years	252	51.1	202	50	19.8	241	18	200	-	23
20 to 24 years	430	71.7	353	77	17.8	170	56	71	2	40
25 years and over	691	55.5	603	88	12.7	552	282	24	51	197

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

NOTE: Because of new estimation techniques introduced in January

1984, these data are not comparable with those for earlier years. Moreover, estimates for husbands, wives, and women who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns used in aggregating the data.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Marital status, race, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984
Total, 16 years and over	6,736	4,909	10.8	7.8	4,299	3,615	9.0	7.4
Married, spouse present	3,013	2,013	7.5	4.9	1,795	1,455	6.8	5.4
Widowed, divorced, or separated	800	620	14.0	10.6	931	820	10.1	8.5
Single (never married)	2,923	2,276	18.1	13.9	1,572	1,340	12.8	10.7
White, 16 years and over	5,289	3,720	9.6	6.7	3,146	2,662	7.7	6.3
Married, spouse present	2,528	1,678	7.0	4.6	1,488	1,239	6.4	5.2
Widowed, divorced, or separated	584	460	12.5	9.4	646	561	8.7	7.2
Single (never married)	2,157	1,582	15.7	11.5	1,012	862	10.0	8.4
Black, 16 years and over	1,280	1,057	21.8	17.7	1,024	859	18.5	15.0
Married, spouse present	395	270	13.2	9.2	247	168	11.7	7.6
Widowed, divorced, or separated	202	145	22.4	16.0	257	239	16.2	14.3
Single (never married)	684	642	34.8	30.2	520	452	28.2	24.4
Total, 25 years and over	4,364	3,104	8.7	6.1	2,592	2,176	7.0	5.7
Married, spouse present	2,717	1,811	7.2	4.7	1,418	1,145	6.0	4.7
Widowed, divorced, or separated	732	581	13.5	10.1	825	714	9.8	7.8
Single (never married)	915	732	14.0	10.9	348	316	7.5	6.5
White, 25 years and over	3,463	2,411	7.8	5.4	1,914	1,830	6.1	5.0
Married, spouse present	2,260	1,508	6.8	4.3	1,172	977	5.6	4.5
Widowed, divorced, or separated	528	406	11.9	8.8	562	477	8.1	6.5
Single (never married)	675	497	12.2	8.9	179	176	4.9	4.6
Black, 25 years and over	775	604	17.2	13.2	593	479	13.6	10.6
Married, spouse present	370	249	13.1	8.9	198	125	10.2	6.2
Widowed, divorced, or separated	190	141	21.8	16.2	241	219	15.7	13.6
Single (never married)	213	214	25.9	23.3	154	136	17.7	14.9

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984
Total, 16 years and over	11,035	8,525	10.0	7.6	10.8	7.8	9.0	7.4
Managerial and professional specialty	829	564	3.4	2.2	3.2	2.2	3.7	2.2
Executive, administrative, and managerial	441	298	3.9	2.6	3.4	2.5	5.0	2.6
Professional specialty	388	266	2.9	1.9	2.9	1.9	2.9	2.0
Technical, sales, and administrative support	2,060	1,683	6.3	5.0	5.8	4.2	6.6	5.5
Technicians and related support	131	87	4.2	2.8	5.2	2.5	3.1	3.0
Sales occupations	870	711	7.1	5.4	5.6	4.0	8.7	7.0
Administrative support, including clerical	1,060	885	6.1	5.1	6.6	5.2	6.0	5.0
Service occupations	1,700	1,424	11.3	9.2	12.3	9.6	10.5	9.0
Private household	67	67	6.7	6.3	(¹)	(¹)	6.6	6.1
Protective service	116	89	6.9	5.3	6.9	4.6	6.7	10.2
Service, except private household and protective	1,517	1,268	12.2	10.0	14.1	11.3	11.1	9.3
Precision production, craft, and repair	1,662	1,130	12.3	6.1	12.4	8.3	11.2	6.5
Mechanics and repairers	408	265	9.2	5.7	9.3	5.8	7.0	3.1
Construction trades	813	598	16.7	12.0	16.7	11.9	16.7	20.3
Other precision production, craft, and repair	441	267	10.4	6.2	10.2	8.3	11.3	6.0
Operators, fabricators, and laborers	3,194	2,237	17.0	11.9	17.5	11.6	15.4	12.4
Machine operators, assemblers, and inspectors	1,536	949	16.9	10.7	18.2	10.0	15.3	11.8
Transportation and material moving occupations	657	455	13.9	9.3	14.3	8.8	8.2	4.4
Handlers, equipment cleaners, helpers, and laborers	1,001	833	19.9	16.7	20.1	16.2	18.8	18.7
Construction laborers	263	203	33.2	25.6	33.0	25.1	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	738	630	17.4	15.0	17.2	14.2	18.3	18.2
Farming, forestry, and fishing	395	317	10.1	8.6	10.1	8.3	10.1	10.4
No previous work experience	1,131	1,098	-	-	-	-	-	-
18 to 19 years	809	699	-	-	-	-	-	-
20 to 24 years	197	257	-	-	-	-	-	-
25 years and over	124	142	-	-	-	-	-	-

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	
	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984
Total, 16 years and over	11,035	8,525	10.0	7.6	10.8	7.8	9.0	7.4
Nonagricultural private wage and salary workers	8,468	6,355	10.5	7.7	11.7	8.1	9.0	7.2
Mining	228	102	20.9	10.6	21.7	11.8	16.3	4.8
Construction	1,198	892	22.5	18.2	23.5	16.8	11.2	9.6
Manufacturing	2,690	1,672	12.4	7.6	12.2	7.0	12.8	9.0
Durable goods	1,726	947	13.5	7.3	13.5	7.0	13.3	8.1
Lumber and wood products	118	87	16.4	9.2	15.7	7.7	20.9	17.4
Furniture and fixtures	84	65	12.9	11.4	12.3	11.4	14.5	11.4
Stone, clay, and glass products	77	57	12.6	9.3	13.4	8.5	10.1	11.8
Primary metal industries	204	127	20.7	13.6	21.3	12.6	16.1	20.1
Fabricated metal products	211	116	14.5	8.0	14.9	7.8	13.0	9.1
Machinery, except electrical	373	164	13.2	6.1	13.6	6.4	11.6	4.7
Electrical machinery, equipment, and supplies	224	133	10.3	5.6	8.9	4.8	12.0	6.8
Transportation equipment	306	141	13.3	5.9	13.0	6.1	14.5	5.0
Automobiles	183	81	16.4	8.9	15.2	8.4	22.0	8.7
Other transportation equipment	123	61	10.4	5.0	10.8	5.8	8.7	2.0
Professional and photographic equipment	72	22	10.4	3.4	6.7	2.4	15.4	4.6
Other durable goods industries	78	55	14.8	10.2	13.9	5.3	15.8	15.0
Nondurable goods	965	725	10.9	8.1	9.8	6.8	12.3	9.9
Food and kindred products	252	214	14.1	11.9	13.4	9.9	15.5	16.2
Textile mill products	85	54	10.0	6.8	10.5	6.0	9.5	7.5
Apparel and other textile products	187	157	14.6	11.0	14.0	9.9	14.7	11.3
Paper and allied products	69	33	9.3	5.0	9.1	4.6	9.8	6.8
Printing and publishing	110	91	6.9	5.4	6.5	5.6	7.4	5.1
Chemicals and allied products	100	51	8.1	4.3	6.9	2.6	10.9	7.5
Rubber and miscellaneous plastics products	59	54	7.9	8.9	8.6	7.3	10.2	6.2
Other nondurable goods industries	102	70	16.6	12.5	16.4	9.6	16.8	16.7
Transportation and public utilities	432	320	7.7	5.4	8.2	6.4	6.4	2.9
Transportation	332	223	8.9	5.7	9.9	6.6	5.5	2.7
Communications and other public utilities	101	97	3.9	3.6	2.8	4.1	6.1	2.6
Wholesale and retail trade	2,068	1,779	10.2	8.5	9.6	7.7	10.8	9.4
Wholesale trade	319	209	7.6	5.3	7.6	5.3	7.6	5.2
Retail trade	1,748	1,570	10.9	9.3	10.4	8.6	11.3	9.9
Finance, insurance, and real estate	231	216	4.0	3.5	4.1	4.0	3.9	3.2
Service industries	1,621	1,374	7.9	6.5	9.0	7.1	7.1	6.1
Professional services	612	535	5.1	4.5	5.0	4.5	5.2	4.5
Other service industries	1,009	839	11.6	9.0	12.4	9.2	10.7	6.9
Agricultural wage and salary workers	301	218	17.2	12.5	17.0	11.5	17.8	16.4
Government, self-employed, and unpaid family workers	1,134	852	4.3	3.2	4.6	3.3	3.9	3.0
No previous work experience	1,131	1,098	-	-	-	-	-	-

**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	
	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984
NUMBER OF UNEMPLOYED												
Total unemployed	11,035	8,525	5,793	4,181	3,524	2,969	1,718	1,375	8,415	6,381	2,304	1,916
Job losers	6,872	4,599	4,837	3,018	1,859	1,349	376	232	5,437	3,589	1,380	975
On layoff	1,940	1,087	1,377	741	482	300	81	45	1,681	956	226	112
Other job losers	4,932	3,512	3,260	2,277	1,377	1,049	295	187	3,756	2,633	1,134	863
Job leavers	760	727	314	285	353	341	93	100	619	596	23	39
Reentrants	2,274	2,107	730	714	1,102	1,046	442	347	1,555	1,474	631	567
New entrants	1,129	1,092	112	164	210	232	807	696	804	723	290	336
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	62.3	53.9	80.1	72.1	52.8	45.4	21.9	16.9	64.6	56.3	59.0	50.9
On layoff	17.6	12.7	23.6	17.7	13.7	10.1	4.7	3.3	20.0	15.0	9.8	5.9
Other job losers	44.7	41.2	56.3	54.4	39.1	35.3	17.2	13.6	44.6	41.3	49.2	45.0
Job leavers	6.9	8.5	5.4	6.8	10.0	11.5	5.4	7.3	7.4	9.3	1.0	2.0
Reentrants	20.6	24.7	12.6	17.1	31.3	35.2	25.7	25.3	18.5	23.1	27.4	29.6
New entrants	10.2	12.8	1.9	3.9	6.0	7.8	47.0	50.6	9.5	11.3	12.6	17.5
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	8.3	4.1	8.0	5.1	4.2	3.0	5.1	3.1	5.7	3.7	11.9	8.3
Job leavers .....	.7	.8	.5	.5	.8	.7	1.2	1.4	.6	.6	.2	.3
Reentrants	2.1	1.9	1.3	1.2	2.5	2.3	5.9	4.7	1.6	1.5	5.5	4.8
New entrants	1.0	1.0	.2	.3	.5	.5	10.8	9.4	.8	.7	2.5	2.9

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

(Percent distribution)

Reason, sex, and age	April 1984						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	8,525	100.0	35.0	25.9	39.2	16.8	22.4
Job losers	4,599	100.0	26.0	25.5	48.5	20.7	27.8
On layoff	1,087	100.0	37.0	23.9	39.1	23.0	16.1
Other job losers	3,512	100.0	22.6	26.0	51.4	20.0	31.5
Job leavers	727	100.0	44.1	25.6	30.4	16.5	13.9
Reentrants	2,107	100.0	44.4	28.4	27.2	12.4	14.8
New entrants	1,092	100.0	48.6	22.8	28.6	9.0	19.6
Men, 20 years and over	4,181	100.0	27.3	25.5	47.2	18.8	28.4
Job losers	3,018	100.0	23.8	24.8	51.4	20.4	31.0
On layoff	741	100.0	34.2	24.0	41.8	23.3	18.5
Other job losers	2,277	100.0	20.4	25.0	54.5	19.4	35.1
Job leavers	265	100.0	38.9	22.8	40.3	20.8	19.5
Reentrants	714	100.0	37.6	30.3	32.1	13.9	18.3
New entrants	164	100.0	29.8	23.6	46.8	7.3	39.5
Women, 20 years and over	2,969	100.0	39.7	25.9	34.3	16.4	18.0
Job losers	1,349	100.0	28.6	26.1	45.3	22.1	23.1
On layoff	300	100.0	39.2	23.2	37.6	25.2	12.4
Other job losers	1,049	100.0	25.6	27.0	47.4	21.2	26.2
Job leavers	341	100.0	47.0	27.4	25.8	13.0	12.6
Reentrants	1,048	100.0	49.2	26.4	24.4	11.0	13.4
New entrants	232	100.0	50.9	20.5	28.6	12.0	16.6
Both sexes, 16 to 19 years	1,375	100.0	48.1	26.8	25.1	11.6	13.5
Job losers	232	100.0	38.8	31.5	29.7	16.6	13.0
On layoff	45	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Other job losers	187	100.0	31.7	32.5	35.8	19.5	16.2
Job leavers	100	100.0	54.4	27.4	18.2	16.1	2.0
Reentrants	347	100.0	43.8	30.5	25.7	13.5	12.2
New entrants	696	100.0	52.3	23.4	24.3	8.4	15.9

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

A-16. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984
Total, 16 years and over	11,035	8,525	100.0	100.0	9,493	7,162	100.0	100.0
Less than 5 weeks	3,118	2,981	28.3	35.0	2,338	2,205	24.6	30.8
5 to 14 weeks	2,772	2,206	25.1	25.9	2,359	1,873	24.8	26.2
5 to 10 weeks	1,871	1,517	17.0	17.8	1,593	1,263	16.8	17.6
11 to 14 weeks	900	689	8.2	8.1	766	610	8.1	8.5
15 weeks and over	5,145	3,337	46.6	39.2	4,796	3,084	50.5	43.1
15 to 26 weeks	2,184	1,431	19.8	16.8	1,994	1,300	21.0	18.2
27 weeks and over	2,961	1,906	28.8	22.4	2,803	1,783	29.5	24.9
27 to 51 weeks	1,457	708	13.2	8.3	1,373	651	14.5	9.1
52 weeks and over	1,504	1,198	13.6	14.1	1,430	1,132	15.1	15.8
Average (mean) duration, in weeks	21.3	20.5	-	-	23.0	22.5	-	-
Median duration, in weeks	13.3	10.0	-	-	15.3	11.7	-	-

**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	
								Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984
	April 1984										
Total, 16 years and over	8,525	2,981	2,206	1,431	1,906	20.5	10.0	28.3	35.0	46.6	39.2
16 to 19 years	1,375	661	369	160	185	12.2	5.4	46.2	48.1	25.9	25.1
20 to 24 years	1,869	719	482	294	375	18.7	8.4	29.6	38.4	44.7	35.8
25 to 34 years	2,427	797	643	430	556	21.4	10.9	24.6	32.9	50.9	40.6
35 to 44 years	1,379	391	363	260	365	23.7	12.7	21.3	28.4	53.4	45.3
45 to 54 years	796	238	194	144	220	25.3	13.0	24.3	29.9	52.2	45.7
55 to 64 years	571	133	133	120	185	28.6	17.0	20.8	23.2	56.9	53.4
65 years and over	108	43	21	23	21	19.7	9.2	27.5	39.6	50.1	40.6
Men, 16 years and over	4,909	1,457	1,265	881	1,307	23.7	12.5	23.9	29.7	51.2	44.6
16 to 19 years	1,378	315	198	96	119	14.4	6.7	43.3	43.3	28.5	29.5
20 to 24 years	1,077	375	272	163	267	21.5	9.6	22.9	34.8	51.1	39.9
25 to 34 years	1,386	364	367	270	386	25.0	14.0	21.1	26.2	54.3	47.3
35 to 44 years	818	214	196	158	250	27.2	15.0	18.1	26.2	57.0	49.9
45 to 54 years	470	111	115	96	149	29.3	16.2	18.3	23.6	59.6	52.0
55 to 64 years	375	63	104	86	122	28.8	17.8	20.2	16.7	57.0	55.4
65 years and over	55	15	13	13	14	(¹)	(¹)	34.4	(¹)	50.5	(¹)
Women, 16 years and over	3,615	1,525	942	550	599	16.1	7.3	35.1	42.2	39.5	31.8
16 to 19 years	647	346	171	64	66	9.7	4.7	49.6	53.4	22.7	20.1
20 to 24 years	792	344	209	131	108	14.9	6.9	40.0	43.4	35.0	30.2
25 to 34 years	1,041	434	276	161	169	16.6	7.7	30.5	41.7	45.3	31.7
35 to 44 years	561	177	168	101	115	18.6	9.6	28.3	31.5	47.6	38.6
45 to 54 years	326	127	79	48	71	19.5	9.5	34.1	39.0	40.2	36.6
55 to 64 years	196	70	29	35	63	28.2	14.8	22.2	35.7	56.7	49.6
65 years and over	53	28	8	11	7	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,381	2,249	1,665	1,091	1,376	20.1	9.9	28.1	35.2	45.9	38.7
Men	3,720	1,093	968	690	968	23.5	12.6	24.0	29.4	50.1	44.6
Women	2,662	1,156	696	401	408	15.4	6.9	34.9	43.4	38.8	30.4
Black, 16 years and over	1,916	632	488	311	484	22.2	9.6	28.7	33.0	49.7	41.5
Men	1,057	314	263	169	312	25.1	11.6	23.5	29.7	55.4	45.5
Women	859	319	225	143	172	18.6	7.9	35.1	37.1	42.5	36.6
Men, 16 years and over:											
Married, spouse present	2,013	521	529	404	559	25.1	14.1	19.6	25.9	54.5	47.8
Widowed, divorced, or separated	620	174	156	114	176	24.6	13.3	20.9	28.1	54.8	46.8
Single (never married)	2,276	762	580	362	572	22.3	10.6	29.1	33.5	46.7	41.1
Women, 16 years and over:											
Married, spouse present	1,455	605	374	255	221	15.4	7.9	33.1	41.6	41.5	32.7
Widowed, divorced, or separated	820	322	200	125	172	20.2	8.8	29.1	39.3	45.9	36.3
Single (never married)	1,340	597	368	169	206	14.4	6.2	40.9	44.6	33.5	28.0

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Occupation and industry	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984
	April 1984										
OCCUPATION											
Managerial and professional specialty	564	182	141	100	140	22.2	11.2	24.6	32.3	49.5	42.7
Technical, sales, and administrative support	1,683	618	426	300	339	19.3	9.5	31.0	36.7	43.6	38.0
Service occupations	1,424	535	399	227	264	18.5	8.9	30.6	37.5	43.6	34.4
Precision production, craft, and repair	1,130	328	314	207	282	22.3	12.1	22.2	29.0	50.1	43.2
Operators, fabricators, and laborers	2,237	695	539	418	585	23.7	12.5	22.0	31.1	55.5	44.8
Farming, forestry, and fishing	317	75	102	73	66	18.9	11.9	31.6	23.7	38.2	44.0
INDUSTRY¹											
Agriculture	218	56	84	53	25	14.4	9.9	30.9	25.7	37.5	35.6
Construction	919	268	237	236	178	19.8	12.8	21.6	29.1	52.6	45.1
Manufacturing	1,677	455	460	263	499	26.5	13.0	19.2	27.2	59.3	45.4
Durable goods	952	230	266	142	314	29.8	14.1	17.4	24.2	63.2	47.9
Nondurable goods	724	225	194	121	184	22.2	11.8	22.4	31.1	52.3	42.1
Transportation and public utilities	372	107	109	59	98	23.6	12.3	22.7	28.6	50.5	42.0
Wholesale and retail trade	1,790	666	484	297	343	18.3	9.3	32.2	37.2	42.4	35.8
Finance and service industries	1,896	705	448	333	409	19.5	9.4	29.9	37.2	43.8	39.1
Public administration	285	79	83	46	76	23.6	11.6	28.8	27.8	44.8	43.0
No previous work experience	1,098	532	253	98	214	16.3	5.4	48.3	48.5	27.8	28.4

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	April 1984								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,525	7,307	24.9	5.3	77.8	32.4	18.2	4.4	1.63
16 to 19 years	1,375	1,302	12.3	1.1	86.4	22.3	11.0	3.5	1.36
20 to 24 years	1,869	1,664	28.1	4.8	78.7	34.4	19.9	2.8	1.69
25 to 34 years	2,427	2,050	28.9	7.2	75.7	33.1	19.9	5.1	1.70
35 to 44 years	1,379	1,141	30.6	6.9	73.2	36.1	18.5	4.3	1.70
45 to 54 years	796	591	21.0	6.4	81.0	35.4	19.6	5.8	1.69
55 to 64 years	571	462	22.5	5.0	70.1	35.7	21.4	8.2	1.63
65 years and over	108	96	21.9	5.2	60.4	41.7	19.8	8.3	1.57
Men, 16 years and over	4,909	4,077	28.4	5.3	80.3	29.6	20.9	5.3	1.70
16 to 19 years	728	687	15.4	.7	87.8	21.7	12.5	3.1	1.41
20 to 24 years	1,077	943	30.5	4.7	82.3	30.2	23.0	3.4	1.74
25 to 34 years	1,386	1,134	32.3	6.8	78.1	30.2	22.9	6.5	1.77
35 to 44 years	818	624	37.3	8.2	75.0	33.3	22.0	4.2	1.80
45 to 54 years	470	333	22.8	6.9	85.0	32.7	21.0	7.5	1.76
55 to 64 years	375	304	25.7	4.9	71.7	32.2	24.0	11.2	1.70
65 years and over	55	51	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,615	3,230	20.5	5.3	74.6	35.9	14.7	3.3	1.54
16 to 19 years	647	616	8.8	1.5	84.7	22.7	9.3	3.7	1.31
20 to 24 years	792	721	24.8	4.9	74.2	39.8	16.0	1.9	1.62
25 to 34 years	1,041	916	24.7	7.8	72.7	36.6	16.2	3.3	1.61
35 to 44 years	561	517	22.4	5.4	71.0	39.7	14.5	4.4	1.57
45 to 54 years	326	258	18.6	5.8	76.0	38.8	17.8	3.5	1.60
55 to 64 years	196	157	16.6	5.7	67.5	42.7	16.6	2.5	1.52
65 years and over	53	45	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,381	5,315	23.1	5.3	78.3	33.2	18.2	4.9	1.63
Men	3,720	3,002	26.3	5.2	80.3	30.1	21.0	6.1	1.69
Women	2,662	2,313	18.8	5.4	75.6	37.2	14.6	3.3	1.55
Black, 16 years and over	1,916	1,789	29.6	5.2	77.1	17.0	29.9	3.1	1.62
Men	1,057	965	33.4	5.4	81.6	19.5	27.5	3.0	1.70
Women	859	824	25.1	5.0	72.0	14.2	32.8	3.3	1.52

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

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new job within 30 days

are not actually seeking jobs. It should also be noted that 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	April 1984								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	8,525	7,307	24.9	5.3	77.8	32.4	18.2	4.4	1.63
Job losers ¹	4,599	3,511	32.1	6.6	78.2	35.5	22.2	5.1	1.80
Job leavers	727	728	19.6	7.1	78.0	40.8	16.3	2.5	1.64
Reentrants	2,107	1,988	19.2	3.9	75.1	30.0	15.1	4.7	1.48
New entrants	1,092	1,080	15.4	2.5	81.1	20.9	11.8	3.1	1.35
Men, 16 years and over	4,909	4,077	26.4	5.3	80.3	29.6	20.9	5.3	1.70
Job losers ¹	3,172	2,401	33.4	5.9	79.3	32.2	23.1	6.2	1.80
Job leavers	323	319	27.6	8.8	80.3	36.1	25.4	3.4	1.82
Reentrants	912	860	22.0	3.8	81.0	25.8	17.1	4.8	1.55
New entrants	502	497	15.7	2.6	84.3	19.9	14.3	3.0	1.40
Women, 16 years and over	3,615	3,230	20.5	5.3	74.6	35.9	14.7	3.3	1.54
Job losers ¹	1,427	1,110	29.4	8.0	75.9	42.9	20.5	2.7	1.79
Job leavers	403	409	13.4	5.9	76.5	44.5	9.3	1.7	1.51
Reentrants	1,195	1,128	16.9	3.9	70.7	33.1	13.7	4.7	1.43
New entrants	590	583	15.1	2.4	78.4	21.8	9.6	3.1	1.30

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	
	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984
All industries	98,840	103,628	55,434	58,117	43,406	45,510
16 to 19 years	5,753	6,012	2,965	3,095	2,788	2,917
16 to 17 years	2,044	2,134	1,042	1,088	1,002	1,046
18 to 19 years	3,710	3,876	1,923	2,007	1,787	1,871
20 to 24 years	13,273	13,826	6,910	7,370	6,383	6,458
25 to 54 years	65,691	69,509	37,184	39,285	28,507	30,224
25 to 34 years	26,383	29,978	15,925	16,912	12,458	13,067
35 to 44 years	21,634	23,331	12,211	13,117	9,423	10,215
45 to 54 years	15,674	16,200	9,048	9,257	6,626	6,943
55 to 64 years	11,202	11,455	6,609	6,691	4,592	4,764
55 to 59 years	6,779	6,936	4,003	4,057	2,776	2,879
60 to 64 years	4,423	4,520	2,607	2,634	1,816	1,885
65 years and over	2,921	2,823	1,765	1,676	1,155	1,147
Agriculture	3,185	3,191	2,564	2,580	621	611
16 to 19 years	291	266	242	225	49	41
16 to 17 years	127	118	101	98	26	20
18 to 19 years	164	148	141	127	23	21
20 to 24 years	404	437	318	366	86	71
25 to 54 years	1,766	1,818	1,377	1,410	389	408
25 to 34 years	766	762	612	608	155	154
35 to 44 years	543	606	413	463	130	142
45 to 54 years	456	451	352	339	104	112
55 to 64 years	433	413	374	354	59	59
55 to 59 years	240	227	204	191	36	36
60 to 64 years	193	186	170	163	23	23
65 years and over	291	257	254	225	38	32
Nonagricultural industries	95,655	100,437	52,870	55,537	42,785	44,899
16 to 19 years	5,462	5,745	2,723	2,870	2,739	2,875
16 to 17 years	1,916	2,016	941	990	975	1,026
18 to 19 years	3,546	3,729	1,782	1,880	1,764	1,849
20 to 24 years	12,669	13,391	6,592	7,004	6,276	6,387
25 to 54 years	63,925	67,691	35,807	37,875	28,118	29,818
25 to 34 years	27,615	29,216	15,312	16,304	12,302	12,912
35 to 44 years	21,092	22,726	11,798	12,653	9,294	10,072
45 to 54 years	15,219	15,749	8,697	8,918	6,522	6,831
55 to 64 years	10,769	11,043	6,235	6,337	4,534	4,705
55 to 59 years	6,539	6,709	3,799	3,866	2,740	2,843
60 to 64 years	4,230	4,334	2,437	2,471	1,793	1,882
65 years and over	2,629	2,567	1,512	1,451	1,118	1,115

**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	
	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984
Total	98,840	103,628	55,434	58,117	52,469	55,022	43,406	45,510	40,618	42,594
Managerial and professional specialty	23,805	24,977	14,057	14,522	13,995	14,453	9,748	10,454	9,684	10,367
Executive, administrative, and managerial	10,813	11,373	7,344	7,598	7,320	7,564	3,469	3,775	3,447	3,747
Officials and administrators, public administration	480	495	297	289	297	288	184	206	183	206
Other executive, administrative, and managerial	7,230	7,568	5,178	5,392	5,157	5,375	2,051	2,176	2,032	2,157
Management-related occupations	3,103	3,310	1,869	1,916	1,866	1,901	1,234	1,393	1,232	1,384
Professional specialty	12,992	13,603	6,713	6,924	6,675	6,889	6,279	6,679	6,237	6,621
Engineers	1,605	1,634	1,518	1,530	1,518	1,530	87	103	87	101
Mathematical and computer scientists	445	514	315	335	315	335	130	179	130	177
Natural scientists	366	382	293	305	294	305	73	77	73	76
Health diagnosing occupations	770	796	658	683	658	683	112	113	111	113
Health assessment and treating occupations	1,850	1,940	290	263	289	263	1,561	1,677	1,560	1,671
Teachers, college and university	643	647	413	404	411	405	231	243	225	239
Teachers, except college and university	3,629	3,735	1,050	1,035	1,041	1,028	2,579	2,700	2,568	2,677
Lawyers and judges	659	676	555	588	553	588	105	87	105	87
Other professional specialty occupations	3,024	3,281	1,621	1,781	1,598	1,752	1,402	1,500	1,379	1,479
Technical, sales, and administrative support	30,601	32,020	10,842	11,505	10,325	10,952	19,759	20,514	18,393	19,072
Technicians and related support	2,990	3,060	1,527	1,630	1,511	1,607	1,462	1,430	1,449	1,413
Health technologists and technicians	1,102	1,051	159	177	158	174	943	875	938	867
Engineering and science technicians	1,006	1,058	789	838	782	825	217	219	210	211
Technicians, except health, engineering, and science	882	951	579	615	571	608	303	336	302	335
Sales occupations	11,432	12,351	6,052	6,536	5,728	6,198	5,380	5,815	4,634	4,978
Supervisors and proprietors	2,912	3,147	2,055	2,267	2,035	2,243	856	880	839	871
Sales representatives, finance and business services	1,761	2,026	1,106	1,238	1,103	1,229	655	789	637	774
Sales representatives, commodities, except retail	1,443	1,466	1,236	1,232	1,224	1,228	207	235	197	231
Sales workers, retail and personal services	5,261	5,661	1,636	1,779	1,346	1,477	3,625	3,883	2,923	3,073
Sales-related occupations	55	49	19	21	19	21	37	29	36	29
Administrative support, including clerical	16,180	16,609	3,263	3,339	3,086	3,147	12,917	13,270	12,310	12,681
Supervisors	632	666	332	308	331	309	300	358	293	358
Computer equipment operators	550	691	214	235	203	218	336	456	313	431
Secretaries, stenographers, and typists	4,885	4,830	75	76	67	68	4,810	4,755	4,627	4,567
Financial records processing	2,383	2,457	244	256	241	244	2,139	2,201	2,101	2,147
Mail and message distributing	796	767	566	523	533	492	230	244	217	233
Other administrative support, including clerical	6,934	7,197	1,833	1,942	1,711	1,816	5,101	5,256	4,759	4,945
Service occupations	13,407	14,024	5,337	5,461	4,488	4,555	8,070	8,563	6,975	7,438
Private household	936	1,004	37	41	27	22	899	962	699	774
Protective service	1,562	1,604	1,384	1,418	1,359	1,376	178	185	165	176
Service, except private household and protective	10,910	11,417	3,917	4,002	3,101	3,157	6,993	7,415	6,111	6,487
Food service	4,737	4,894	1,680	1,687	1,120	1,102	3,056	3,208	2,440	2,521
Health service	1,673	1,787	211	200	196	188	1,463	1,587	1,365	1,508
Cleaning and building service	2,665	2,792	1,646	1,723	1,457	1,523	1,019	1,070	944	1,007
Personal service	1,836	1,943	380	392	328	344	1,456	1,551	1,362	1,452
Precision production, craft, and repair	11,881	12,771	10,916	11,718	10,644	11,437	965	1,053	947	1,034
Mechanics and repairers	4,021	4,368	3,890	4,239	3,792	4,131	132	129	132	129
Construction trades	4,063	4,382	3,979	4,327	3,859	4,200	84	55	79	52
Other precision production, craft, and repair	3,796	4,021	3,047	3,152	2,992	3,106	749	869	736	852
Operators, fabricators, and laborers	15,641	16,486	11,293	12,075	10,351	11,074	4,348	4,411	4,159	4,206
Machine operators, assemblers, and inspectors	7,530	7,897	4,206	4,558	4,037	4,354	3,325	3,339	3,233	3,223
Manufacturing industries	6,360	6,666	3,470	3,768	3,348	3,622	2,890	2,897	2,823	2,803
Durable goods	3,375	3,681	2,226	2,524	2,143	2,443	1,149	1,158	1,132	1,128
Nondurable goods	2,985	2,984	1,244	1,245	1,204	1,179	1,741	1,739	1,691	1,675
Nonmanufacturing industries	1,170	1,231	735	789	690	732	435	441	410	420
Transportation and material moving occupations	4,077	4,422	3,750	4,042	3,644	3,914	327	380	318	361
Motor vehicle operators	2,914	3,180	2,638	2,856	2,549	2,752	275	324	266	304
Other transportation and material moving occupations	1,163	1,243	1,111	1,186	1,094	1,162	52	57	53	57
Handlers, equipment cleaners, helpers, and laborers	4,034	4,167	3,338	3,475	2,670	2,806	696	692	608	623
Construction laborers	528	591	515	582	471	518	13	9	13	8
Other handlers, equipment cleaners, helpers, and laborers	3,506	3,576	2,823	2,893	2,199	2,288	683	683	594	615
Farming, forestry, and fishing	3,503	3,349	2,988	2,836	2,666	2,551	516	514	459	476
Farm operators and managers	1,409	1,359	1,250	1,197	1,236	1,187	158	162	153	162
Other farming, forestry, and fishing occupations	2,095	1,990	1,737	1,639	1,431	1,364	358	351	305	315

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	April 1983	April 1984	April 1983	April 1984	April 1983	April 1984
TOTAL						
Total, 16 years and over (thousands)	98,840	103,628	55,434	58,117	43,406	45,510
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	24.1	24.1	25.4	25.0	22.5	23.0
Executive, administrative, and managerial	10.9	11.0	13.2	13.1	8.0	8.3
Professional specialty	13.1	13.1	12.1	11.9	14.5	14.7
Technical, sales, and administrative support	31.0	30.9	19.6	19.8	45.5	45.1
Technicians and related support	3.0	3.0	2.8	2.8	3.4	3.1
Sales occupations	11.6	11.9	10.9	11.2	12.4	12.8
Administrative support, including clerical	16.4	18.0	5.9	5.7	29.8	29.2
Service occupations	13.6	13.5	9.6	9.4	18.8	18.8
Private household .....	.9	1.0	.1	.1	2.1	2.1
Protective service	1.6	1.5	2.5	2.4	.4	.4
Service, except private household and protective	11.0	11.0	7.1	8.9	16.1	16.3
Precision production, craft, and repair	12.0	12.3	19.7	20.2	2.2	2.3
Operators, fabricators, and laborers	15.8	15.9	20.4	20.8	10.0	9.7
Machine operators, assemblers, and inspectors	7.8	7.6	7.6	7.8	7.7	7.3
Transportation and material moving occupations	4.1	4.3	8.8	7.0	.8	.8
Handlers, equipment cleaners, helpers, and laborers	4.1	4.0	6.0	6.0	1.6	1.5
Farming, forestry, and fishing	3.5	3.2	5.4	4.9	1.2	1.1
White						
Total, 16 years and over (thousands)	87,216	91,244	49,503	51,803	37,714	39,441
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	24.9	25.0	28.3	25.9	23.2	23.8
Executive, administrative, and managerial	11.5	11.5	13.9	13.7	8.3	8.7
Professional specialty	13.4	13.5	12.4	12.3	14.8	15.1
Technical, sales, and administrative support	31.7	31.5	20.0	20.2	46.9	46.4
Technicians and related support	3.0	3.0	2.8	2.8	3.4	3.2
Sales occupations	12.2	12.6	11.8	11.9	13.1	13.5
Administrative support, including clerical	16.4	15.9	5.8	5.4	30.5	29.8
Service occupations	12.4	12.2	8.7	8.4	17.3	17.2
Private household .....	.8	.8	.1	.1	1.7	1.8
Protective service	1.5	1.5	2.4	2.3	.4	.4
Service, except private household and protective	10.1	10.0	6.2	8.0	15.2	15.2
Precision production, craft, and repair	12.4	12.8	20.3	20.8	2.1	2.2
Operators, fabricators, and laborers	15.0	15.1	19.3	19.8	9.3	9.0
Machine operators, assemblers, and inspectors	7.2	7.3	7.3	7.6	7.0	8.8
Transportation and material moving occupations	4.0	4.1	6.5	8.6	.7	.8
Handlers, equipment cleaners, helpers, and laborers	3.8	3.8	5.5	5.8	1.6	1.4
Farming, forestry, and fishing	3.6	3.3	5.4	4.9	1.2	1.2
Black						
Total, 16 years and over (thousands)	9,106	9,778	4,585	4,910	4,523	4,868
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	14.7	14.6	13.2	13.1	16.2	16.2
Executive, administrative, and managerial	5.8	6.0	6.3	6.8	5.2	5.1
Professional specialty	9.0	8.7	6.9	6.3	11.0	11.1
Technical, sales, and administrative support	24.8	25.8	14.7	15.7	35.1	36.0
Technicians and related support	2.4	2.3	2.1	1.9	2.7	2.7
Sales occupations	5.5	6.2	4.2	4.9	6.9	7.5
Administrative support, including clerical	17.0	17.3	8.5	8.9	25.8	25.8
Service occupations	24.0	24.8	18.4	18.6	29.6	31.0
Private household	2.5	3.0	.1	.1	4.9	8.0
Protective service	2.3	2.4	4.0	4.1	.6	.7
Service, except private household and protective	19.2	19.4	14.4	14.5	24.1	24.3
Precision production, craft, and repair	8.5	8.9	14.4	15.4	2.6	2.3
Operators, fabricators, and laborers	24.5	23.6	33.3	32.8	15.6	14.3
Machine operators, assemblers, and inspectors	11.9	10.6	10.9	10.1	12.8	11.2
Transportation and material moving occupations	5.9	6.4	10.6	11.9	1.0	1.0
Handlers, equipment cleaners, helpers, and laborers	6.8	8.5	11.7	10.8	1.7	2.1
Farming, forestry, and fishing	3.4	2.3	6.0	4.4	.8	.2

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	April 1984								
	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self-employed workers	Unpaid family workers	Wage and salary workers	Self-employed workers	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	92,243	1,234	16,052	74,957	7,850	343	1,526	1,485	181
16 to 19 years	5,618	256	291	5,072	103	23	212	14	40
16 to 17 years	1,967	167	50	1,751	36	10	80	9	29
18 to 19 years	3,651	89	241	3,321	65	13	132	4	12
20 to 24 years	13,020	148	1,212	11,660	335	36	332	92	13
25 to 34 years	27,236	171	4,561	22,484	1,916	64	434	296	31
35 to 44 years	20,450	150	4,482	15,818	2,184	92	241	330	34
45 to 54 years	14,124	145	3,024	10,955	1,562	83	152	264	34
55 to 64 years	9,797	234	2,139	7,424	1,195	50	109	287	16
55 to 59 years	5,985	104	1,334	4,546	691	34	68	150	8
60 to 64 years	3,813	130	804	2,878	504	16	41	137	8
65 years and over	1,996	131	324	1,543	554	14	44	200	12
Men, 16 years and over	50,110	177	7,666	42,247	5,370	58	1,220	1,296	64
16 to 19 years	2,783	65	123	2,595	68	20	175	14	36
16 to 17 years	955	40	14	901	28	8	64	9	25
18 to 19 years	1,828	24	109	1,694	41	11	111	5	11
20 to 24 years	6,769	24	557	6,188	219	16	273	83	10
25 to 34 years	15,012	30	2,084	12,898	1,281	10	344	256	8
35 to 44 years	11,194	13	2,164	9,017	1,458	1	192	270	2
45 to 54 years	7,842	8	1,546	6,290	1,071	5	104	233	2
55 to 64 years	5,464	24	1,045	4,395	870	3	94	259	2
55 to 59 years	3,376	9	843	2,724	489	-	56	135	-
60 to 64 years	2,087	14	403	1,670	380	3	37	124	2
65 years and over	1,046	15	166	864	403	2	38	181	5
Women, 16 years and over	42,134	1,058	8,366	32,710	2,480	266	306	168	117
16 to 19 years	2,835	191	167	2,477	36	4	37	-	4
16 to 17 years	1,012	127	35	850	12	2	18	-	4
18 to 19 years	1,823	64	132	1,627	24	2	21	-	-
20 to 24 years	6,251	124	655	5,472	116	20	58	9	3
25 to 34 years	12,223	141	2,496	9,586	635	54	91	40	23
35 to 44 years	9,255	136	2,318	6,801	726	91	50	60	33
45 to 54 years	6,283	139	1,479	4,665	491	58	48	31	32
55 to 64 years	4,333	211	1,093	3,029	325	47	18	28	15
55 to 59 years	2,608	95	692	1,822	201	34	12	15	9
60 to 64 years	1,725	116	402	1,207	124	13	4	13	6
65 years and over	952	115	158	679	151	12	6	19	7

A-25. Employed civilians by industry and occupation

(In thousands)

Industry	April 1984												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations		Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical	Private household	Other service ¹		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture	3,191	57	66	36	10	100	-	15	39	9	52	19	2,787
Mining	888	121	81	37	16	129	-	19	312	33	114	26	1
Construction	6,316	693	142	55	44	420	-	27	3,718	63	447	694	14
Manufacturing	20,782	2,211	1,592	726	789	2,500	-	375	3,956	6,666	858	1,017	93
Durable goods	12,389	1,371	1,097	527	286	1,472	-	198	2,748	3,681	447	475	85
Nondurable goods	8,393	840	495	199	503	1,028	-	175	1,207	2,984	411	542	8
Transportation and public utilities	7,268	738	415	218	261	1,957	-	253	1,335	119	1,539	424	10
Wholesale and retail trade	21,315	1,706	383	61	8,946	2,081	-	4,087	1,319	271	805	1,633	24
Wholesale trade	4,149	454	72	24	1,626	804	-	47	268	138	420	265	10
Retail trade	17,166	1,251	310	37	7,320	1,277	-	4,040	1,031	132	385	1,367	14
Finance, insurance, and real estate	6,669	1,513	166	108	1,840	2,800	-	234	107	16	13	10	59
Services	32,522	3,342	10,113	1,633	624	5,288	1,004	6,937	1,751	685	519	303	325
Private households	1,239	11	5	2	1	10	1,004	83	8	2	9	25	81
Other service industries	31,283	3,330	10,107	1,631	622	5,278	-	6,854	1,745	683	510	278	244
Professional services	21,540	1,836	9,181	1,386	119	3,842	-	4,181	399	150	293	84	89
Public administration	4,678	993	644	186	21	1,333	-	1,076	234	35	75	42	38

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					
	Apr. 1983	Apr. 1984	Total		Wage and salary workers ¹			
			Apr. 1983	Apr. 1984	Paid absences		Unpaid absences	
					Apr. 1983	Apr. 1984	Apr. 1983	Apr. 1984
Total, 16 years and over	3,776	3,846	3,650	3,744	1,577	1,722	1,520	1,500
Vacation	1,303	1,481	1,281	1,468	863	993	286	345
Illness	1,287	1,289	1,251	1,252	513	522	618	601
Bad weather	164	100	131	80	(²)	(²)	(²)	(²)
Industrial dispute	42	37	43	37	(²)	(²)	(²)	(²)
All other reasons	979	939	944	908	201	207	615	554
Men, 16 years and over	2,040	1,972	1,933	1,884	891	927	704	630
Vacation	726	806	708	795	512	568	130	153
Illness	698	660	666	626	292	282	299	275
All other reasons ²	617	507	559	464	87	78	275	202
Women, 16 years and over	1,736	1,873	1,717	1,860	666	795	814	871
Vacation	577	675	573	673	351	425	156	192
Illness	589	629	585	625	221	240	318	327
All other reasons ²	570	568	558	561	114	130	339	352

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	April 1984					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	99,782	3,090	96,692	100.0	100.0	100.0
1 to 34 hours	24,239	920	23,318	24.3	29.8	24.1
1 to 4 hours	805	45	760	.8	1.5	.8
5 to 14 hours	4,697	234	4,463	4.7	7.6	4.6
15 to 29 hours	12,255	413	11,842	12.3	13.4	12.2
30 to 34 hours	8,482	228	8,253	6.5	7.4	6.5
35 hours and over	75,544	2,169	73,374	75.7	70.2	75.9
35 to 39 hours	7,214	114	7,100	7.2	3.7	7.3
40 hours	42,148	609	41,539	42.2	19.7	43.0
41 hours and over	26,182	1,446	24,735	26.2	48.8	25.6
41 to 48 hours	10,019	278	9,741	10.0	9.0	10.1
49 to 59 hours	9,073	380	8,692	9.1	12.3	9.0
60 hours and over	7,090	788	6,302	7.1	25.5	6.5
Average hours, total at work	38.6	43.5	38.4	-	-	-
Average hours, workers on full-time schedules	43.3	50.5	43.0	-	-	-

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	April 1984					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	24,239	6,101	18,137	23,318	5,768	17,550
Economic reasons	5,325	1,584	3,761	5,132	1,492	3,640
Slack work	2,256	1,233	1,023	2,148	1,176	972
Material shortages or repairs to plant and equipment	73	73	-	68	68	-
New job started during week	163	163	-	154	154	-
Job terminated during week	94	94	-	94	94	-
Could find only part-time work	2,738	-	2,738	2,668	-	2,668
Other reasons	18,913	4,537	14,376	18,185	4,275	13,910
Does not want, or unavailable for, full-time work	12,238	-	12,238	11,892	-	11,892
Vacation	891	691	-	881	681	-
Illness	1,763	1,571	192	1,709	1,535	174
Bad weather	491	491	-	381	381	-
Industrial dispute	6	6	-	6	6	-
Legal or religious holiday	122	122	-	122	122	-
Full time for this job	1,422	-	1,422	1,389	-	1,389
All other reasons	1,979	1,455	524	1,805	1,350	455
Average hours:						
Economic reasons	21.8	23.6	21.0	21.6	23.6	21.1
Other reasons	20.5	25.9	18.8	20.5	26.0	18.6
Worked 30 to 34 hours:						
Economic reasons	1,556	633	923	1,509	603	906
Other reasons	4,926	2,326	2,600	4,744	2,230	2,514

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

(Numbers in thousands)

Industry	April 1984								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	96,692	5,132	13,910	77,650	52,915	9,741	14,994	38.4	43.0
Wage and salary workers	88,974	4,534	12,519	71,921	50,279	9,134	12,508	38.3	42.6
Mining	823	30	13	780	157	101	216	44.9	46.2
Construction	4,919	376	247	4,294	3,190	436	668	39.0	41.7
Manufacturing	19,658	603	647	18,408	12,752	2,919	2,737	41.1	42.4
Durable goods	11,762	243	243	11,276	7,753	1,787	1,736	41.7	42.6
Nondurable goods	7,895	360	403	7,132	5,001	1,131	1,000	40.2	42.2
Transportation and public utilities	6,603	199	323	6,081	4,174	794	1,113	41.4	43.2
Wholesale and retail trade	16,582	1,539	4,720	12,323	7,903	1,827	2,593	35.5	43.2
Finance, insurance, and real estate	5,944	104	560	5,280	3,877	586	817	39.4	41.8
Service industries	27,898	1,638	5,813	20,447	14,552	2,052	3,843	36.4	42.8
Private households	1,188	234	553	401	258	44	99	25.0	47.2
All other industries	26,710	1,404	5,260	20,046	14,284	2,008	3,744	36.9	42.7
Public administration	4,547	42	197	4,308	3,366	420	522	40.6	41.8
Self-employed workers	7,374	585	1,235	5,554	2,522	597	2,435	40.7	48.2
Unpaid family workers	344	13	156	175	114	9	52	34.0	45.9

**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	April 1984							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Total, 16 years and over	96,892	5,132	13,910	77,650	52,915	24,735	38.4	43.0
16 to 19 years	5,608	507	3,455	1,646	1,334	312	23.5	40.3
16 to 17 years	1,956	70	1,737	149	128	21	16.2	37.7
18 to 19 years	3,852	438	1,718	1,496	1,204	292	27.4	40.8
20 years and over	91,085	4,825	10,454	76,006	51,584	24,422	39.4	43.1
20 to 24 years	13,024	1,118	2,212	9,696	7,081	2,615	36.4	41.9
25 years and over	78,061	3,510	8,242	66,309	44,501	21,808	39.8	43.3
25 to 44 years	50,197	2,307	4,403	43,487	28,878	14,609	40.3	43.4
45 to 64 years	25,477	1,110	2,717	21,650	14,772	6,878	39.9	43.2
65 years and over	2,387	93	1,122	1,172	851	321	29.6	42.2
Men, 16 years and over	53,653	2,313	4,169	47,171	28,813	18,358	41.4	44.5
16 to 19 years	2,817	251	1,631	935	709	226	24.9	41.0
16 to 17 years	964	40	831	93	78	15	17.3	38.1
18 to 19 years	1,852	212	800	840	628	212	28.8	41.4
20 years and over	50,836	2,061	2,538	46,237	28,105	18,132	42.4	44.5
20 to 24 years	6,860	517	928	5,415	3,586	1,829	38.2	43.1
25 years and over	43,977	1,544	1,610	40,823	24,520	16,303	43.0	44.7
25 to 44 years	28,112	1,044	576	26,492	15,559	10,933	43.6	44.9
45 to 64 years	14,524	460	480	13,584	8,440	5,144	43.0	44.5
65 years and over	1,340	38	553	749	522	227	31.9	43.3
Women, 16 years and over	43,040	2,819	9,741	30,480	24,103	6,377	34.7	40.9
16 to 19 years	2,791	255	1,824	712	626	86	22.1	39.3
16 to 17 years	991	29	906	56	49	7	15.2	(¹)
18 to 19 years	1,800	226	918	856	576	80	25.9	39.5
20 years and over	40,249	2,563	7,917	29,769	23,478	6,291	35.6	40.9
20 to 24 years	6,164	599	1,284	4,281	3,494	787	34.3	40.5
25 years and over	34,084	1,966	6,632	25,486	19,981	5,505	35.8	41.0
25 to 44 years	22,085	1,262	3,827	16,996	13,320	3,676	36.3	41.0
45 to 64 years	10,953	648	2,238	8,067	6,331	1,736	35.7	41.0
65 years and over	1,047	56	569	422	328	94	26.6	40.4
RACE								
White, 16 years and over	84,947	4,209	12,705	66,033	45,108	22,925	38.6	43.3
Men	47,664	1,894	3,768	42,022	24,856	17,166	41.7	44.7
Women	37,263	2,316	8,937	26,010	20,250	5,760	34.5	41.0
Black, 16 years and over	9,302	805	884	7,613	6,294	1,319	37.1	40.9
Men	4,674	356	284	4,034	3,145	889	38.9	41.8
Women	4,628	448	600	3,580	3,149	431	35.4	39.9
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	35,724	1,064	1,158	33,502	19,743	13,759	43.4	44.9
Widowed, divorced, or separated	4,825	272	222	4,331	2,690	1,641	41.9	44.3
Single (never married)	13,104	976	2,789	9,339	6,381	2,958	35.9	43.0
Women, 16 years and over:								
Married, spouse present	23,901	1,417	5,603	16,881	13,575	3,306	34.7	40.6
Widowed, divorced, or separated	8,429	593	1,112	6,724	5,096	1,628	37.3	41.4
Single (never married)	10,711	809	3,026	6,676	5,434	1,442	32.7	40.9

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Occupation and sex	April 1984								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	96,561	5,096	13,886	77,580	52,794	9,729	15,057	38.5	43.1
Managerial and professional specialty	24,125	464	2,197	21,465	12,650	2,535	6,280	42.3	45.1
Executive, administrative, and managerial	11,024	126	496	10,402	5,581	1,345	3,477	44.7	46.1
Professional specialty	13,102	338	1,701	11,069	7,070	1,190	2,803	40.2	44.2
Technical, sales, and administrative support	30,954	1,324	5,738	23,892	17,265	2,857	3,770	37.0	42.1
Technicians and related support	2,952	58	360	2,534	1,941	291	302	38.6	41.6
Sales occupations	11,951	733	2,570	8,648	4,786	1,258	2,605	37.9	44.9
Administrative support, including clerical	16,051	533	2,808	12,710	10,537	1,309	864	36.0	40.2
Service occupations	13,430	1,456	4,109	7,864	6,042	739	1,084	32.4	42.0
Private household	962	171	490	301	210	27	64	23.8	45.2
Protective service	1,539	41	146	1,352	855	196	302	41.6	45.0
Service, except private household and protective	10,928	1,244	3,473	6,211	4,977	515	719	31.8	41.1
Precision production, craft, and repair	12,257	668	448	11,141	7,549	1,670	1,923	40.8	42.8
Operators, fabricators, and laborers	15,795	1,184	1,394	13,217	9,289	1,929	2,000	39.0	42.4
Machine operators, assemblers, and inspectors	7,565	466	320	6,779	5,015	1,082	662	39.6	41.6
Transportation and material moving occupations	4,207	266	330	3,611	2,103	492	1,016	41.6	45.1
Handlers, equipment cleaners, helpers, and laborers	4,023	452	744	2,827	2,171	355	302	35.0	41.1
Men, 16 years and over	53,426	2,268	4,111	47,047	28,651	6,539	11,857	41.5	44.5
Managerial and professional specialty	14,104	201	802	13,301	6,901	1,594	4,806	45.2	46.8
Executive, administrative, and managerial	7,357	81	209	7,068	3,380	905	2,803	46.5	47.6
Professional specialty	6,747	120	394	6,233	3,541	690	2,003	43.8	45.9
Technical, sales, and administrative support	11,196	268	1,081	9,846	5,638	1,471	2,737	41.6	44.8
Technicians and related support	1,589	29	84	1,475	1,058	190	227	40.6	42.3
Sales occupations	6,346	169	622	5,556	2,546	876	2,134	43.2	46.8
Administrative support, including clerical	3,260	70	375	2,815	2,033	405	376	38.9	42.1
Service occupations	5,281	408	1,119	3,754	2,648	444	661	36.1	43.4
Private household	38	6	21	10	5	-	5	(¹)	(¹)
Protective service	1,364	35	92	1,237	759	192	286	42.6	45.2
Service, except private household and protective	3,879	367	1,005	2,507	1,884	252	371	33.9	42.5
Precision production, craft, and repair	11,250	626	356	10,268	6,874	1,539	1,854	41.0	42.9
Operators, fabricators, and laborers	11,595	764	953	9,878	6,589	1,490	1,798	39.9	43.2
Machine operators, assemblers, and inspectors	4,390	203	146	4,041	2,760	737	545	41.0	42.6
Transportation and material moving occupations	3,845	212	187	3,448	2,002	456	988	42.7	45.3
Handlers, equipment cleaners, helpers, and laborers	3,360	349	620	2,390	1,828	298	265	35.2	41.2
Women, 16 years and over	43,136	2,828	9,774	30,533	24,143	3,190	3,199	34.7	40.8
Managerial and professional specialty	10,021	264	1,594	8,163	5,749	940	1,474	38.1	42.4
Executive, administrative, and managerial	3,666	45	287	3,334	2,221	440	673	41.0	43.0
Professional specialty	6,355	218	1,307	4,829	3,529	500	800	36.4	42.0
Technical, sales, and administrative support	19,759	1,056	4,657	14,046	11,627	1,387	1,032	34.4	40.1
Technicians and related support	1,363	29	276	1,059	883	101	74	36.3	40.5
Sales occupations	5,605	565	1,948	3,092	2,240	382	471	31.9	41.5
Administrative support, including clerical	12,791	462	2,433	9,895	8,504	903	467	35.2	39.7
Service occupations	8,149	1,048	2,991	4,110	3,393	294	423	30.0	40.7
Private household	925	165	469	291	205	27	59	24.0	45.1
Protective service	175	6	54	115	95	4	16	34.1	42.2
Service, except private household and protective	7,049	877	2,468	3,704	3,093	263	348	30.6	40.3
Precision production, craft, and repair	1,007	41	92	874	674	131	69	38.3	41.1
Operators, fabricators, and laborers	4,200	420	441	3,339	2,700	438	202	36.4	40.2
Machine operators, assemblers, and inspectors	3,175	263	174	2,738	2,256	345	138	37.7	40.1
Transportation and material moving occupations	362	54	143	165	101	36	27	29.6	41.9
Handlers, equipment cleaners, helpers, and laborers	663	103	123	437	343	57	37	34.0	40.6

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status and sex	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
TOTAL													
Noninstitutional population ¹	175,465	175,622	175,793	175,970	176,122	176,297	176,474	176,636	176,809	177,219	177,363	177,510	177,662
Labor force ¹	112,646	112,619	113,573	113,489	113,799	113,924	113,561	113,720	113,824	113,901	114,377	114,598	114,938
Percent of population ²	64.2	64.1	64.8	64.5	64.6	64.6	64.3	64.4	64.4	64.3	64.5	64.6	64.7
Total employed ¹	101,277	101,431	102,411	102,889	103,166	103,571	103,665	104,291	104,629	104,876	105,578	105,826	106,095
Employment-population ratio ³	57.7	57.8	58.3	58.5	58.6	58.7	58.7	59.0	59.2	59.2	59.5	59.8	59.7
Resident Armed Forces	1,671	1,669	1,668	1,664	1,662	1,695	1,695	1,685	1,688	1,686	1,684	1,686	1,693
Civilian employed	99,606	99,762	100,743	101,225	101,484	101,876	101,970	102,606	102,941	103,190	103,892	104,140	104,402
Agriculture	3,392	3,374	3,479	3,499	3,449	3,308	3,240	3,257	3,356	3,271	3,395	3,281	3,393
Nonagricultural industries	96,214	96,388	97,264	97,726	98,035	98,568	98,730	99,349	99,585	99,918	100,496	100,859	101,009
Unemployed	11,369	11,188	11,162	10,600	10,633	10,353	9,896	9,429	9,195	9,026	8,801	8,772	8,843
Unemployment rate ⁴	10.1	9.9	9.8	9.3	9.3	9.1	8.7	8.3	8.1	7.9	7.7	7.7	7.7
Not in labor force	62,819	63,003	62,220	62,481	62,323	62,373	62,913	62,916	62,985	63,318	62,986	62,912	62,724
Men													
Noninstitutional population ¹	83,856	83,931	84,014	84,099	84,173	84,261	84,344	84,423	84,506	84,745	84,811	84,880	84,953
Labor force ¹	64,311	64,348	64,778	64,840	64,807	64,877	64,709	64,846	64,838	64,930	65,093	65,156	65,212
Percent of population ²	76.7	76.7	77.1	77.1	77.0	77.0	76.7	76.8	76.7	76.6	76.8	76.8	76.8
Total employed ¹	57,589	57,744	58,369	58,592	58,607	58,828	58,950	59,389	59,580	59,781	60,147	60,290	60,293
Employment-population ratio ³	68.7	68.8	69.5	69.7	69.6	69.8	69.9	70.3	70.5	70.5	70.9	71.0	71.0
Resident Armed Forces	1,530	1,528	1,525	1,521	1,538	1,549	1,543	1,534	1,537	1,542	1,540	1,542	1,548
Civilian employed	56,059	56,216	56,844	57,071	57,069	57,279	57,407	57,855	58,043	58,239	58,607	58,748	58,745
Unemployed	6,722	6,604	6,409	6,248	6,200	6,049	5,759	5,457	5,258	5,149	4,946	4,867	4,919
Unemployment rate ⁴	10.5	10.3	9.9	9.6	9.6	9.3	8.9	8.4	8.1	7.9	7.6	7.5	7.5
Not in labor force	19,545	19,583	19,236	19,259	19,366	19,384	19,635	19,577	19,668	19,815	19,718	19,724	19,741
Women													
Noninstitutional population ¹	91,609	91,691	91,779	91,871	91,949	92,036	92,129	92,214	92,302	92,474	92,552	92,630	92,709
Labor force ¹	48,335	48,271	48,795	48,849	48,992	49,047	48,852	48,874	48,986	48,971	49,283	49,442	49,725
Percent of population ²	52.8	52.6	53.2	53.0	53.3	53.3	53.0	53.0	53.1	53.0	53.2	53.4	53.6
Total employed ¹	43,688	43,687	44,042	44,297	44,559	44,743	44,715	44,902	45,049	45,094	45,429	45,536	45,802
Employment-population ratio ³	47.7	47.6	48.0	48.2	48.5	48.6	48.5	48.7	48.8	48.8	49.1	49.2	49.4
Resident Armed Forces	141	141	143	143	144	146	152	151	151	144	144	144	145
Civilian employed	43,547	43,546	43,899	44,154	44,415	44,597	44,563	44,751	44,898	44,950	45,285	45,392	45,657
Unemployed	4,647	4,584	4,753	4,352	4,433	4,304	4,137	3,972	3,937	3,876	3,855	3,905	3,924
Unemployment rate ⁴	9.6	9.5	9.7	8.9	9.0	8.8	8.5	8.1	8.0	7.9	7.8	7.9	7.9
Not in labor force	43,274	43,420	42,984	43,222	42,957	42,989	43,277	43,340	43,316	43,503	43,269	43,188	42,984

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

² Labor force as a percent of the noninstitutional population.

³ Total employment as a percent of the noninstitutional population.

⁴ Unemployment as a percent of the labor force (including the resident

Armed Forces).

NOTE: The population and Armed Forces figures are not adjusted for seasonal variation. Detail for the seasonally adjusted data shown in tables A-32 through A-41 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, sex, and age	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
TOTAL													
Civilian noninstitutional population ¹	173,794	173,953	174,125	174,306	174,440	174,602	174,779	174,951	175,121	175,533	175,879	175,824	175,969
Civilian labor force	110,975	110,950	111,905	111,825	112,117	112,229	111,866	112,035	112,136	112,215	112,893	112,912	113,245
Percent of population	63.9	63.8	64.3	64.2	64.3	64.3	64.0	64.0	64.0	63.9	64.1	64.2	64.4
Employed	99,806	99,762	100,743	101,225	101,484	101,876	101,970	102,606	102,941	103,190	103,892	104,140	104,402
Employment-population ratio ²	57.3	57.3	57.9	58.1	58.2	58.3	58.3	58.6	58.8	58.8	59.1	59.2	59.3
Unemployed	11,369	11,188	11,162	10,800	10,633	10,353	9,896	9,429	9,195	9,026	8,801	8,772	8,843
Unemployment rate	10.2	10.1	10.0	9.5	9.5	9.2	8.8	8.4	8.2	8.0	7.8	7.8	7.8
Men, 20 years and over													
Civilian noninstitutional population ¹	74,611	74,712	74,814	74,927	75,012	75,115	75,216	75,327	75,433	75,692	75,786	75,880	75,973
Civilian labor force	58,512	58,546	58,844	58,982	58,954	59,012	58,949	59,053	59,050	59,299	59,394	59,388	59,480
Percent of population	78.4	78.4	78.7	78.7	78.6	78.6	78.4	78.4	78.3	78.3	78.4	78.3	78.3
Employed	52,830	52,963	53,492	53,765	53,804	53,947	54,140	54,457	54,658	54,999	55,266	55,368	55,385
Employment-population ratio ²	70.8	70.9	71.5	71.8	71.7	71.8	72.0	72.3	72.5	72.7	72.9	73.0	72.9
Agriculture	2,421	2,440	2,497	2,521	2,475	2,431	2,378	2,336	2,374	2,356	2,409	2,364	2,453
Nonagricultural industries	50,409	50,523	50,995	51,244	51,329	51,516	51,764	52,121	52,284	52,643	52,857	53,004	52,932
Unemployed	5,682	5,583	5,352	5,217	5,150	5,065	4,809	4,596	4,392	4,300	4,128	4,020	4,095
Unemployment rate	9.7	9.5	9.1	8.8	8.7	8.6	8.2	7.8	7.4	7.3	7.0	6.8	6.9
Not in labor force	16,099	16,166	15,970	15,945	16,058	16,103	16,267	16,274	16,383	16,393	16,392	16,492	16,493
Women, 20 years and over													
Civilian noninstitutional population ¹	83,794	83,899	84,008	84,122	84,224	84,333	84,443	84,553	84,666	84,860	84,962	85,064	85,168
Civilian labor force	44,311	44,331	44,684	44,647	44,896	45,062	44,936	44,953	45,024	44,981	45,258	45,459	45,703
Percent of population	52.9	52.8	53.2	53.1	53.3	53.4	53.2	53.2	53.2	53.0	53.3	53.4	53.7
Employed	40,531	40,583	40,847	41,123	41,298	41,550	41,570	41,738	41,843	41,798	42,138	42,315	42,517
Employment-population ratio ²	48.4	48.4	48.6	48.9	49.0	49.3	49.2	49.4	49.4	49.3	49.6	49.7	49.9
Agriculture	621	605	634	613	627	581	597	638	653	625	640	574	619
Nonagricultural industries	39,910	39,978	40,213	40,510	40,671	40,969	40,973	41,100	41,190	41,174	41,498	41,741	41,898
Unemployed	3,780	3,748	3,837	3,524	3,598	3,512	3,366	3,215	3,181	3,182	3,120	3,144	3,186
Unemployment rate	8.5	8.5	8.6	7.9	8.0	7.8	7.5	7.2	7.1	7.1	6.9	6.9	7.0
Not in labor force	39,483	39,566	39,324	39,475	39,328	39,271	39,507	39,600	39,642	39,879	39,704	39,605	39,465
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	15,389	15,342	15,303	15,257	15,204	15,154	15,120	15,072	15,022	14,981	14,931	14,880	14,828
Civilian labor force	8,152	8,073	8,377	8,196	8,267	8,155	7,981	8,029	8,062	7,935	8,041	8,065	8,062
Percent of population	53.0	52.6	54.7	53.7	54.4	53.8	52.8	53.3	53.7	53.0	53.9	54.2	54.4
Employed	6,245	6,216	6,404	6,337	6,382	6,379	6,260	6,411	6,440	6,392	6,488	6,457	6,500
Employment-population ratio ²	40.6	40.5	41.8	41.5	42.0	42.1	41.4	42.5	42.9	42.7	43.5	43.4	43.8
Agriculture	350	329	348	365	347	296	267	283	329	290	346	343	321
Nonagricultural industries	5,895	5,887	6,056	5,972	8,035	8,083	5,993	8,128	6,111	6,102	6,142	6,114	6,179
Unemployed	1,907	1,857	1,973	1,859	1,885	1,776	1,721	1,618	1,622	1,543	1,553	1,608	1,562
Unemployment rate	23.4	23.0	23.6	22.7	22.8	21.8	21.6	20.2	20.1	19.4	19.3	19.9	19.4
Not in labor force	7,237	7,269	6,926	7,061	6,937	6,999	7,139	7,043	6,960	7,046	6,890	6,815	6,766

¹ The population figures are not adjusted for seasonal variation.

population.

² Civilian employment as a percent of the civilian noninstitutional

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1983								1984				
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
WHITE													
Civilian noninstitutional population ¹	150,518	150,671	150,610	150,959	151,003	151,021	151,175	151,324	151,484	151,939	152,079	152,285	152,178
Civilian labor force	96,450	96,472	97,235	97,255	97,498	97,507	97,339	97,559	97,724	97,813	98,167	98,424	98,495
Percent of population	64.1	64.0	64.5	64.4	64.8	64.8	64.4	64.5	64.5	64.4	64.6	64.6	64.7
Employed	87,854	88,004	88,836	89,260	89,503	89,693	89,851	90,430	90,779	91,044	91,544	91,845	91,933
Employment-population ratio ²	58.4	58.4	58.9	59.1	59.3	59.4	59.4	59.8	59.9	59.9	60.2	60.3	60.4
Unemployed	8,596	8,468	8,399	7,995	7,995	7,814	7,488	7,129	6,945	6,768	6,623	6,580	6,562
Unemployment rate	8.9	8.8	8.6	8.2	8.2	8.0	7.7	7.3	7.1	6.9	6.7	6.7	6.7
Men, 20 years and over													
Civilian labor force	51,480	51,561	51,820	51,901	51,878	51,881	51,902	52,021	52,063	52,270	52,335	52,398	52,406
Percent of population	78.7	78.7	79.0	79.0	78.9	79.0	78.9	78.9	78.9	78.8	78.8	78.8	78.8
Employed	47,085	47,231	47,704	47,891	47,886	47,908	48,128	48,414	48,589	48,964	49,149	49,343	49,329
Employment-population ratio ²	72.0	72.1	72.7	72.9	72.9	72.9	73.1	73.5	73.6	73.8	74.0	74.2	74.2
Unemployed	4,395	4,330	4,116	4,010	3,992	3,973	3,774	3,607	3,474	3,306	3,186	3,055	3,077
Unemployment rate	8.5	8.4	7.9	7.7	7.7	7.7	7.3	6.9	6.7	6.3	6.1	5.8	5.9
Women, 20 years and over													
Civilian labor force	37,793	37,805	38,129	38,161	38,356	38,468	38,438	38,489	38,556	38,505	38,726	38,873	39,032
Percent of population	52.2	52.2	52.6	52.5	52.7	52.8	52.7	52.7	52.8	52.8	52.8	52.9	53.1
Employed	35,049	35,082	35,309	35,574	35,767	35,928	36,016	36,177	36,292	36,180	36,465	36,570	36,686
Employment-population ratio ²	48.4	48.4	48.7	48.9	49.2	49.3	49.4	49.6	49.7	49.4	49.7	49.8	49.9
Unemployed	2,744	2,723	2,820	2,587	2,589	2,540	2,422	2,312	2,264	2,325	2,261	2,303	2,344
Unemployment rate	7.3	7.2	7.4	6.8	6.7	6.6	6.3	6.0	5.9	6.0	5.8	5.9	6.0
Both sexes, 16 to 19 years													
Civilian labor force	7,177	7,106	7,286	7,193	7,264	7,158	6,999	7,049	7,105	7,038	7,106	7,153	7,057
Percent of population	56.3	56.0	57.6	57.2	57.9	57.3	56.2	56.7	57.2	56.9	57.7	58.3	57.7
Employed	5,720	5,691	5,823	5,795	5,850	5,857	5,707	5,839	5,898	5,900	5,930	5,932	5,916
Employment-population ratio ²	44.9	44.8	48.1	46.1	46.6	46.9	45.8	47.0	47.5	47.7	48.1	48.3	48.4
Unemployed	1,457	1,415	1,463	1,398	1,414	1,301	1,292	1,210	1,207	1,138	1,176	1,221	1,141
Unemployment rate	20.3	19.9	20.1	19.4	19.5	18.2	18.5	17.2	17.0	16.2	16.5	17.1	18.2
Men	21.4	20.4	20.4	20.3	20.7	18.9	19.8	17.6	17.5	17.8	16.4	17.3	16.6
Women	19.1	19.4	19.7	18.4	18.2	17.4	16.9	16.6	16.5	14.5	16.7	16.8	15.7
BLACK													
Civilian noninstitutional population ¹	18,851	18,880	18,911	18,942	18,966	18,994	19,026	19,057	19,086	19,196	19,222	19,248	19,274
Civilian labor force	11,651	11,645	11,718	11,741	11,724	11,720	11,565	11,623	11,650	11,660	11,881	11,867	11,934
Percent of population	61.8	61.7	62.0	62.0	61.8	61.7	60.8	61.0	61.0	60.7	61.8	61.7	61.9
Employed	9,245	9,277	9,339	9,443	9,408	9,504	9,449	9,563	9,582	9,707	9,958	9,896	9,923
Employment-population ratio ²	49.0	49.1	49.4	49.9	49.6	50.0	49.7	50.2	50.2	50.6	51.8	51.4	51.5
Unemployed	2,406	2,368	2,379	2,298	2,316	2,216	2,118	2,060	2,068	1,953	1,923	1,972	2,011
Unemployment rate	20.7	20.3	20.3	19.6	19.8	18.9	18.3	17.7	17.8	16.7	16.2	16.6	16.8
Men, 20 years and over													
Civilian labor force	5,530	5,506	5,562	5,599	5,578	5,553	5,501	5,568	5,565	5,621	5,677	5,660	5,607
Percent of population	75.6	75.1	75.7	76.0	75.8	75.1	74.2	74.9	74.7	74.8	75.4	75.0	74.2
Employed	4,425	4,435	4,512	4,559	4,563	4,613	4,607	4,701	4,722	4,789	4,877	4,789	4,712
Employment-population ratio ²	60.5	60.5	61.4	61.9	61.8	62.4	62.1	63.2	63.4	63.7	64.8	63.5	62.4
Unemployed	1,105	1,071	1,050	1,040	1,015	940	894	867	843	833	800	871	894
Unemployment rate	20.0	19.5	18.9	18.8	18.2	16.9	16.3	15.6	15.1	14.8	14.1	15.4	16.0
Women, 20 years and over													
Civilian labor force	5,288	5,329	5,287	5,317	5,312	5,358	5,277	5,270	5,303	5,277	5,408	5,425	5,469
Percent of population	58.9	57.2	56.7	58.9	56.7	57.1	56.1	55.9	56.2	55.8	56.9	57.0	57.3
Employed	4,396	4,424	4,391	4,456	4,440	4,495	4,438	4,448	4,461	4,522	4,630	4,690	4,737
Employment-population ratio ²	47.3	47.5	47.1	47.7	47.4	47.9	47.2	47.2	47.3	47.7	48.7	49.2	49.8
Unemployed	892	905	896	859	872	863	839	822	842	755	777	735	731
Unemployment rate	16.9	17.0	16.9	16.2	16.4	16.1	15.9	15.6	15.9	14.3	14.4	13.5	13.4

See footnotes at end of table.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	833	810	869	825	834	809	787	785	782	762	796	783	859
Percent of population	37.2	36.3	39.0	37.1	37.6	36.6	35.6	35.6	35.8	34.7	36.4	35.9	39.5
Employed	424	418	436	426	405	396	404	414	399	397	450	417	474
Employment-population ratio ²	18.9	18.7	19.6	19.1	16.3	17.9	18.3	18.8	18.2	18.1	20.8	19.1	21.8
Unemployed	409	392	433	399	429	413	383	371	383	365	346	366	385
Unemployment rate	49.1	48.4	49.6	48.4	51.4	51.1	48.7	47.3	49.0	47.9	43.5	46.7	44.8
Men	46.6	52.1	50.7	48.3	53.7	52.7	45.6	44.9	48.4	47.1	46.7	44.4	42.8
Women	49.6	44.1	48.7	48.4	48.8	49.2	52.2	50.0	51.9	48.8	39.9	49.6	47.1
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	9,865	9,747	9,736	9,640	9,690	9,700	9,745	9,677	9,735	9,778	9,906	10,080	10,072
Civilian labor force	6,161	6,139	6,202	6,090	6,145	6,202	6,165	6,232	6,287	6,336	6,292	6,484	6,378
Percent of population	83.7	63.0	63.7	63.2	63.4	63.9	63.3	64.4	64.4	64.8	63.5	64.3	83.3
Employed	5,259	5,284	5,336	5,339	5,350	5,392	5,398	5,463	5,540	5,627	5,652	5,751	5,843
Employment-population ratio ²	54.4	54.2	54.8	55.4	55.2	55.8	55.4	56.5	56.9	57.6	57.1	57.1	56.0
Unemployed	902	855	866	751	795	810	787	769	727	708	639	733	735
Unemployment rate	14.8	13.9	14.0	12.3	12.9	13.1	12.4	12.3	11.8	11.2	10.2	11.3	11.5

¹ The population figures are not adjusted for seasonal variation.

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

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

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

(In thousands)

Category	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
CHARACTERISTIC													
Total	99,606	99,762	100,743	101,225	101,484	101,876	101,970	102,606	102,941	103,190	103,892	104,140	104,402
Married men, spouse present	37,602	37,616	37,911	38,254	36,281	38,232	38,240	38,388	38,494	38,682	38,911	38,927	39,062
Married women, spouse present	24,361	24,304	24,416	24,618	24,905	24,921	24,953	25,057	25,140	24,947	25,212	25,239	25,457
Women who maintain families	4,969	4,991	5,029	5,071	5,096	5,124	5,172	5,236	5,254	5,293	5,346	5,444	5,491
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,578	1,588	1,624	1,631	1,628	1,572	1,505	1,481	1,512	1,443	1,560	1,515	1,661
Self-employed workers	1,595	1,558	1,591	1,573	1,564	1,515	1,527	1,556	1,572	1,613	1,609	1,580	1,534
Unpaid family workers	219	233	252	251	240	236	227	224	265	233	232	198	207
Nonagricultural industries:													
Wage and salary workers	88,390	88,584	89,345	89,687	90,032	90,743	90,817	91,094	91,422	91,641	92,379	92,819	92,931
Government	15,524	15,530	15,514	15,593	15,671	15,560	15,578	15,585	15,481	15,535	15,822	15,813	15,784
Private industries	72,866	73,054	73,831	74,094	74,361	75,183	75,039	75,509	75,941	76,106	76,557	77,006	77,147
Private households	1,221	1,238	1,295	1,276	1,270	1,279	1,276	1,216	1,241	1,197	1,219	1,155	1,296
Other industries	71,645	71,816	72,536	72,818	73,091	73,904	73,761	74,293	74,700	74,909	75,339	75,851	75,851
Self-employed workers	7,504	7,448	7,510	7,595	7,641	7,656	7,695	7,800	7,734	7,936	7,849	7,755	7,834
Unpaid family workers	354	345	352	322	375	380	405	474	450	364	330	326	338
PERSONS AT WORK¹													
Nonagricultural industries	92,233	91,070	90,913	92,128	91,953	93,322	93,273	93,834	94,173	94,707	95,067	94,982	96,918
Full-time schedules	73,567	72,949	73,071	73,844	73,499	74,666	75,047	75,398	75,802	76,237	76,715	77,004	78,276
Part time for economic reasons	6,077	5,965	5,886	5,700	5,866	6,027	5,724	5,848	5,712	5,943	5,808	5,463	5,593
Usually work full time	1,888	1,748	1,777	1,781	1,742	1,771	1,617	1,719	1,672	1,771	1,611	1,472	1,530
Usually work part time	4,189	4,217	4,109	3,919	4,124	4,256	4,107	4,129	4,040	4,172	4,197	3,991	4,063
Part time for noneconomic reasons	12,589	12,156	11,956	12,582	12,588	12,629	12,502	12,659	12,659	12,527	12,545	12,515	13,049

¹ Excludes persons "with a job but not at work" during the survey

period for such reasons as vacation, illness, or industrial dispute.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(In thousands)

Sex and age	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total, 16 years and over	99,806	99,762	100,743	101,225	101,484	101,876	101,970	102,606	102,941	103,190	103,892	104,140	104,402
16 to 24 years	19,806	19,715	20,211	20,215	20,170	20,217	20,085	20,338	20,377	20,401	20,628	20,616	20,639
16 to 19 years	6,245	6,216	6,404	6,337	6,382	6,379	6,260	6,411	6,440	6,392	6,488	6,457	6,500
16 to 17 years	2,291	2,288	2,315	2,283	2,331	2,320	2,257	2,332	2,355	2,321	2,342	2,376	2,379
18 to 19 years	3,954	3,938	4,104	4,067	4,013	4,062	4,012	4,064	4,092	4,114	4,153	4,082	4,125
20 to 24 years	13,561	13,499	13,807	13,878	13,788	13,838	13,825	13,927	13,937	14,008	14,140	14,159	14,139
25 years and over	79,783	80,034	80,528	81,020	81,363	81,668	81,892	82,268	82,551	82,765	83,294	83,493	83,729
25 to 54 years	65,691	65,895	66,380	66,797	67,155	67,323	67,537	67,913	68,179	68,534	68,964	69,279	69,516
55 years and over	14,111	14,129	14,178	14,224	14,231	14,368	14,364	14,364	14,347	14,239	14,293	14,212	14,274
Men, 16 years and over	56,059	56,216	56,844	57,071	57,069	57,279	57,407	57,855	58,043	58,239	58,607	58,748	58,745
16 to 24 years	10,337	10,347	10,689	10,606	10,566	10,634	10,569	10,789	10,770	10,700	10,864	10,965	10,947
16 to 19 years	3,229	3,253	3,352	3,306	3,265	3,332	3,267	3,398	3,385	3,240	3,342	3,380	3,361
16 to 17 years	1,174	1,196	1,219	1,200	1,206	1,217	1,165	1,223	1,224	1,222	1,223	1,256	1,220
18 to 19 years	2,056	2,061	2,147	2,118	2,054	2,120	2,102	2,155	2,151	2,050	2,120	2,126	2,144
20 to 24 years	7,108	7,094	7,337	7,300	7,301	7,302	7,302	7,391	7,385	7,460	7,523	7,586	7,588
25 years and over	45,718	45,881	46,168	46,430	46,511	46,666	46,834	47,073	47,266	47,531	47,745	47,777	47,798
25 to 54 years	37,328	37,483	37,748	37,953	38,052	38,173	38,334	38,550	38,757	39,049	39,271	39,418	39,431
55 years and over	8,394	8,371	8,460	8,481	8,468	8,499	8,499	8,541	8,470	8,495	8,473	8,373	8,387
Women, 16 years and over	43,547	43,546	43,899	44,154	44,415	44,597	44,563	44,751	44,898	44,950	45,285	45,392	45,657
16 to 24 years	9,469	9,368	9,522	9,609	9,604	9,583	9,516	9,549	9,607	9,700	9,763	9,651	9,692
16 to 19 years	3,016	2,963	3,052	3,031	3,117	3,047	2,993	3,013	3,055	3,152	3,147	3,078	3,139
16 to 17 years	1,117	1,092	1,096	1,083	1,125	1,103	1,092	1,109	1,131	1,099	1,119	1,120	1,159
18 to 19 years	1,898	1,877	1,957	1,951	1,959	1,942	1,910	1,909	1,941	2,064	2,033	1,956	1,981
20 to 24 years	6,453	6,405	6,470	6,578	6,487	6,536	6,523	6,536	6,552	6,548	6,617	6,573	6,553
25 years and over	34,065	34,153	34,360	34,590	34,852	35,002	35,058	35,195	35,285	35,234	35,549	35,716	35,931
25 to 54 years	28,363	28,412	28,632	28,844	29,103	29,150	29,203	29,363	29,422	29,485	29,694	29,861	30,085
55 years and over	5,717	5,758	5,718	5,743	5,763	5,869	5,865	5,823	5,877	5,744	5,820	5,839	5,887

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

(In thousands)

Sex and age	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total, 16 years and over	11,369	11,188	11,162	10,600	10,633	10,353	9,896	9,429	9,195	9,026	8,801	8,772	8,843
16 to 24 years	4,381	4,330	4,322	4,096	4,197	3,994	3,899	3,692	3,564	3,537	3,410	3,467	3,522
16 to 19 years	1,907	1,857	1,973	1,859	1,885	1,776	1,721	1,618	1,622	1,543	1,553	1,608	1,562
16 to 17 years	798	788	798	767	767	731	712	653	700	649	663	712	683
18 to 19 years	1,106	1,066	1,176	1,071	1,107	1,046	1,020	972	947	878	881	904	876
20 to 24 years	2,474	2,473	2,349	2,237	2,312	2,218	2,178	2,074	1,942	1,994	1,857	1,859	1,960
25 years and over	6,956	6,898	6,871	6,486	6,424	6,370	6,002	5,728	5,659	5,474	5,405	5,279	5,301
25 to 54 years	6,106	6,106	5,990	5,707	5,668	5,810	5,259	5,007	4,938	4,789	4,742	4,647	4,663
55 years and over	825	798	825	798	765	785	753	741	742	700	636	643	621
Men, 16 years and over	6,722	6,604	6,409	6,248	6,200	6,049	5,759	5,457	5,258	5,149	4,946	4,867	4,919
16 to 24 years	2,501	2,505	2,448	2,397	2,408	2,271	2,209	2,042	1,998	1,971	1,857	1,869	1,925
16 to 19 years	1,040	1,021	1,057	1,031	1,050	984	950	861	866	849	818	847	824
16 to 17 years	432	435	429	451	423	383	374	344	372	336	337	376	378
18 to 19 years	610	591	635	568	619	605	579	524	501	501	469	472	448
20 to 24 years	1,461	1,484	1,391	1,366	1,358	1,287	1,259	1,181	1,132	1,122	1,039	1,022	1,101
25 years and over	4,213	4,124	3,962	3,826	3,791	3,794	3,552	3,417	3,283	3,154	3,089	2,988	2,996
25 to 54 years	3,646	3,602	3,465	3,337	3,311	3,315	3,074	2,935	2,799	2,743	2,686	2,569	2,604
55 years and over	549	516	492	489	482	507	482	490	481	431	396	408	382
Women, 16 years and over	4,647	4,584	4,753	4,352	4,433	4,304	4,137	3,972	3,937	3,876	3,855	3,905	3,924
16 to 24 years	1,880	1,825	1,874	1,699	1,789	1,723	1,690	1,650	1,566	1,566	1,552	1,598	1,597
16 to 19 years	867	836	916	828	835	792	771	757	756	694	735	761	736
16 to 17 years	368	353	369	316	344	348	336	309	328	313	326	336	305
18 to 19 years	496	475	541	503	488	441	441	446	446	377	412	432	428
20 to 24 years	1,013	989	958	871	954	931	919	893	810	872	817	837	859
25 years and over	2,743	2,774	2,909	2,680	2,633	2,576	2,450	2,311	2,376	2,320	2,316	2,291	2,305
25 to 54 years	2,460	2,504	2,525	2,370	2,357	2,295	2,165	2,072	2,139	2,046	2,057	2,078	2,059
55 years and over	276	282	333	309	283	278	271	251	261	269	240	235	239

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

(Civilian workers)

Sex and age	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total, 16 years and over	10.2	10.1	10.0	9.5	9.5	9.2	8.8	8.4	8.2	8.0	7.8	7.8	7.8
16 to 24 years	18.1	18.0	17.8	16.8	17.2	16.5	16.3	15.4	14.9	14.8	14.2	14.4	14.8
16 to 19 years	23.4	23.0	23.6	22.7	22.8	21.8	21.8	20.2	20.1	19.4	19.3	19.9	19.4
16 to 17 years	25.8	25.6	25.6	25.1	24.8	24.0	24.0	21.9	22.9	21.9	22.1	23.1	22.3
18 to 19 years	21.9	21.3	22.3	20.8	21.6	20.5	20.3	19.3	18.8	17.6	17.5	18.1	17.5
20 to 24 years	15.4	15.5	14.5	13.9	14.4	13.8	13.8	13.0	12.2	12.5	11.6	11.6	12.2
25 years and over	8.0	7.9	7.9	7.4	7.3	7.2	6.8	6.5	6.4	6.2	6.1	5.9	6.0
25 to 54 years	8.5	8.5	8.3	7.9	7.8	7.7	7.2	6.9	6.8	6.5	6.4	6.3	6.3
55 years and over	5.5	5.3	5.5	5.3	5.1	5.2	5.0	4.9	4.9	4.7	4.3	4.3	4.2
Men, 16 years and over	10.7	10.5	10.1	9.9	9.8	9.6	9.1	8.6	8.3	8.1	7.8	7.7	7.7
16 to 24 years	19.5	19.5	18.6	18.4	18.8	17.8	17.3	15.9	15.8	15.6	14.8	14.6	15.0
16 to 19 years	24.4	23.9	24.0	23.8	24.3	22.8	22.5	20.2	20.4	20.8	19.7	20.0	19.7
16 to 17 years	26.9	26.7	28.0	27.3	26.0	23.9	24.3	22.0	23.3	21.6	21.6	23.0	23.7
18 to 19 years	22.9	22.3	22.8	21.2	23.2	22.2	21.6	19.6	18.9	19.6	18.1	18.2	17.3
20 to 24 years	17.0	17.3	15.9	15.8	15.7	15.0	14.7	13.8	13.3	13.1	12.1	11.9	12.7
25 years and over	8.4	8.2	7.9	7.8	7.5	7.5	7.0	6.8	6.5	6.2	6.1	5.9	5.9
25 to 54 years	8.9	8.8	8.4	8.1	8.0	8.0	7.4	7.1	6.7	6.6	6.4	6.1	6.2
55 years and over	6.1	5.8	5.5	5.5	5.4	5.6	5.4	5.4	5.4	4.8	4.5	4.6	4.4
Women, 16 years and over	9.6	9.5	9.8	9.0	9.1	8.8	8.5	8.2	8.1	7.9	7.8	7.9	7.9
16 to 24 years	16.6	16.3	16.4	15.0	15.7	15.2	15.1	14.7	14.0	13.9	13.7	14.2	14.1
16 to 19 years	22.3	22.0	23.1	21.5	21.1	20.6	20.5	20.1	19.8	18.0	18.9	19.8	19.0
16 to 17 years	24.7	24.4	25.2	22.6	23.4	24.0	23.6	21.8	22.5	22.2	22.6	23.1	20.8
18 to 19 years	20.7	20.2	21.7	20.5	19.9	18.5	18.8	19.0	18.7	15.4	16.9	18.1	17.8
20 to 24 years	13.6	13.4	12.9	11.7	12.8	12.5	12.3	12.0	11.0	11.7	11.0	11.3	11.6
25 years and over	7.5	7.5	7.8	7.1	7.0	6.9	6.5	6.2	6.3	6.2	6.1	6.0	6.0
25 to 54 years	8.0	8.1	8.1	7.6	7.5	7.3	7.0	6.6	6.8	6.5	6.5	6.5	6.4
55 years and over	4.6	4.7	5.5	5.1	4.7	4.5	4.4	4.1	4.3	4.5	4.0	3.9	3.9

A-39. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
CHARACTERISTIC													
Total (all civilian workers)	10.2	10.1	10.0	9.5	9.5	9.2	8.8	8.4	8.2	8.0	7.8	7.8	7.8
Men, 20 years and over	9.7	9.5	9.1	8.8	8.7	8.8	8.2	7.8	7.4	7.3	7.0	6.8	6.9
Women, 20 years and over	8.5	8.5	8.6	7.9	8.0	7.8	7.5	7.2	7.1	7.1	6.9	6.9	7.0
Both sexes, 16 to 19 years	23.4	23.0	23.8	22.7	22.8	21.8	21.6	20.2	20.1	19.4	19.3	19.9	19.4
White	8.9	8.8	8.6	8.2	8.2	8.0	7.7	7.3	7.1	6.9	6.7	6.7	6.7
Black and other	18.7	18.5	18.8	17.9	17.9	17.3	16.7	16.1	16.3	15.6	14.9	15.1	15.1
Black	20.7	20.3	20.3	19.6	19.8	18.9	18.3	17.7	17.8	16.7	16.2	16.6	16.8
Hispanic origin	14.6	13.9	14.0	12.3	12.9	13.1	12.4	12.3	11.6	11.2	10.2	11.3	11.5
Married men, spouse present	7.1	7.0	6.7	6.2	6.3	6.1	5.7	5.5	5.2	5.0	4.9	4.7	4.7
Married women, spouse present	7.4	7.4	7.6	7.0	6.9	6.8	6.3	6.0	6.1	6.0	5.9	5.8	5.8
Women who maintain families	13.0	12.7	12.5	11.8	11.8	12.0	11.4	10.5	10.9	10.7	11.0	11.0	10.5
Full-time workers	10.2	10.0	9.7	9.4	9.3	9.1	8.7	8.2	8.0	7.8	7.5	7.5	7.6
Part-time workers	10.5	10.9	11.8	10.2	10.2	10.1	10.0	9.8	9.8	9.2	9.3	9.2	9.1
Unemployed 15 weeks and over ¹	4.0	4.1	4.0	3.9	3.6	3.5	3.3	3.1	3.0	2.9	2.6	2.5	2.5
Labor force time lost ²	11.5	11.5	11.1	10.7	10.7	10.5	10.0	9.7	9.4	9.2	8.9	8.8	8.9
INDUSTRY													
Nonagricultural private wage and salary workers	10.5	10.4	10.1	9.7	9.8	9.4	9.0	8.6	8.3	7.9	7.8	7.6	7.7
Mining	20.3	20.8	17.9	16.6	14.9	16.9	12.1	12.8	12.4	10.9	12.2	11.2	10.3
Construction	20.0	20.0	18.4	18.0	17.9	18.1	15.8	15.6	16.3	15.0	15.1	13.3	14.3
Manufacturing	12.5	12.3	11.6	10.7	11.2	10.2	9.6	8.9	8.3	8.4	7.5	7.5	7.7
Durable goods	13.7	13.5	12.5	11.4	11.7	10.9	10.2	9.0	8.3	8.0	7.3	7.8	7.5
Nondurable goods	10.8	10.8	10.2	9.7	10.5	9.3	8.7	8.7	8.2	8.9	7.8	7.2	8.0
Transportation and public utilities	7.7	7.3	7.8	7.3	7.7	7.4	7.2	8.7	6.5	5.1	5.9	5.0	5.4
Wholesale and retail trade	10.4	10.2	10.2	9.8	9.8	9.5	9.8	9.1	8.8	8.4	8.3	8.3	8.7
Finance and service industries	7.3	7.5	7.2	7.3	7.2	7.0	6.9	6.7	6.6	6.3	6.3	6.4	6.1
Agricultural wage and salary workers	16.8	16.8	16.5	15.0	15.1	16.5	16.2	15.7	15.6	15.5	14.0	14.6	12.2

¹ Unemployment as a percent of the civilian labor force.

² Aggregate hours lost by the unemployed and persons on part time

for economic reasons as a percent of potentially available labor force hours.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Weeks of unemployment	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
DURATION													
Less than 5 weeks	3,595	3,568	3,630	3,529	3,633	3,740	3,504	3,328	3,382	3,233	3,359	3,386	3,438
5 to 14 weeks	3,139	3,012	2,950	2,841	2,951	2,784	2,725	2,616	2,504	2,556	2,484	2,539	2,493
15 weeks and over	4,396	4,510	4,486	4,398	4,078	3,869	3,655	3,527	3,369	3,201	2,984	2,873	2,855
15 to 26 weeks	1,891	1,774	1,593	1,794	1,597	1,383	1,372	1,337	1,284	1,166	1,173	1,114	1,111
27 weeks and over	2,705	2,736	2,893	2,604	2,481	2,506	2,283	2,190	2,085	2,035	1,810	1,759	1,744
Average (mean) duration, in weeks	19.2	20.2	21.4	21.3	19.9	20.2	20.1	20.2	19.8	20.5	18.8	18.8	18.5
Median duration, in weeks	10.8	11.9	10.8	10.1	9.4	9.4	9.5	9.4	9.0	9.2	8.3	8.3	8.1
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	32.3	32.2	32.8	32.6	34.1	35.9	35.5	35.1	36.5	36.0	38.1	38.5	39.1
5 to 14 weeks	28.2	27.2	26.7	26.4	27.7	26.7	27.6	27.8	27.1	28.4	28.1	28.9	28.4
15 weeks and over	39.5	40.7	40.5	40.8	38.2	37.3	37.0	37.2	36.4	35.6	33.8	32.7	32.5
15 to 26 weeks	15.2	16.0	14.4	16.7	15.0	13.3	13.9	14.1	13.9	13.0	13.3	12.7	12.6
27 weeks and over	24.3	24.7	26.1	24.2	23.3	24.1	23.1	23.1	22.5	22.6	20.5	20.0	19.8

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

(Numbers in thousands)

Reasons for unemployment	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
NUMBER OF UNEMPLOYED													
Job losers	6,767	6,753	6,525	6,235	6,133	5,938	5,601	5,226	5,017	4,825	4,737	4,814	4,527
On layoff	1,979	1,958	1,841	1,735	1,660	1,562	1,392	1,321	1,283	1,236	1,272	1,254	1,108
Other job losers	4,788	4,795	4,684	4,500	4,473	4,376	4,209	3,905	3,734	3,588	3,465	3,360	3,419
Job leavers	816	808	799	752	799	858	866	866	855	809	772	756	781
Reentrants	2,491	2,404	2,436	2,415	2,479	2,362	2,322	2,250	2,246	2,192	2,153	2,208	2,308
New entrants	1,251	1,246	1,412	1,229	1,214	1,234	1,127	1,154	1,150	1,175	1,092	1,213	1,216
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	59.8	60.2	58.4	58.6	57.7	57.1	56.5	55.0	54.1	53.6	54.1	52.5	51.3
On layoff	17.5	17.5	16.5	16.3	15.6	15.0	14.0	13.9	13.8	13.7	14.5	14.3	12.5
Other job losers	42.3	42.8	41.9	42.3	42.1	42.1	42.4	41.1	40.3	39.9	39.6	38.2	38.7
Job leavers	7.2	7.2	7.2	7.1	7.5	8.3	8.7	9.1	9.2	9.0	8.8	8.6	8.8
Reentrants	22.0	21.4	21.8	22.7	23.3	22.7	23.4	23.7	24.2	24.4	24.6	25.1	26.1
New entrants	11.0	11.1	12.6	11.6	11.4	11.9	11.4	12.1	12.4	13.1	12.5	13.8	13.8
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	6.1	6.1	5.8	5.6	5.5	5.3	5.0	4.7	4.5	4.3	4.2	4.1	4.0
Job leavers .....	.7	.7	.7	.7	.7	.8	.8	.8	.8	.7	.7	.7	.7
Reentrants	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	2.0	2.0
New entrants	1.1	1.1	1.3	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1

ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

B-1. Employees on nonagricultural payrolls by industry division, 1933 to date

(In thousands)

Year and month	Goods-producing					Service-producing									
	Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government			
							Total	Wholesale trade	Retail trade			Total	Federal	State and local	
Annual averages															
1933.....	23,699	8,965	744	824	7,337	14,734	2,672	4,755	-	-	1,280	2,861	3,166	565	2,601
1934.....	25,940	10,261	883	877	8,501	15,679	2,750	5,281	-	-	1,304	3,045	3,299	652	2,947
1935.....	27,039	10,893	897	927	9,069	16,146	2,786	5,431	-	-	1,320	3,128	3,481	753	2,728
1936.....	29,068	11,333	946	1,160	9,327	17,135	2,973	5,809	-	-	1,373	3,312	3,668	826	2,842
1937.....	31,011	12,936	1,015	1,127	10,734	18,075	3,134	6,265	-	-	1,417	3,503	3,756	833	2,923
1938.....	29,194	11,401	691	1,070	9,400	17,793	2,863	6,179	-	-	1,410	3,458	3,883	829	2,922
1939.....	30,603	12,297	854	1,165	10,273	18,306	2,936	6,426	1,762	4,654	1,447	3,502	3,955	905	2,990
1940.....	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	2,906
1941.....	36,533	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320
1942.....	40,106	18,470	992	2,198	15,280	21,636	3,450	7,119	1,906	5,212	1,509	4,066	5,483	2,213	3,270
1943.....	42,434	20,114	925	1,537	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175
1944.....	41,864	19,328	892	1,108	17,328	22,516	3,829	7,059	1,845	5,214	1,461	4,145	6,043	2,928	3,116
1945.....	40,374	17,507	836	1,147	15,524	22,857	3,905	7,314	1,949	5,365	1,481	4,222	5,944	2,808	2,917
1946.....	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,575	4,697	5,595	2,254	2,941
1947.....	43,857	18,509	955	2,009	15,585	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,522
1948.....	44,866	18,774	994	2,198	15,582	26,392	4,189	9,272	2,605	6,567	1,800	5,181	5,650	1,863	3,787
1949.....	43,754	17,565	930	2,194	14,441	26,199	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,944
1950.....	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098
1951.....	47,819	19,959	929	2,637	16,393	27,860	4,225	9,742	2,727	7,015	1,955	5,447	6,389	2,302	4,087
1952.....	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,603	2,420	4,189
1953.....	50,202	21,074	866	2,659	17,543	29,128	4,290	10,247	2,854	7,393	2,111	5,935	6,645	2,305	4,240
1954.....	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563
1955.....	50,641	20,513	792	2,839	16,882	30,124	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727
1956.....	52,369	21,104	822	3,039	17,243	31,266	4,244	10,658	3,018	7,840	2,389	6,497	7,278	2,209	5,069
1957.....	52,853	20,964	828	2,962	17,174	31,899	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,393
1958.....	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,939	2,191	5,648
1959.....	53,268	20,411	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,860
1960.....	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083
1961.....	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,689	7,620	8,594	2,279	6,215
1962.....	55,549	20,451	650	2,948	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550
1963.....	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868
1964.....	58,283	21,005	634	3,097	17,274	37,278	3,951	12,160	3,337	8,823	2,911	8,660	9,596	2,348	7,248
1965.....	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,465	9,250	2,977	9,336	10,074	2,373	7,596
1966.....	63,901	23,158	627	3,317	19,214	40,743	4,153	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,270
1967.....	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,699	9,917	3,185	10,045	11,391	2,719	8,672
1968.....	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102
1969.....	70,384	24,361	619	3,575	20,167	46,203	4,442	14,705	3,907	10,798	3,512	11,159	12,195	2,758	9,437
1970.....	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,723
1971.....	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,694	10,185
1972.....	73,675	23,668	628	3,889	13,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,680	10,640
1973.....	76,790	24,893	642	4,097	20,154	51,897	4,556	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068
1974.....	78,265	24,794	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446
1975.....	76,945	22,600	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,992	14,696	2,748	11,977
1976.....	79,382	23,352	779	3,576	18,997	56,030	4,582	17,555	4,546	13,209	4,271	14,551	14,871	2,733	12,136
1977.....	82,471	24,346	813	3,851	19,682	58,125	4,713	18,716	4,708	13,808	4,467	15,303	15,127	2,727	12,366
1978.....	86,697	25,585	851	4,229	20,505	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,916
1979.....	89,823	26,461	958	4,463	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,773	13,174
1980.....	90,406	25,658	1,027	4,346	20,285	64,749	5,146	20,310	5,275	15,035	5,160	17,890	16,241	2,866	13,275
1981.....	91,156	25,457	1,139	4,168	20,170	65,659	5,165	20,547	5,358	15,189	5,298	18,619	16,031	2,772	13,259
1982.....	89,596	23,907	1,143	3,911	18,653	65,689	5,081	20,401	5,280	15,122	5,340	19,064	15,803	2,739	13,064
1983.....	89,978	23,646	1,021	3,947	18,678	66,332	4,941	20,513	5,232	15,281	5,454	19,680	15,744	2,752	12,992
Monthly data, seasonally adjusted															
1983:															
April.....	89,090	23,159	997	3,786	18,376	65,931	4,988	20,329	5,180	15,149	5,423	19,478	15,713	2,738	12,975
May.....	89,421	23,347	994	3,860	18,493	66,074	4,993	20,356	5,197	15,159	5,435	19,546	15,744	2,756	12,988
June.....	89,844	23,518	1,003	3,933	18,582	66,326	4,992	20,494	5,222	15,272	5,451	19,668	15,721	2,742	12,979
July.....	90,152	23,724	1,017	3,974	18,733	66,428	4,984	20,529	5,229	15,300	5,465	19,770	15,680	2,738	12,942
August.....	89,748	23,830	1,023	4,014	18,793	65,918	4,941	20,580	5,249	15,331	5,488	19,835	15,674	2,746	12,928
September.....	90,851	23,935	1,026	4,038	18,871	66,916	5,031	20,612	5,274	15,338	5,499	19,913	15,861	2,778	13,083
October.....	91,084	24,168	1,044	4,060	19,064	66,916	5,019	20,666	5,287	15,379	5,503	19,956	15,772	2,761	13,011
November.....	91,355	24,311	1,045	4,094	19,172	67,044	5,019	20,718	5,291	15,427	5,515	20,016	15,776	2,763	13,013
December.....	91,599	24,415	1,047	4,088	19,280	67,184	5,015	20,781	5,313	15,468	5,525	20,093	15,770	2,768	13,002
1984:															
January.....	91,930	24,617	1,051	4,177	19,389	67,313	5,057	20,860	5,343	15,517	5,553	20,101	15,742	2,762	12,980
February.....	92,357	24,784	1,052	4,233	19,499	67,573	5,063	20,918	5,363	15,555	5,570	20,249	15,773	2,760	13,013
March.....	92,506	24,783	1,053	4,170	19,560	67,723	5,073	20,975	5,382	15,593	5,580	20,339	15,756	2,761	12,995

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2. Employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
	TOTAL	88,172	89,005	91,140	91,803	92,808	-	-	-	-	-
	PRIVATE SECTOR	72,121	72,984	75,121	75,720	76,742	57,989	58,800	60,548	61,074	61,904
-	MINING	996	991	1,039	1,044	1,055	699	694	738	742	751
10	METAL MINING	60.8	61.1	62.9	63.2	-	44.2	44.5	46.1	46.2	-
101	Iron ores	8.5	8.3	8.7	9.0	-	5.6	5.5	6.2	6.5	-
102	Copper ores	19.7	19.9	19.2	18.8	-	14.4	14.5	13.5	13.0	-
11, 12	COAL MINING	204.5	203.0	213.9	216.8	-	163.8	162.3	172.4	175.5	-
12	BITUMINOUS COAL AND LIGNITE MINING	201.8	200.3	211.4	214.3	-	161.4	160.0	170.2	173.3	-
13	OIL AND GAS EXTRACTION	628.8	617.9	657.0	653.6	-	415.5	405.2	441.0	436.9	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	279.6	278.6	277.0	277.4	-	129.4	129.2	126.7	126.6	-
138	Oil and gas field services	349.2	339.3	380.0	376.2	-	286.1	276.0	314.3	310.3	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	101.6	108.5	105.6	109.9	-	75.9	82.1	78.1	82.9	-
142	Crushed and broken stone	33.9	37.6	34.3	36.9	-	26.0	29.5	26.0	28.6	-
144	Sand and gravel	29.2	31.8	32.2	33.3	-	-	-	-	-	-
147	Chemical and fertilizer minerals	20.5	20.3	20.8	20.8	-	-	-	-	-	-
-	CONSTRUCTION	3,453	3,650	3,772	3,828	4,091	2,566	2,753	2,855	2,900	3,142
15	GENERAL BUILDING CONTRACTORS	891.4	926.9	1,006.9	1,029.0	-	636.4	668.3	730.1	749.0	-
152	Residential building construction	406.6	429.2	472.5	486.1	-	277.6	297.5	328.7	340.4	-
153	Operative builders	48.5	52.0	60.2	62.3	-	24.9	27.9	32.7	34.5	-
154	Nonresidential building construction	436.3	445.7	474.2	480.6	-	333.9	342.9	368.7	374.1	-
16	HEAVY CONSTRUCTION CONTRACTORS	702.1	756.2	690.5	714.8	-	537.8	591.9	545.0	566.4	-
161	Highway and street construction	157.8	190.8	165.1	180.2	-	122.3	154.3	129.6	143.0	-
162	Heavy construction, except highway	544.3	565.4	525.4	534.6	-	415.5	437.6	415.4	423.4	-
17	SPECIAL TRADE CONTRACTORS	1,859.9	1,966.9	2,074.6	2,083.9	-	1,391.3	1,492.3	1,579.7	1,588.6	-
171	Plumbing, heating, air conditioning	464.3	468.7	502.8	500.9	-	329.5	333.7	365.4	363.8	-
172	Painting, paper hanging, decorating	103.9	112.1	117.5	117.8	-	82.6	90.7	95.1	95.5	-
173	Electrical work	376.4	375.3	401.9	404.4	-	280.1	279.6	302.1	304.7	-
174	Masonry, stonework, and plastering	274.7	291.0	316.4	314.0	-	227.7	241.8	264.2	262.7	-
175	Carpentering and flooring	100.0	107.1	117.8	119.6	-	73.4	79.7	86.9	88.8	-
176	Roofing and sheet metal work	129.8	142.9	149.4	143.0	-	98.6	111.2	116.5	110.1	-
-	MANUFACTURING	18,166	18,295	19,312	19,457	19,579	12,241	12,369	13,241	13,366	13,480
24, 25, 32-39	DURABLE GOODS	10,590	10,687	11,473	11,591	11,680	6,944	7,038	7,716	7,819	7,899
20-23, 26-31	NONDURABLE GOODS	7,576	7,608	7,839	7,866	7,899	5,297	5,331	5,525	5,547	5,581
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	620.5	640.3	694.1	705.5	718.7	511.8	530.5	580.1	591.2	601.1
241	Logging camps and logging contractors	72.4	74.6	78.3	75.3	-	55.3	57.2	61.0	58.1	-
242	Sawmills and planing mills	186.2	191.6	210.2	213.9	-	163.8	169.1	186.5	189.7	-
2421	Sawmills and planing mills, general	155.7	160.6	174.3	177.7	-	137.3	142.2	154.9	158.0	-
2426	Hardwood dimension and flooring	26.6	26.8	30.9	31.0	-	23.0	23.2	27.2	27.2	-
243	Millwork, plywood, and structural members	188.5	193.4	216.3	221.5	-	154.2	159.3	180.0	185.2	-
2431	Millwork	72.6	75.2	83.1	86.1	-	57.8	60.4	67.1	69.9	-
2434	Wood kitchen cabinets	42.2	43.7	53.1	54.1	-	33.0	34.4	42.8	43.9	-
2435	Hardwood veneer and plywood	21.9	21.8	24.5	24.6	-	19.0	19.0	21.6	21.8	-
2436	Softwood veneer and plywood	37.5	38.0	38.2	38.5	-	33.4	34.0	34.6	35.0	-
244	Wood containers	37.5	38.6	41.3	42.5	-	31.3	32.5	35.0	36.3	-
245	Wood buildings and mobile homes	63.7	68.6	71.5	74.1	-	47.5	51.5	53.9	56.7	-
2451	Mobile homes	46.1	49.8	52.0	53.7	-	36.0	39.0	41.1	43.0	-
249	Miscellaneous wood products	72.2	73.5	76.5	78.2	-	59.7	60.9	63.7	65.2	-
25	FURNITURE AND FIXTURES	431.3	440.1	482.7	484.0	485.2	340.4	348.3	386.4	387.9	390.0
251	Household furniture	271.0	276.5	294.9	295.7	-	223.1	228.5	246.7	247.8	-
2511	Wood household furniture	120.2	122.9	129.1	129.2	-	103.2	105.9	112.3	112.1	-
2512	Upholstered household furniture	85.2	87.1	93.9	94.1	-	68.1	70.0	76.6	77.0	-
2514	Metal household furniture	29.4	29.5	33.1	33.4	-	24.0	24.1	27.2	27.6	-
2515	Mattresses and bedspreads	27.8	28.3	29.0	29.3	-	20.9	21.3	22.2	22.8	-
252	Office furniture	53.5	53.8	64.0	64.1	-	40.7	41.0	49.8	49.7	-
253	Public building and related furniture	20.5	20.7	22.5	22.7	-	15.0	15.2	16.8	17.0	-
254	Partitions and fixtures	54.9	57.2	64.7	65.1	-	40.3	42.1	47.8	48.4	-
259	Miscellaneous furniture and fixtures	31.4	31.9	36.6	36.4	-	21.3	21.5	25.3	25.0	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
32	STONE, CLAY, AND GLASS PRODUCTS	541.9	559.9	574.6	584.6	597.1	408.2	424.0	437.6	446.4	457.4
321	Flat glass	16.9	16.4	17.4	17.1	-	13.3	12.9	13.8	13.6	-
322	Glass and glassware, pressed or blown	102.6	102.6	100.4	103.3	-	85.7	85.8	84.7	84.7	-
3221	Glass containers	57.4	56.9	51.6	51.9	-	50.3	49.7	45.1	45.4	-
3229	Pressed and blown glass, nec	45.2	45.7	48.8	49.4	-	35.4	36.1	39.6	39.3	-
323	Products of purchased glass	41.0	41.8	45.1	45.4	-	27.4	27.9	31.0	31.3	-
324	Cement, hydraulic	24.6	25.4	25.6	26.0	-	19.1	19.8	20.0	20.4	-
325	Structural clay products	33.2	35.0	37.5	38.5	-	24.6	26.1	28.6	29.5	-
326	Pottery and related products	36.5	38.2	39.1	39.5	-	28.8	30.2	31.0	31.4	-
327	Concrete, gypsum, and plaster products	166.7	178.6	180.7	187.5	-	124.0	134.9	136.3	142.1	-
3271	Concrete block and brick	16.8	17.6	18.1	18.6	-	11.1	11.9	12.2	12.5	-
3272	Concrete products, nec	54.7	57.1	60.6	62.7	-	39.5	41.6	44.4	46.0	-
3273	Ready-mixed concrete	77.9	86.4	83.3	87.2	-	59.7	67.5	64.9	68.6	-
329	Misc. nonmetallic mineral products	110.3	111.7	118.8	120.0	-	77.3	78.4	84.3	85.2	-
3291	Abrasive products	21.3	21.6	23.5	23.6	-	13.6	13.8	15.7	15.8	-
3292	Asbestos products	12.6	12.8	13.4	13.4	-	9.2	9.4	10.2	10.2	-
3296	Mineral wool	25.4	25.4	26.8	26.8	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	820.8	828.5	875.2	882.2	890.9	606.8	615.0	565.2	672.9	680.9
331	Blast furnace and basic steel products	332.6	336.2	338.6	340.1	-	247.8	251.4	260.0	262.4	-
3312	Blast furnaces and steel mills	273.6	276.5	274.3	275.1	-	205.1	208.3	212.2	213.9	-
3317	Steel pipe and tubes	21.9	22.2	22.9	23.0	-	15.4	15.6	16.5	16.7	-
332	Iron and steel foundries	137.5	139.3	156.3	158.7	-	103.8	105.6	122.9	125.3	-
3321	Gray iron foundries	88.2	89.8	101.9	102.9	-	69.1	70.6	82.6	83.8	-
3322	Malleable iron foundries	10.6	10.3	12.1	12.4	-	7.7	7.4	8.9	9.2	-
3325	Steel foundries, nec	29.0	29.6	32.3	33.1	-	20.5	21.1	24.1	24.8	-
333	Primary nonferrous metals	48.2	48.7	53.1	54.0	-	34.5	35.0	39.2	39.8	-
3334	Primary aluminum	24.5	24.7	29.2	30.0	-	18.0	18.4	22.7	23.4	-
335	Nonferrous rolling and drawing	181.6	182.3	188.1	188.7	-	127.5	128.5	133.7	134.4	-
3351	Copper rolling and drawing	26.0	26.0	26.7	27.1	-	18.7	18.9	20.1	20.5	-
3353	Aluminum sheet, plate, and foil	29.6	30.0	30.9	30.9	-	23.0	23.3	23.8	24.0	-
3357	Nonferrous wire drawing and insulating	76.3	76.1	78.1	78.3	-	53.6	53.4	55.4	55.5	-
336	Nonferrous foundries	80.6	81.7	93.6	94.7	-	64.0	65.2	75.2	76.3	-
3361	Aluminum foundries	47.8	48.6	56.9	57.5	-	39.0	39.8	46.7	47.3	-
34	FABRICATED METAL PRODUCTS	1,359.7	1,367.3	1,456.2	1,467.9	1,472.4	979.4	986.7	1,066.8	1,077.9	1,085.0
341	Metal cans and shipping containers	62.7	62.7	62.0	62.4	-	53.1	52.9	52.3	52.8	-
3411	Metal cans	50.7	50.6	49.6	49.9	-	43.8	43.6	42.7	43.1	-
342	Cutlery, hand tools, and hardware	136.0	136.6	147.2	148.4	-	99.3	100.3	110.1	111.1	-
3423.5	Hand and edge tools, and hand saws and blades	44.7	43.8	46.2	47.1	-	32.5	31.9	34.1	34.8	-
3429	Hardware, nec	78.9	80.2	88.3	88.7	-	58.4	59.8	67.5	67.8	-
343	Plumbing and heating, except electric	60.1	61.2	65.1	65.2	-	42.2	43.4	45.9	45.3	-
3432	Plumbing fittings and brass goods	23.1	23.3	25.9	26.1	-	18.0	18.0	19.6	19.8	-
3433	Heating equipment, except electric	27.6	28.4	29.0	29.0	-	17.7	18.6	18.8	18.9	-
344	Fabricated structural metal products	417.8	419.4	439.7	442.7	-	277.0	278.6	295.2	299.0	-
3441	Fabricated structural metal	77.5	76.6	77.1	77.4	-	53.1	52.5	53.2	53.1	-
3442	Metal doors, sash, and trim	75.5	77.2	85.7	86.7	-	54.0	55.6	61.6	63.0	-
3443	Fabricated plate work (boiler shops)	112.6	111.2	109.9	109.1	-	65.1	64.2	62.9	62.6	-
3444	Sheet metal work	96.2	97.1	106.5	108.2	-	68.1	68.6	77.3	73.8	-
3446	Architectural metal work	27.3	27.5	27.9	27.8	-	18.7	18.8	19.7	19.6	-
345	Screw machine products, bolts, etc.	84.1	85.3	94.5	95.4	-	62.3	63.1	72.1	72.9	-
3451	Screw machine products	39.1	39.9	46.5	47.0	-	30.4	31.0	37.4	37.9	-
3452	Bolts, nuts, rivets, and washers	45.0	45.4	48.0	48.4	-	31.9	32.1	34.7	35.0	-
346	Metal forgings and stampings	225.6	226.3	252.5	255.1	-	177.4	178.3	202.7	204.8	-
3462	Iron and steel forgings	32.4	32.5	34.9	35.5	-	23.8	24.0	26.9	27.3	-
3465	Automotive stampings	85.5	85.8	98.9	99.6	-	72.5	72.6	84.6	85.2	-
3469	Metal stampings, nec	97.0	98.1	107.7	109.0	-	73.2	74.2	82.9	84.0	-
347	Metal services, nec	90.9	92.1	97.0	98.2	-	71.7	72.8	77.9	79.1	-
3471	Plating and polishing	64.5	65.3	69.3	70.2	-	52.1	52.8	56.7	57.6	-
3479	Metal coating and allied services	26.4	26.8	27.7	28.0	-	19.6	20.0	21.2	21.5	-
348	Ordnance and accessories, nec	65.0	65.4	66.5	67.2	-	42.2	42.3	42.6	43.6	-
3483	Ammunition, exc. for small arms, nec	28.2	28.6	29.8	30.3	-	18.7	18.9	18.9	19.7	-
349	Misc. fabricated metal products	217.5	218.3	231.7	233.3	-	154.2	155.0	168.0	169.3	-
3494	Valves and pipe fittings	84.2	84.1	84.5	85.3	-	54.5	54.6	56.3	57.1	-
3496	Misc. fabricated wire products	49.3	49.8	56.3	56.5	-	36.8	37.3	43.0	43.1	-
35	MACHINERY, EXCEPT ELECTRICAL	2,044.3	2,043.6	2,207.6	2,231.9	2,250.1	1,184.1	1,185.3	1,330.6	1,353.0	1,367.6
351	Engines and turbines	100.0	99.0	106.8	107.4	-	58.3	57.2	66.3	65.9	-
3511	Turbines and turbine generator sets	39.1	38.7	35.7	35.7	-	21.0	20.7	17.6	17.7	-
3519	Internal combustion engines, nec	60.9	60.3	71.1	71.7	-	37.3	36.5	48.7	49.2	-
352	Farm and garden machinery	130.1	129.4	138.7	140.5	-	83.3	83.7	92.1	94.0	-
3523	Farm machinery and equipment	110.5	111.1	116.8	118.8	-	69.2	70.6	76.2	78.3	-
353	Construction and related machinery	253.6	252.7	279.5	285.2	-	135.1	133.8	167.6	172.7	-
3531	Construction machinery	73.6	74.5	95.3	96.3	-	29.9	29.5	55.5	55.7	-

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

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

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
MACHINERY, EXCEPT ELECTRICAL—Continued											
3532	Mining machinery	23.4	23.3	23.8	24.9	-	13.1	13.2	13.9	14.8	-
3533	Oil field machinery	82.6	80.4	79.2	81.6	-	50.8	49.3	50.2	52.0	-
3535	Conveyers and conveying equipment	27.0	26.9	29.1	29.6	-	13.7	13.7	15.0	15.4	-
3537	Industrial trucks and tractors	25.1	25.5	28.7	29.1	-	14.3	14.6	18.6	19.2	-
354	Metalworking machinery	275.4	275.3	302.5	304.9	-	189.4	189.1	215.3	216.7	-
3541	Machine tools, metal cutting types	49.4	48.9	51.3	51.7	-	28.0	27.5	30.5	31.1	-
3542	Machine tools, metal forming types	16.3	16.3	17.6	18.0	-	9.3	9.3	10.7	10.9	-
3544	Special dies, tools, jigs, and fixtures	118.4	118.6	132.6	133.3	-	91.2	91.3	104.1	104.3	-
3545	Machine tool accessories	50.6	50.9	57.6	58.3	-	33.5	33.8	40.2	40.6	-
3546	Power driven hand tools	22.8	22.9	25.0	25.3	-	16.4	16.4	18.1	18.3	-
355	Special industry machinery	159.0	158.6	163.5	164.2	-	92.6	92.0	96.6	97.5	-
3551	Food products machinery	36.2	36.1	36.0	35.9	-	22.4	22.3	22.2	22.2	-
3552	Textile machinery	19.7	19.8	20.3	20.4	-	13.0	13.0	13.9	14.0	-
3555	Printing trades machinery	33.9	33.9	33.6	33.9	-	19.3	19.2	19.2	19.5	-
356	General industrial machinery	251.7	250.6	263.7	267.4	-	154.0	153.0	166.2	169.5	-
3561	Pumps and pumping equipment	50.2	49.8	51.4	52.0	-	27.8	27.6	29.1	29.7	-
3562	Ball and roller bearings	43.0	43.8	48.5	49.6	-	31.9	32.5	36.6	37.6	-
3563	Air and gas compressors	24.4	23.8	21.0	21.5	-	12.4	11.8	10.5	10.9	-
3564	Blowers and fans	34.4	34.5	36.1	36.5	-	21.0	20.8	22.1	22.3	-
3566	Speed changers, drives, and gears	18.7	18.6	20.0	20.1	-	11.4	11.5	13.2	13.5	-
3568	Power transmission equipment, nec	16.4	16.2	18.9	19.2	-	10.7	10.6	12.7	13.0	-
357	Office and computing machines	477.1	477.9	506.7	507.9	-	187.8	190.2	200.7	202.4	-
3573	Electronic computing equipment	411.8	412.7	442.0	443.0	-	155.2	157.5	167.7	163.8	-
358	Refrigeration and service machinery	154.8	157.1	174.2	177.3	-	104.1	106.3	121.7	124.3	-
3585	Refrigeration and heating equipment	106.4	108.5	123.5	125.7	-	72.8	74.7	88.2	90.2	-
359	Misc. machinery, except electrical	242.6	243.0	272.0	277.1	-	179.5	180.0	204.1	209.0	-
3592	Carburetors, pistons, rings, valves	32.1	32.7	37.0	37.7	-	25.5	26.0	29.2	30.1	-
3599	Machinery, except electrical, nec	210.5	210.3	235.0	239.4	-	154.0	154.0	174.9	178.9	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	1,980.0	1,994.6	2,179.9	2,202.2	2,216.5	1,189.7	1,203.7	1,344.7	1,362.9	1,376.0
361	Electric distributing equipment	106.8	108.3	112.7	113.2	-	75.6	76.7	80.7	81.5	-
3612	Transformers	46.1	47.4	49.2	49.5	-	32.0	32.9	34.5	35.1	-
3613	Switchgear and switchboard apparatus	60.7	60.9	63.5	63.7	-	43.6	43.8	46.2	46.4	-
362	Electrical industrial apparatus	188.5	189.2	202.6	204.1	-	129.0	130.3	143.2	144.7	-
3621	Motors and generators	94.2	94.9	102.7	103.5	-	71.5	72.4	79.8	80.6	-
3622	Industrial controls	58.0	58.0	61.3	61.4	-	34.0	34.2	37.0	37.1	-
363	Household appliances	139.2	142.1	158.5	161.3	-	107.5	110.2	125.1	127.9	-
3632	Household refrigerators and freezers	21.6	23.4	30.0	30.9	-	16.7	18.6	24.6	25.4	-
3633	Household laundry equipment	22.9	23.2	24.6	24.7	-	17.8	18.1	19.3	19.3	-
3634	Electric housewares and fans	42.3	41.5	44.1	45.0	-	32.1	31.4	33.6	34.7	-
364	Electric lighting and wiring equipment	182.4	184.3	196.3	198.2	-	132.9	134.6	144.2	145.8	-
3641	Electric lamps	26.8	26.9	27.3	27.3	-	23.4	23.4	23.7	23.7	-
3643	Current-carrying wiring devices	76.9	78.0	84.7	85.7	-	51.3	52.2	57.0	57.8	-
3644	Noncurrent-carrying wiring devices	17.1	17.0	17.2	17.1	-	12.2	12.1	12.3	12.2	-
3645	Residential lighting fixtures	24.0	24.3	26.2	26.8	-	18.0	18.5	20.1	20.6	-
365	Radio and TV receiving equipment	85.7	86.0	90.0	90.2	-	59.5	59.7	63.0	62.9	-
3651	Radio and TV receiving sets	66.7	67.0	70.5	70.8	-	45.6	46.0	48.7	48.7	-
366	Communication equipment	572.9	572.6	600.5	604.1	-	261.5	260.8	272.2	276.1	-
3661	Telephone and telegraph apparatus	137.5	136.9	141.6	143.0	-	87.5	86.9	90.4	91.7	-
3662	Radio and TV communication equipment	435.4	435.7	458.9	461.1	-	174.0	173.9	181.8	184.4	-
367	Electronic components and accessories	563.4	568.9	656.3	667.1	-	324.5	330.3	397.9	405.0	-
3671-3	Electronic tubes	42.9	43.2	45.1	45.4	-	27.0	27.4	27.5	27.8	-
3674	Semiconductors and related devices	229.7	231.5	258.2	262.4	-	93.4	95.6	113.1	115.1	-
3679	Electronic components, nec	224.6	227.0	270.7	274.8	-	155.1	157.5	193.9	196.8	-
369	Misc. electrical equipment and supplies	141.1	143.2	163.0	164.0	-	99.2	101.1	118.4	119.0	-
3691	Storage batteries	27.5	27.5	33.3	32.7	-	20.9	21.1	26.3	25.7	-
3694	Engine electrical equipment	54.1	56.1	66.0	66.5	-	41.4	43.0	52.5	52.9	-
37	TRANSPORTATION EQUIPMENT	1,729.7	1,746.3	1,910.9	1,933.2	1,944.5	1,074.3	1,089.4	1,230.4	1,247.0	1,255.8
371	Motor vehicles and equipment	724.6	741.1	863.2	874.2	-	538.2	553.9	667.3	678.1	-
3711	Motor vehicles and car bodies	338.6	349.1	399.0	405.6	-	240.3	250.8	297.5	303.9	-
3713	Truck and bus bodies	29.9	31.5	36.2	36.6	-	22.4	23.9	28.2	28.6	-
3714	Motor vehicle parts and accessories	327.6	331.6	382.8	385.0	-	254.2	257.7	305.6	307.9	-
3715	Truck trailers	19.7	19.6	30.5	31.8	-	14.3	14.1	23.8	25.0	-
372	Aircraft and parts	582.2	580.4	588.8	592.6	-	287.9	285.4	284.2	285.4	-
3721	Aircraft	308.8	308.3	312.8	315.2	-	135.8	134.7	133.1	133.4	-
3724	Aircraft engines and engine parts	144.5	143.3	141.9	142.3	-	78.7	77.5	74.4	74.9	-
3728	Aircraft equipment, nec	128.9	128.8	134.1	135.1	-	73.4	73.2	76.7	77.1	-
373	Ship and boat building and repairing	196.2	196.3	212.2	215.1	-	145.8	146.3	162.2	163.3	-
3731	Ship building and repairing	156.9	153.9	163.4	164.5	-	113.7	111.3	121.8	120.9	-
3732	Boat building and repairing	39.3	42.4	48.8	50.6	-	32.1	35.0	40.4	42.1	-
374	Railroad equipment	28.3	27.8	32.0	33.8	-	17.2	16.8	21.2	22.9	-
376	Guided missiles, space vehicles, parts	139.3	139.6	148.9	150.0	-	44.6	44.7	49.0	49.7	-
3761	Guided missiles and space vehicles	110.7	110.8	117.5	118.3	-	34.4	34.2	37.7	33.3	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984 ^e	Apr. 1984 ^e	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984 ^e	Apr. 1984 ^e
TRANSPORTATION EQUIPMENT—Continued											
379	Miscellaneous transportation equipment	45.8	47.2	50.0	51.5	-	30.8	32.1	34.6	35.8	-
3792	Travel trailers and campers	18.0	19.5	22.2	23.4	-	13.9	15.3	18.0	19.0	-
38	INSTRUMENTS AND RELATED PRODUCTS	688.2	688.8	703.9	706.7	708.1	383.0	383.3	393.6	395.4	395.9
381	Engineering and scientific instruments	79.5	80.0	82.9	84.1	-	36.4	36.7	37.4	37.9	-
382	Measuring and controlling devices	236.9	236.7	244.0	246.5	-	137.9	138.0	142.4	143.8	-
3822	Environmental controls	43.2	43.4	47.1	47.8	-	28.1	28.3	30.3	31.0	-
3823	Process control instruments	55.1	54.8	54.2	54.4	-	26.6	26.3	25.9	25.2	-
3825	Instruments to measure electricity	100.0	100.0	102.0	103.3	-	57.5	57.7	58.7	58.9	-
383	Optical instruments and lenses	33.2	33.3	34.2	32.6	-	16.7	16.8	17.6	17.2	-
384	Medical instruments and supplies	156.5	156.6	163.4	163.9	-	94.9	94.7	99.8	99.9	-
3841	Surgical and medical instruments	78.8	75.0	77.3	77.4	-	43.1	43.3	44.9	44.8	-
3842	Surgical appliances and supplies	67.7	67.6	72.1	72.5	-	43.6	43.2	46.8	47.0	-
385	Ophthalmic goods	36.4	36.7	37.8	37.6	-	25.0	25.1	25.8	25.7	-
386	Photographic equipment and supplies	128.5	128.2	124.2	124.5	-	60.4	60.2	58.6	58.7	-
387	Watches, clocks, and watchcases	17.2	17.3	17.4	17.5	-	11.7	11.8	12.0	12.2	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	373.1	377.9	387.8	392.7	396.7	265.8	271.3	280.6	284.3	289.8
391	Jewelry, silverware, and plated ware	55.5	55.6	55.6	55.9	-	39.0	39.1	38.7	38.5	-
3911	Jewelry, precious metal	36.7	36.8	36.7	36.8	-	25.9	26.0	25.5	25.3	-
393	Musical instruments	18.8	18.8	20.7	20.6	-	14.6	14.6	16.2	15.3	-
394	Toys and sporting goods	106.0	109.8	114.2	117.5	-	74.9	78.7	83.9	86.4	-
3942, 4	Dolls, games, toys, and children's vehicles	53.7	56.9	56.2	53.8	-	35.4	38.6	39.7	41.6	-
3949	Sporting and athletic goods, nec	52.3	52.9	58.0	58.7	-	39.5	40.1	44.2	44.8	-
395	Pens, pencils, office and art supplies	30.3	30.4	31.0	31.3	-	20.7	21.2	21.0	21.3	-
396	Costume jewelry and notions	38.0	38.2	38.2	39.0	-	28.9	29.1	28.8	28.7	-
3961	Costume jewelry	20.0	20.0	20.1	20.0	-	15.3	15.3	15.1	15.0	-
399	Miscellaneous manufactures	124.5	125.1	128.1	129.4	-	87.7	88.6	92.0	93.1	-
3993	Signs and advertising displays	47.7	47.0	50.3	50.9	-	33.4	32.9	35.4	35.9	-
NONDURABLE GOODS											
20	FOOD AND KINDRED PRODUCTS	1,562.1	1,565.6	1,582.0	1,580.1	1,587.7	1,061.4	1,064.2	1,080.2	1,078.5	1,085.7
201	Meat products	335.3	336.7	339.0	341.5	-	278.4	279.8	282.4	284.8	-
2011	Meat packing plants	139.2	138.9	140.2	141.6	-	112.6	112.1	114.6	115.9	-
2013	Sausages and other prepared meats	69.8	69.5	69.0	69.1	-	51.7	51.6	51.1	51.3	-
2016	Poultry dressing plants	111.2	113.0	114.1	114.9	-	100.9	102.7	102.9	103.6	-
202	Dairy products	161.9	162.9	160.6	161.5	-	90.7	91.7	91.7	92.4	-
2022	Cheese, natural and processed	34.8	34.7	34.2	34.0	-	26.4	26.5	26.2	25.8	-
2026	Fluid milk	90.6	90.7	89.4	89.6	-	41.4	41.4	42.0	42.4	-
203	Preserved fruits and vegetables	203.2	205.7	209.7	208.1	-	163.9	165.7	168.7	166.7	-
2032	Canned specialties	21.8	21.8	23.7	23.2	-	16.5	16.3	17.1	15.6	-
2033	Canned fruits and vegetables	63.6	65.3	62.0	61.1	-	49.0	50.3	47.8	46.9	-
2037	Frozen fruits and vegetables	42.4	42.4	42.8	43.3	-	36.2	36.2	37.1	37.4	-
204	Grain mill products	135.2	134.1	134.2	132.7	-	91.4	90.4	90.7	83.0	-
2041	Flour and other grain mill products	26.8	26.8	26.7	26.4	-	16.4	16.3	16.3	15.9	-
2048	Prepared feeds, nec	49.5	49.1	48.0	47.8	-	31.5	31.1	30.3	29.9	-
205	Bakery products	215.7	216.1	215.6	215.9	-	126.0	126.4	127.3	127.8	-
2051	Bread, cake, and related products	172.4	173.0	172.1	172.2	-	91.4	91.9	92.3	92.4	-
2052	Cookies and crackers	43.3	43.1	43.5	43.7	-	34.6	34.5	35.0	35.4	-
206	Sugar and confectionery products	98.8	97.0	106.5	101.2	-	75.7	74.0	81.6	75.6	-
2061-3	Cane and beet sugar	24.7	24.8	27.1	25.6	-	18.1	18.4	20.5	13.2	-
2065	Confectionery products	55.0	53.3	59.4	55.0	-	44.8	43.0	47.7	44.4	-
207	Fats and oils	37.2	36.1	37.1	36.4	-	27.9	26.9	27.6	27.2	-
208	Beverages	221.9	223.8	221.0	222.4	-	95.0	96.3	92.0	93.9	-
2082	Malt beverages	47.3	48.4	45.9	46.5	-	29.8	31.0	27.5	28.2	-
2086	Bottled and canned soft drinks	130.5	131.5	130.6	131.8	-	41.8	42.3	41.6	42.5	-
209	Misc. foods and kindred products	152.9	153.2	158.3	160.4	-	112.4	113.0	118.2	120.1	-
21	TOBACCO MANUFACTURES	63.7	61.4	60.6	59.5	59.5	48.7	46.5	45.3	44.3	44.2
211	Cigarettes	45.6	44.3	42.4	41.9	-	34.6	33.3	31.1	30.6	-
22	TEXTILE MILL PRODUCTS	727.5	733.0	760.7	762.9	764.2	624.0	630.2	658.7	660.4	662.6
221	Weaving mills, cotton	122.1	122.3	122.1	121.5	-	107.8	108.1	109.3	109.0	-
222	Weaving mills, synthetics	89.5	89.2	92.3	91.7	-	79.5	79.3	82.5	81.7	-
223	Weaving and finishing mills, wool	16.4	16.6	18.5	18.6	-	13.8	14.0	15.7	15.7	-
224	Narrow fabric mills	21.8	22.1	22.7	22.8	-	18.7	19.0	19.5	19.5	-
225	Knitting mills	198.7	201.6	209.2	210.6	-	170.7	173.5	182.2	183.4	-
2251	Women's hosiery, except socks	31.9	32.3	36.1	35.9	-	28.5	28.9	32.7	32.3	-
2252	Hosiery, nec	31.2	31.6	32.7	32.7	-	28.2	28.5	29.4	29.4	-
2253	Knit outerwear mills	61.6	62.8	62.9	64.1	-	52.2	53.2	53.9	55.1	-
2254	Knit underwear mills	29.1	29.5	30.7	31.0	-	24.5	25.0	26.5	25.7	-

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

1972 SIC Code	Industry	All employees					Production workers ¹				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
TEXTILE MILL PRODUCTS—Continued											
2257	Circular knit fabric mills	26.2	26.3	26.9	26.9	-	22.0	22.2	22.9	23.0	-
226	Textile finishing, except wool	64.2	64.6	66.9	67.1	-	53.2	53.7	56.5	56.5	-
2261	Finishing plants, cotton	27.4	27.6	27.8	27.7	-	22.7	22.8	23.4	23.3	-
2262	Finishing plants, synthetics	22.6	22.5	23.2	23.4	-	18.7	18.7	19.5	19.6	-
227	Floor covering mills	47.1	47.7	51.7	52.5	-	36.9	37.6	41.3	42.1	-
228	Yarn and thread mills	109.3	110.4	113.8	114.3	-	97.6	99.0	101.4	101.8	-
2281	Yarn mills, except wool	74.9	75.6	77.8	77.9	-	67.8	68.5	70.1	70.1	-
2282	Throwing and winding mills	16.9	17.2	18.5	18.7	-	15.0	15.3	16.5	16.6	-
229	Miscellaneous textile goods	58.4	58.5	63.5	63.8	-	45.8	46.0	50.3	50.7	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,144.1	1,148.5	1,209.6	1,216.5	1,221.5	966.8	971.5	1,025.8	1,032.5	1,037.8
231	Men's and boys' suits and coats	66.0	67.1	70.8	70.5	-	57.7	58.5	61.7	61.7	-
232	Men's and boys' furnishings	315.2	319.9	335.8	341.2	-	268.6	273.6	288.1	293.4	-
2321	Men's and boys' shirts and nightwear	87.6	89.2	94.6	94.7	-	75.6	77.1	81.9	82.0	-
2327	Men's and boys' separate trousers	64.9	65.5	68.1	68.6	-	56.1	56.7	59.0	59.4	-
2328	Men's and boys' work clothing	89.9	92.6	97.8	100.6	-	75.5	78.3	82.9	85.6	-
233	Women's and misses' outerwear	391.8	388.1	402.4	401.7	-	332.6	329.0	340.9	340.0	-
2331	Women's and misses' blouses and waists	63.5	61.9	63.4	62.8	-	54.2	52.3	54.3	53.9	-
2335	Women's and misses' dresses	132.4	130.8	134.6	136.8	-	114.6	112.9	114.8	116.6	-
2337	Women's and misses' suits and coats	53.5	54.8	56.4	53.8	-	44.9	46.5	46.8	44.4	-
2339	Women's and misses' outerwear, nec.	142.4	140.6	148.0	148.3	-	118.9	117.3	125.0	125.2	-
234	Women's and children's undergarments	81.1	81.7	88.8	89.4	-	68.6	69.1	75.3	75.7	-
2341	Women's and children's underwear	66.3	67.0	73.5	73.8	-	57.4	58.0	63.8	63.9	-
2342	Brassieres and allied garments	14.8	14.7	15.3	15.6	-	11.2	11.1	11.5	11.8	-
236	Children's outerwear	59.7	59.4	64.8	64.6	-	50.6	50.3	55.2	54.8	-
2361	Children's dresses and blouses	25.7	25.3	27.0	26.8	-	22.8	22.4	23.9	23.8	-
238	Misc. apparel and accessories	47.0	46.1	46.7	46.9	-	38.8	38.1	38.8	39.1	-
239	Misc. fabricated textile products	164.9	167.5	180.0	182.0	-	134.9	137.5	148.9	151.0	-
2391	Curtains and draperies	22.7	23.2	26.0	25.6	-	18.4	19.0	21.4	21.1	-
2392	House furnishings, nec.	48.6	49.4	52.4	53.8	-	40.7	41.3	44.4	45.7	-
2396	Automotive and apparel trimmings	30.3	31.1	33.8	34.5	-	24.8	25.7	27.8	29.5	-
28	PAPER AND ALLIED PRODUCTS	648.9	651.8	668.4	670.7	671.4	483.7	486.2	501.9	504.1	505.1
261, 2, 6	Paper and pulp mills	192.0	192.7	194.3	195.5	-	144.1	145.0	147.0	147.9	-
262	Paper mills, except building paper	166.3	166.7	168.0	169.1	-	123.3	123.9	125.7	126.5	-
263	Paperboard mills	58.5	58.9	59.8	59.4	-	44.7	44.9	45.9	45.6	-
264	Misc. converted paper products	214.2	215.4	223.7	224.6	-	155.6	156.3	162.9	164.0	-
2641	Paper coating and glazing	56.8	57.0	59.6	59.8	-	36.1	36.4	39.0	39.0	-
2642	Envelopes	26.0	26.0	27.3	27.5	-	20.1	20.1	21.2	21.4	-
2643	Bags, except textile bags	48.5	48.7	50.5	50.5	-	37.6	37.6	39.2	39.5	-
265	Paperboard containers and boxes	184.2	184.8	190.6	191.2	-	139.3	140.0	146.1	146.6	-
2651	Folding paperboard boxes	39.2	39.3	40.4	40.8	-	30.6	30.6	31.4	31.8	-
2653	Corrugated and solid fiber boxes	96.7	96.7	100.5	100.8	-	71.4	71.3	75.3	75.5	-
2654	Sanitary food containers	22.1	22.5	22.3	22.4	-	17.7	18.2	18.3	18.4	-
27	PRINTING AND PUBLISHING	1,271.2	1,274.3	1,314.4	1,321.0	1,328.9	697.5	701.5	724.3	729.3	734.3
271	Newspapers	416.0	417.0	429.5	429.3	-	156.1	157.1	161.0	161.5	-
272	Periodicals	98.4	98.2	102.5	103.1	-	21.3	21.6	23.4	23.2	-
273	Books	98.8	98.5	98.5	98.9	-	51.3	51.2	51.5	51.2	-
2731	Book publishing	70.7	70.4	68.6	69.0	-	28.0	28.0	26.9	26.9	-
2732	Book printing	28.1	28.1	29.9	29.9	-	23.3	23.2	24.6	24.3	-
274	Miscellaneous publishing	51.7	52.2	52.5	53.3	-	28.2	28.7	28.1	28.7	-
275	Commercial printing	427.1	429.5	446.7	450.7	-	310.7	313.1	327.3	330.9	-
2751	Commercial printing, letterpress	149.6	151.3	156.5	157.3	-	110.4	112.5	116.2	117.0	-
2752	Commercial printing, lithographic	255.0	255.5	267.0	269.8	-	182.8	182.8	192.6	194.9	-
276	Manifold business forms	47.4	47.4	49.5	49.7	-	33.0	33.0	34.2	34.4	-
278	Blankbooks and bookbinding	60.6	60.4	61.9	62.5	-	48.8	48.7	49.5	50.2	-
279	Printing trade services	46.9	47.1	48.5	48.5	-	34.9	35.1	35.9	35.9	-
28	CHEMICALS AND ALLIED PRODUCTS	1,055.3	1,055.7	1,060.5	1,064.0	1,066.6	585.6	586.5	593.0	594.0	596.7
281	Industrial inorganic chemicals	153.2	152.8	151.6	151.7	-	79.0	78.6	77.3	77.3	-
2819	Industrial inorganic chemicals, nec.	103.3	102.9	104.2	104.5	-	54.3	54.0	53.8	53.8	-
282	Plastics materials and synthetics	178.1	179.2	178.7	178.5	-	114.7	116.0	117.2	117.1	-
2821	Plastics materials and resins	74.4	74.9	76.3	76.7	-	42.8	43.2	44.9	45.2	-
2824	Organic fibers, noncellulosic	73.9	74.0	71.8	71.5	-	51.7	52.0	50.7	50.4	-
283	Drugs	199.5	199.9	200.8	200.9	-	97.3	98.0	98.1	97.5	-
2834	Pharmaceutical preparations	157.3	157.4	158.6	158.7	-	75.3	75.7	76.3	75.8	-
284	Soap, cleaners, and toilet goods	148.1	147.5	153.7	154.6	-	93.0	91.4	96.8	97.0	-
2841	Soap and other detergents	44.6	44.5	45.4	45.8	-	28.7	28.5	29.3	28.7	-
2844	Toilet preparations	64.7	64.2	67.9	68.3	-	43.0	41.8	45.1	45.9	-
2842, 3	Polishing, sanitation, and finishing preparations	38.8	38.8	40.4	40.5	-	21.3	21.1	22.4	22.4	-
285	Paints and allied products	60.4	60.9	61.9	62.3	-	29.3	29.6	30.2	30.6	-
286	Industrial organic chemicals	164.6	163.3	160.3	161.2	-	84.3	84.2	81.4	81.7	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
2865	Cyclic crudes and intermediates	32.0	31.7	31.3	31.3	-	19.6	19.4	18.7	18.6	-
2861,9	Gum, wood, and industrial organic chemicals, nec	132.6	131.6	129.0	129.9	-	64.7	64.8	62.7	63.1	-
287	Agricultural chemicals	62.8	63.2	61.7	62.7	-	38.4	38.8	38.2	39.0	-
289	Miscellaneous chemical products	88.6	88.9	91.8	92.1	-	49.6	49.9	53.8	53.8	-
29	PETROLEUM AND COAL PRODUCTS	195.2	196.9	187.1	187.5	189.8	118.4	119.8	108.3	109.0	113.0
291	Petroleum refining	160.3	160.0	152.1	151.6	-	94.3	93.7	84.2	83.9	-
295	Paving and roofing materials	23.6	25.5	23.4	24.2	-	17.3	19.2	16.9	17.8	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	695.1	707.4	782.1	790.8	796.1	534.1	546.8	609.1	616.4	622.3
301	Tires and inner tubes	100.3	100.5	105.0	105.5	-	72.8	73.4	73.4	73.7	-
302	Rubber and plastics footwear	18.4	19.1	19.1	19.5	-	15.5	15.2	16.1	16.4	-
303,4	Reclaimed rubber, and rubber and plastics hose and belting	20.4	20.2	23.7	24.3	-	14.0	13.9	16.6	16.9	-
306	Fabricated rubber products, nec	96.6	97.3	107.5	108.1	-	73.2	74.0	83.2	83.6	-
307	Miscellaneous plastics products	459.4	470.3	526.8	533.4	-	358.6	369.3	419.8	425.8	-
31	LEATHER AND LEATHER PRODUCTS	212.6	213.6	214.0	212.6	213.7	176.6	177.5	178.8	173.0	179.6
311	Leather tanning and finishing	18.9	19.1	18.6	18.4	-	15.6	15.9	15.6	15.4	-
314	Footwear, except rubber	132.2	132.7	130.4	129.5	-	112.2	112.6	111.0	110.3	-
3143	Men's footwear, except athletic	51.6	51.8	52.0	52.0	-	41.5	41.4	41.9	41.9	-
3144	Women's footwear, except athletic	51.6	51.9	51.5	50.9	-	45.6	46.0	45.6	45.1	-
316	Luggage	13.2	13.4	13.3	12.3	-	9.2	9.4	9.7	9.1	-
317	Handbags and personal leather goods	25.9	25.8	27.2	27.6	-	20.8	20.7	22.2	22.6	-
-	TRANSPORTATION AND PUBLIC UTILITIES	4,913	4,953	4,992	5,017	5,049	4,041	4,077	4,097	4,119	4,155
40	RAILROAD TRANSPORTATION	369.6	376.4	365.0	366.2	-	-	-	-	-	-
4011	Class I railroads ²	341.0	347.3	335.7	336.7	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	274.9	275.6	278.4	278.3	-	255.3	256.4	258.9	259.2	-
411	Local and suburban transportation	85.6	86.1	89.8	90.1	-	78.6	79.2	82.6	83.0	-
412	Taxicabs	40.7	39.9	39.4	38.6	-	-	-	-	-	-
413	Intercity highway transportation	32.5	33.1	32.5	31.7	-	29.6	30.3	30.0	29.4	-
415	School buses	97.2	97.1	97.9	98.5	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	1,159.6	1,171.1	1,221.1	1,231.6	-	1,003.2	1,014.5	1,059.8	1,071.4	-
421,3	Trucking and trucking terminals	1,081.1	1,093.6	1,141.4	1,152.8	-	937.8	950.2	993.2	1,005.5	-
422	Public warehousing	78.5	77.5	79.7	78.8	-	65.4	64.3	66.6	65.9	-
44	WATER TRANSPORTATION	179.0	192.4	175.8	180.3	-	-	-	-	-	-
45	TRANSPORTATION BY AIR	442.1	445.0	459.9	463.6	-	-	-	-	-	-
451,2	Air transportation	391.1	393.2	404.0	407.5	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	21.8	21.8	22.3	22.4	-	15.4	15.4	15.9	15.8	-
47	TRANSPORTATION SERVICES	212.2	215.3	223.2	226.8	-	-	-	-	-	-
48	COMMUNICATION	1,378.3	1,378.9	1,362.5	1,363.5	-	1,048.1	1,047.9	1,029.2	1,028.5	-
481	Telephone communication	1,013.5	1,010.7	977.0	974.1	-	756.0	753.2	725.1	722.4	-
483	Radio and television broadcasting	227.6	229.3	232.9	233.9	-	180.6	181.9	186.7	187.6	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	875.8	876.9	883.4	884.1	-	704.8	704.5	703.2	702.8	-
491	Electric services	430.1	431.0	435.6	436.1	-	341.8	341.1	341.0	341.1	-
492	Gas production and distribution	175.1	174.6	171.7	171.8	-	139.9	139.4	136.2	135.9	-
493	Combination utility services	196.6	196.4	201.1	200.9	-	159.1	159.1	161.1	160.8	-
495	Sanitary services	50.0	50.5	51.7	52.0	-	44.3	44.7	45.9	45.0	-
-	WHOLESALE AND RETAIL TRADE	19,955	20,177	20,434	20,569	20,834	17,397	17,601	17,784	17,899	18,141
50,51	WHOLESALE TRADE	5,145	5,164	5,315	5,350	5,379	4,131	4,148	4,270	4,300	4,331
50	WHOLESALE TRADE - DURABLE GOODS	3,009	3,023	3,147	3,169	-	2,402	2,413	2,520	2,538	-
501	Motor vehicles and automotive equipment	396.6	399.1	415.3	416.5	-	318.1	320.1	333.2	334.0	-
502	Furniture and home furnishing	114.1	115.3	118.0	117.2	-	93.2	94.0	96.5	95.0	-
503	Lumber and construction materials	179.4	182.4	194.5	196.3	-	146.1	149.2	161.0	162.5	-
504	Sporting goods, toys, and hobby goods	71.0	71.7	74.6	74.7	-	57.3	57.8	61.5	61.9	-
505	Metals and minerals, except petroleum	129.6	129.7	132.3	133.0	-	102.9	102.9	106.6	107.1	-
506	Electrical goods	424.1	425.5	443.8	448.2	-	336.6	337.3	354.8	359.0	-
507	Hardware, plumbing, and heating equipment	232.5	232.6	243.2	244.2	-	187.5	187.3	196.9	197.7	-

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

1972 SIC Code	Industry	All employees					Production workers ¹					
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	
	WHOLESALE TRADE-DURABLE GOODS—											
	Continued											
508	Machinery, equipment, and supplies	1,290.0	1,292.4	1,340.9	1,352.3	-	1,018.5	1,019.8	1,054.8	1,064.1	-	
509	Miscellaneous durable goods	171.4	174.4	184.6	186.4	-	141.3	144.4	154.5	156.2	-	
51	WHOLESALE TRADE-NONDURABLE GOODS ..	2,136	2,141	2,168	2,181	-	1,729	1,735	1,750	1,762	-	
511	Paper and paper products	157.4	157.2	167.5	169.1	-	126.7	126.8	136.7	138.2	-	
512	Drugs, proprietaries, and sundries	153.0	153.4	154.8	154.7	-	128.7	128.6	128.0	127.8	-	
513	Apparel, piece goods, and notions	166.5	166.8	171.3	172.2	-	126.3	126.8	126.4	127.3	-	
514	Groceries and related products	639.1	643.5	649.9	653.5	-	543.8	548.2	552.7	555.4	-	
516	Chemicals and allied products	133.5	132.6	137.4	138.7	-	92.7	92.0	95.0	96.1	-	
517	Petroleum and petroleum products	216.3	216.0	214.1	213.9	-	163.7	163.6	162.5	162.8	-	
518	Beer, wine, and distilled beverages	142.7	143.1	146.2	147.1	-	118.4	118.9	121.0	121.8	-	
519	Miscellaneous nondurable goods	387.6	390.2	387.3	392.0	-	314.2	316.9	312.7	317.6	-	
52-59	RETAIL TRADE	14,810	15,013	15,119	15,219	15,455	13,266	13,453	13,514	13,599	13,810	
52	BUILDING MATERIALS AND GARDEN											
	SUPPLIES	573.7	590.8	592.6	605.0	-	481.9	497.4	497.2	508.1	-	
521	Lumber and other building materials	295.2	302.2	312.6	317.6	-	248.7	255.4	264.5	268.7	-	
525	Hardware stores	146.2	148.0	151.8	152.9	-	123.2	125.1	128.1	128.9	-	
53	GENERAL MERCHANDISE STORES	2,099.3	2,108.5	2,200.2	2,204.0	-	1,958.0	1,966.9	2,058.2	2,061.5	-	
531	Department stores	1,792.7	1,798.0	1,891.7	1,894.7	-	1,683.2	1,688.4	1,782.2	1,785.5	-	
533	Variety stores	200.2	203.1	198.4	199.6	-	184.1	186.8	181.1	181.8	-	
539	Misc. general merchandise stores	106.4	107.4	110.1	109.7	-	90.7	91.7	94.9	94.2	-	
54	FOOD STORES	2,444.2	2,452.9	2,505.2	2,501.5	-	2,268.0	2,273.7	2,328.2	2,323.8	-	
541	Grocery stores	2,144.5	2,151.0	2,206.5	2,204.3	-	1,998.7	2,002.7	2,059.6	2,056.2	-	
542	Meat markets and freezer provisioners	59.1	59.6	58.1	57.9	-	-	-	-	-	-	
546	Retail bakeries	130.5	131.9	134.3	134.5	-	118.0	119.6	122.0	122.9	-	
55	AUTOMOTIVE DEALERS AND SERVICE											
	STATIONS	1,580.3	1,595.2	1,642.1	1,652.2	-	1,326.4	1,339.5	1,374.3	1,384.3	-	
551.2	New and used car dealers	735.3	738.4	781.1	785.4	-	602.6	605.9	643.0	645.9	-	
553	Auto and home supply stores	248.4	253.5	255.2	257.7	-	213.5	218.4	213.4	215.9	-	
554	Gasoline service stations	523.3	525.9	531.0	530.8	-	452.4	453.7	459.1	459.3	-	
56	APPAREL AND ACCESSORY STORES	922.8	932.2	938.8	940.8	-	778.4	787.7	788.7	792.0	-	
561	Men's and boys' clothing and furnishings	115.1	115.2	115.1	113.8	-	96.8	96.9	95.2	94.4	-	
562	Women's ready-to-wear stores	337.0	339.2	344.7	348.2	-	286.9	289.5	291.5	295.1	-	
565	Family clothing stores	168.2	167.2	169.2	167.5	-	145.9	145.0	146.8	145.5	-	
566	Shoe stores	196.2	204.2	200.0	201.5	-	158.5	166.4	162.2	163.8	-	
57	FURNITURE AND HOME FURNISHINGS											
	STORES	570.2	572.4	605.9	608.2	-	471.4	472.7	502.5	503.4	-	
571	Furniture and home furnishings stores	340.6	342.5	360.1	363.2	-	281.3	282.8	297.9	300.0	-	
572	Household appliance stores	72.1	71.6	75.9	74.9	-	61.7	61.3	64.7	63.7	-	
573	Radio, television, and music stores	157.5	158.3	169.9	170.1	-	128.4	128.6	139.9	139.7	-	
58	EATING AND DRINKING PLACES	4,723.7	4,872.8	4,675.8	4,764.2	-	4,341.2	4,481.9	4,271.7	4,354.1	-	
59	MISCELLANEOUS RETAIL	1,895.6	1,887.9	1,958.8	1,942.8	-	1,640.8	1,633.4	1,693.0	1,672.0	-	
591	Drug stores and proprietary stores	486.5	485.7	502.1	499.6	-	432.2	431.3	441.6	438.0	-	
592	Liquor stores	125.2	125.0	120.9	119.9	-	-	-	-	-	-	
594	Miscellaneous shopping goods stores	613.7	610.0	635.7	635.7	-	521.3	518.6	540.1	533.2	-	
596	Nonstore retailers	249.8	245.6	258.4	257.7	-	230.3	226.3	237.0	236.0	-	
598	Fuel and ice dealers	101.5	99.0	106.7	105.4	-	84.4	82.1	88.9	87.6	-	
599	Retail stores, nec.	257.0	260.4	268.6	258.1	-	213.6	216.9	226.4	214.9	-	
-	FINANCE, INSURANCE, AND REAL											
	ESTATE ?	5,359	5,401	5,525	5,547	5,577	3,980	4,017	4,101	4,121	4,149	
60	BANKING	1,648.7	1,649.4	1,664.0	1,666.0	-	1,228.9	1,228.5	1,234.2	1,235.8	-	
602	Commercial and stock savings banks	1,497.5	1,497.9	1,509.6	1,510.8	-	1,109.2	1,108.3	1,112.4	1,113.4	-	
61	CREDIT AGENCIES OTHER THAN BANKS	601.0	605.1	640.0	645.0	-	452.3	458.6	485.7	489.6	-	
612	Savings and loan associations	284.6	287.6	306.0	307.8	-	217.4	220.3	235.0	236.5	-	
614	Personal credit institutions	194.2	193.9	200.6	202.1	-	145.5	147.7	153.1	154.2	-	
62	SECURITY, COMMODITY BROKERS, AND											
	SERVICES	293.9	296.9	330.7	333.1	-	-	-	-	-	-	
621	Security brokers and dealers	235.3	237.9	267.9	269.5	-	-	-	-	-	-	
63	INSURANCE CARRIERS	1,226.4	1,232.0	1,234.8	1,237.0	-	833.8	835.5	838.0	840.3	-	
631	Life insurance	541.5	541.0	535.9	535.7	-	331.2	330.6	326.7	327.7	-	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
	INSURANCE CARRIERS—Continued										
632	Medical service and health insurance	143.8	143.6	150.3	151.0	-	114.6	114.2	120.2	120.5	-
633	Fire, marine, and casualty insurance	467.7	472.3	466.5	467.4	-	330.3	331.7	325.8	326.1	-
64	INSURANCE AGENTS, BROKERS, AND SERVICE	479.1	480.6	493.0	494.5	-	-	-	-	-	-
65	REAL ESTATE	956.6	983.1	1,002.9	1,011.6	-	-	-	-	-	-
651	Real estate operators and lessors	478.2	492.4	500.0	502.3	-	-	-	-	-	-
653	Real estate agents and managers	352.6	355.6	370.7	374.2	-	-	-	-	-	-
655	Subdividers and developers	107.1	115.6	109.3	112.0	-	-	-	-	-	-
66	COMBINED REAL ESTATE, INSURANCE, ETC.	16.9	17.1	17.1	17.2	-	-	-	-	-	-
67	HOLDING AND OTHER INVESTMENT OFFICES	136.0	136.6	142.0	142.8	-	-	-	-	-	-
-	SERVICES	19,279	19,517	20,047	20,258	20,557	17,065	17,289	17,732	17,928	18,086
70	HOTELS AND OTHER LODGING PLACES	1,065.0	1,105.3	1,077.1	1,107.9	-	-	-	-	-	-
701	Hotels, motels, and tourist courts	1,036.1	1,074.1	1,050.0	1,079.7	-	944.8	979.1	950.2	978.1	-
72	PERSONAL SERVICES	964.9	970.9	964.7	975.3	-	-	-	-	-	-
721	Laundry, cleaning, and garment services	343.5	344.4	349.5	348.8	-	304.1	305.4	311.2	310.9	-
723	Beauty shops	292.2	293.5	303.8	306.2	-	270.9	271.8	276.8	279.2	-
726	Funeral service and crematories	72.2	72.4	71.6	72.3	-	-	-	-	-	-
73	BUSINESS SERVICES	3,403.1	3,463.4	3,840.7	3,905.6	-	2,935.4	2,994.5	3,344.2	3,409.0	-
731	Advertising	166.0	166.1	168.2	169.6	-	123.4	124.2	125.9	127.3	-
732	Credit reporting and collection	76.7	77.3	80.5	81.3	-	-	-	-	-	-
733	Mailing, reproduction, stenographic	138.9	139.1	151.9	153.9	-	-	-	-	-	-
734	Services to buildings	524.6	528.7	557.1	565.8	-	476.4	480.5	507.0	516.1	-
736	Personnel supply services	614.0	652.3	846.0	885.3	-	-	-	-	-	-
737	Computer and data processing services	390.6	393.2	434.4	436.4	-	323.1	325.6	364.3	364.9	-
75	AUTO REPAIR, SERVICES, AND GARAGES	575.5	579.5	604.3	609.1	-	484.7	489.3	512.5	516.4	-
753	Automotive repair shops	358.5	362.9	369.7	371.4	-	298.2	302.2	310.4	311.2	-
76	MISCELLANEOUS REPAIR SERVICES	265.5	266.1	275.7	279.3	-	218.0	218.6	230.0	233.3	-
78	MOTION PICTURES	202.4	206.1	200.2	205.1	-	173.5	177.9	172.9	177.7	-
781	Motion picture production and services	85.7	86.3	89.7	91.9	-	70.7	72.1	75.3	77.6	-
783	Motion picture theaters	106.2	109.6	100.5	103.1	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	751.6	826.6	767.5	796.7	-	679.2	750.9	689.3	713.4	-
80	HEALTH SERVICES	5,893.8	5,904.9	5,993.3	6,006.9	-	5,284.4	5,292.9	5,358.1	5,367.5	-
801	Offices of physicians	842.1	846.3	876.1	879.9	-	709.0	712.2	734.9	737.8	-
802	Offices of dentists	398.8	402.3	423.1	426.2	-	353.0	355.5	374.3	378.2	-
805	Nursing and personal care facilities	1,082.7	1,085.0	1,118.5	1,119.0	-	978.5	980.7	1,005.5	1,009.0	-
806	Hospitals	3,028.6	3,024.7	2,995.6	2,991.0	-	2,780.0	2,775.7	2,740.9	2,734.2	-
81	LEGAL SERVICES	585.7	587.2	625.7	631.4	-	494.6	496.0	527.5	532.4	-
82	EDUCATIONAL SERVICES	1,299.6	1,283.4	1,284.0	1,290.1	-	-	-	-	-	-
821	Elementary and secondary schools	335.3	333.8	330.8	330.4	-	-	-	-	-	-
822	Colleges and universities	835.1	820.6	819.6	823.8	-	-	-	-	-	-
83	SOCIAL SERVICES	1,218.0	1,230.7	1,305.9	1,317.0	-	-	-	-	-	-
86	MEMBERSHIP ORGANIZATIONS	1,521.6	1,522.5	1,520.1	1,520.6	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	1,058.1	1,056.2	1,107.4	1,113.2	-	862.9	863.0	907.8	913.2	-
891	Engineering and architectural services	559.7	562.5	587.6	591.8	-	459.2	463.8	490.2	494.0	-
893	Accounting, auditing, and bookkeeping	371.0	367.3	393.7	394.8	-	300.6	296.9	314.6	315.7	-
	GOVERNMENT	16,051	16,021	16,019	16,083	16,066	-	-	-	-	-
	FEDERAL GOVERNMENT ⁴	2,731	2,735	2,746	2,750	2,762	-	-	-	-	-
	Executive, by agency ⁴	2,676.1	2,679.9	-	-	-	-	-	-	-	-
	Department of Defense	943.8	940.9	-	-	-	-	-	-	-	-
	Postal Service	659.4	658.4	-	-	-	-	-	-	-	-
	Other executive agencies	1,072.9	1,080.6	-	-	-	-	-	-	-	-
	Legislative	38.7	39.2	-	-	-	-	-	-	-	-
	Judicial	16.0	16.0	-	-	-	-	-	-	-	-

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

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

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
	FEDERAL GOVERNMENT—Continued										
	Federal Government, by industry										
-	Manufacturing activities	137.3	136.7	137.8	137.8	-	-	-	-	-	-
3731	Shipbuilding and repairing	83.1	83.0	82.0	81.8	-	-	-	-	-	-
-	Transportation and public utilities, except										
-	Postal Service	39.7	40.0	36.8	36.5	-	-	-	-	-	-
-	Services	388.8	389.8	387.7	388.2	-	-	-	-	-	-
808	Federal government hospitals	236.5	236.1	238.5	238.4	-	-	-	-	-	-
	STATE AND LOCAL GOVERNMENT	13,320	13,286	13,273	13,333	13,304	-	-	-	-	-
-	State government	3,723	3,722	3,748	3,763	-	-	-	-	-	-
808	State government hospitals	490.1	488.0	476.6	477.0	-	-	-	-	-	-
82	State education	1,561.4	1,555.9	1,605.3	1,612.1	-	-	-	-	-	-
-	General administration including executive, legislative, and judicial functions	1,070.6	1,071.6	1,070.8	1,077.7	-	-	-	-	-	-
-	Local government	9,598	9,564	9,524	9,570	-	-	-	-	-	-
-	Transportation and public utilities	531.8	531.6	536.1	539.9	-	-	-	-	-	-
808	Local government hospitals	637.9	637.5	627.9	627.5	-	-	-	-	-	-
82	Local education	5,360.8	5,328.2	5,306.2	5,336.2	-	-	-	-	-	-
-	General administration including executive, legislative, and judicial functions	2,778.1	2,776.8	2,778.1	2,789.0	-	-	-	-	-	-

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

² Beginning January 1978, data relate to line haul railroads with operating revenues of \$50,000,000 or more.

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

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

- Data not available.

p = preliminary.

NOTE: Data from April 1982 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustments" under the Establishment Data section of the Explanatory Notes.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	Jan. 1983	Feb. 1983	Dec. 1983	Jan. 1984	Feb. 1984
	TOTAL	38,735	38,800	40,962	40,236	40,494
	PRIVATE SECTOR	31,150	31,095	33,134	32,509	32,609
	MINING	127	126	124	124	125
10	METAL MINING	5.6	5.6	5.3	5.5	5.5
11, 12	COAL MINING	11.3	11.2	11.2	11.3	11.6
13	OIL AND GAS EXTRACTION	101.3	100.5	98.8	98.0	98.6
131, 2	Crude petroleum, natural gas, and natural gas liquids.....	66.1	65.8	65.4	65.2	65.5
138	Oil and gas field services.....	35.2	34.7	33.4	32.8	33.1
14	NONMETALLIC MINERALS, EXCEPT FUELS	8.7	8.3	8.9	8.8	8.9
142	Crushed and broken stone.....	2.7	2.6	2.9	2.8	2.9
144	Sand and gravel.....	2.8	2.7	3.0	3.0	3.0
	CONSTRUCTION	373	369	401	397	399
15	GENERAL BUILDING CONTRACTORS	120.3	119.0	135.2	134.7	135.9
152	Residential building construction.....	66.5	65.5	77.2	77.1	77.6
153	Operative builders.....	12.9	13.1	15.2	15.1	15.5
154	Nonresidential building construction.....	40.9	40.4	42.8	42.5	42.8
16	HEAVY CONSTRUCTION CONTRACTORS	60.1	59.5	58.4	56.0	56.0
161	Highway and street construction.....	12.3	12.0	14.2	13.3	13.2
162	Heavy construction, except highway.....	47.8	47.5	44.2	42.7	42.8
17	SPECIAL TRADE CONTRACTORS	192.2	190.1	207.2	206.5	206.6
171	Plumbing, heating, air conditioning.....	52.4	52.0	54.6	54.5	54.4
172	Painting, paper hanging, decorating.....	11.0	10.7	11.5	11.7	11.4
173	Electrical work.....	38.7	38.3	40.6	40.5	40.8
174	Masonry, stonework, and plastering.....	20.6	20.2	23.3	23.0	22.5
175	Carpentering and flooring.....	13.2	13.1	15.5	15.3	15.3
176	Roofing and sheet metal work.....	12.9	12.5	13.6	13.5	13.6
	MANUFACTURING	5,785	5,809	6,212	6,185	6,251
24, 25, 32-39	DURABLE GOODS	2,708	2,718	2,968	2,967	3,002
20-23, 26-31	NONDURABLE GOODS	3,077	3,091	3,244	3,218	3,249
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS	90.0	90.9	103.6	103.2	103.7
241	Logging camps and logging contractors.....	5.8	5.8	6.1	5.8	5.8
242	Sawmills and planing mills.....	17.2	17.2	19.1	19.2	19.3
2421	Sawmills and planing mills, general.....	11.8	11.9	13.1	13.1	13.1
243	Millwork, plywood, and structural members.....	35.8	36.6	43.6	43.9	43.8
244	Wood containers.....	5.8	5.7	5.9	5.8	6.0
245	Wood buildings and mobile homes.....	7.1	7.1	8.8	8.6	8.6
249	Miscellaneous wood products.....	18.3	18.5	20.1	19.9	20.2
25	FURNITURE AND FIXTURES	129.7	129.4	142.9	142.8	145.5
251	Household furniture.....	88.8	88.7	95.1	94.8	96.8
2511	Wood household furniture.....	38.3	37.7	39.6	39.5	40.0
2512	Upholstered household furniture.....	29.2	29.4	33.2	32.6	33.1
2515	Mattresses and bedsprings.....	7.4	7.8	7.9	8.0	8.1
252	Office furniture.....	13.4	13.1	15.8	16.0	16.3
253	Public building and related furniture.....	4.6	4.6	5.2	5.2	5.2
254	Partitions and fixtures.....	9.9	10.0	11.5	11.7	12.0
259	Miscellaneous furniture and fixtures.....	13.0	13.0	15.3	15.1	15.2
32	STONE, CLAY, AND GLASS PRODUCTS	105.8	105.5	113.0	111.7	113.1
322	Glass and glassware, pressed or blown.....	32.8	32.6	32.9	31.6	32.3
3221	Glass containers.....	18.8	18.4	17.2	16.2	16.2
3229	Pressed and blown glass, nec.....	14.0	14.2	15.7	15.4	16.1
323	Products of purchased glass.....	11.1	11.5	13.2	13.3	13.3
324	Cement, hydraulic.....	1.5	1.4	1.5	1.5	1.5
325	Structural clay products.....	5.4	5.5	5.7	5.9	5.9
326	Pottery and related products.....	13.2	12.8	14.1	13.5	13.6
327	Concrete, gypsum, and plaster products.....	14.3	14.2	14.9	14.8	14.9
329	Misc. nonmetallic mineral products.....	24.7	24.6	27.7	28.1	28.6
33	PRIMARY METAL INDUSTRIES	93.6	94.5	102.4	102.3	102.9
331	Blast furnace and basic steel products.....	25.4	25.3	26.1	25.5	25.3
3312	Blast furnaces and steel mills.....	18.2	17.9	18.7	18.2	17.9
332	Iron and steel foundries.....	12.3	12.5	14.2	14.5	14.7

ESTABLISHMENT DATA WOMEN EMPLOYEES

B-3. Women employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	Jan. 1983	Feb. 1983	Dec. 1983	Jan. 1984	Feb. 1984
PRIMARY METAL INDUSTRIES—Continued						
3321	Gray iron foundries	5.7	5.8	6.9	7.0	7.0
3322	Malleable iron foundries .....	.8	.8	.9	.9	1.0
3325	Steel foundries, nec	3.0	3.1	3.4	3.5	3.6
333	Primary nonferrous metals	3.4	3.4	3.6	3.5	3.6
3334	Primary aluminum	1.4	1.4	1.5	1.5	1.6
335	Nonferrous rolling and drawing	33.3	33.9	36.4	36.7	36.7
3351	Copper rolling and drawing	3.1	3.2	3.3	3.4	3.2
3353	Aluminum sheet, plate, and foil	3.0	3.0	3.6	3.6	3.6
3357	Nonferrous wire drawing and insulating	19.8	20.3	21.4	21.5	21.6
336	Nonferrous foundries	14.3	14.4	16.8	16.8	17.1
3361	Aluminum foundries	7.4	7.5	8.7	8.9	8.9
34	FABRICATED METAL PRODUCTS	290.4	292.7	316.9	317.5	321.4
341	Metal cans and shipping containers	10.4	10.4	10.4	10.5	10.4
3411	Metal cans	8.6	8.6	8.6	8.7	8.6
342	Cutlery, hand tools, and hardware	45.6	46.6	50.2	50.3	50.9
3423, 5	Hand and edge tools, and hand saws and blades	13.0	13.4	13.7	13.7	13.9
3429	Hardware, nec	27.2	27.8	30.9	31.1	31.5
343	Plumbing and heating, except electric	15.5	15.7	16.5	16.3	16.6
344	Fabricated structural metal products	63.4	62.8	68.0	67.3	57.8
3441	Fabricated structural metal	6.5	6.5	6.3	6.2	6.2
3442	Metal doors, sash, and trim	19.8	19.4	23.1	22.6	22.5
3443	Fabricated plate work (boiler shops)	15.0	14.9	14.3	14.2	14.4
3444	Sheet metal work	13.7	13.9	15.5	15.5	15.8
345	Screw machine products, bolts, etc.	18.7	18.8	21.2	21.2	21.7
3451	Screw machine products	9.1	9.2	11.0	11.0	11.4
3452	Bolts, nuts, rivets, and washers	9.6	9.6	10.2	10.2	10.3
346	Metal forgings and stampings	43.1	44.4	50.6	51.2	51.8
3462	Iron and steel forgings	3.2	3.1	3.1	3.1	3.1
3465	Automotive stampings	10.4	11.3	14.4	14.8	14.9
3469	Metal stampings, nec	27.5	27.9	30.8	31.1	31.6
347	Metal services, nec	21.8	22.0	23.9	23.9	24.3
3471	Plating and polishing	16.4	16.6	17.8	17.7	18.0
3479	Metal coating and allied services	5.4	5.4	6.1	6.2	6.3
348	Ordinance and accessories, nec	18.6	18.7	19.7	19.8	19.9
349	Misc. fabricated metal products	53.3	53.3	56.4	57.0	58.0
3494	Valves and pipe fittings	19.3	19.3	19.5	19.7	20.0
3496	Misc. fabricated wire products	13.2	13.3	14.8	15.0	15.3
35	MACHINERY, EXCEPT ELECTRICAL	447.9	446.6	476.2	477.4	492.7
351	Engines and turbines	18.7	18.4	21.2	21.5	22.0
3511	Turbines and turbine generator sets	5.9	5.7	5.0	5.0	5.0
3519	Internal combustion engines, nec	12.8	12.7	16.2	16.5	17.0
352	Farm and garden machinery	21.4	21.7	22.0	22.6	23.2
3523	Farm machinery and equipment	15.7	15.8	15.8	16.0	16.2
353	Construction and related machinery	36.5	35.8	35.7	36.2	35.5
3531	Construction machinery	8.6	8.2	9.3	9.7	9.5
3533	Oil field machinery	13.4	13.4	11.9	12.0	11.6
354	Metalworking machinery	45.7	45.3	48.5	48.7	48.8
3541	Machine tools, metal cutting types	7.1	7.0	7.2	7.1	7.2
3544	Special dies, tools, jigs, and fixtures	14.0	14.0	15.3	15.5	15.6
3545	Machine tool accessories	10.4	10.3	10.7	10.9	11.2
355	Special industry machinery	25.3	24.8	25.7	25.9	25.9
3551	Food products machinery	4.8	4.7	4.8	4.8	4.8
3552	Textile machinery	4.0	3.8	3.9	4.0	4.0
3555	Printing trades machinery	6.7	6.7	6.7	6.7	6.7
356	General industrial machinery	49.7	49.7	53.6	53.9	54.9
3561	Pumps and pumping equipment	9.6	9.5	9.3	9.3	9.4
3562	Ball and roller bearings	10.3	10.4	11.9	11.9	12.2
357	Office and computing machines	178.4	177.7	187.9	187.0	188.9
3573	Electronic computing equipment	153.3	153.1	163.1	162.8	164.3
358	Refrigeration and service machinery	31.9	32.9	37.0	36.8	38.0
3585	Refrigeration and heating equipment	21.2	22.1	25.7	26.1	26.6
359	Misc. machinery, except electrical	40.3	40.3	44.6	44.8	45.5
3699	Machinery, except electrical, nec	33.1	32.9	35.1	35.2	35.9
36	ELECTRIC AND ELECTRONIC EQUIPMENT	817.7	821.4	916.5	919.4	931.4
361	Electric distributing equipment	40.5	40.7	45.0	45.2	45.7
3612	Transformers	16.7	16.6	18.0	18.0	18.1
3613	Switchgear and switchboard apparatus	23.8	24.1	27.0	27.2	27.6
362	Electrical industrial apparatus	68.5	69.3	75.3	76.1	76.6
3621	Motors and generators	35.9	36.9	40.8	41.7	41.6
3622	Industrial controls	22.8	22.8	24.0	24.0	24.4
363	Household appliances	47.0	48.1	55.7	56.4	56.7
3632	Household refrigerators and freezers	5.7	5.6	6.2	6.7	7.1
3633	Household laundry equipment	3.9	4.3	5.1	5.4	5.6
3634	Electric housewares and fans	21.9	22.6	25.5	24.6	24.4
364	Electric lighting and wiring equipment	78.0	78.6	86.5	86.6	37.6
3641	Electric lamps	15.7	15.2	16.2	16.3	16.1

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Jan. 1983	Feb. 1983	Dec. 1983	Jan. 1984	Feb. 1984
ELECTRIC AND ELECTRONIC EQUIPMENT—Continued						
3643	Current-carrying wiring devices	35.1	35.8	38.8	39.1	40.0
365	Radio and TV receiving equipment	45.5	44.7	48.0	46.8	47.3
3651	Radio and TV receiving sets	34.5	33.8	35.6	35.7	35.6
366	Communication equipment	211.8	212.4	221.3	220.8	222.1
3661	Telephone and telegraph apparatus	66.4	66.9	67.8	67.8	68.5
3662	Radio and TV communication equipment	145.4	145.5	153.5	153.0	153.6
367	Electronic components and accessories	272.5	274.0	322.9	326.0	332.5
3671-3	Electronic tubes	16.3	16.3	16.8	16.8	16.8
3674	Semiconductors and related devices	103.3	102.8	118.4	120.1	121.2
3679	Electronic components, nec	111.8	113.1	136.9	137.7	141.3
369	Misc. electrical equipment and supplies	53.9	53.6	61.8	61.5	62.9
3694	Engine electrical equipment	23.1	22.7	27.3	27.5	28.4
TRANSPORTATION EQUIPMENT						
37	Motor vehicles and equipment	280.0	282.6	318.7	320.3	324.3
371	Motor vehicles and equipment	95.9	97.8	127.4	126.9	129.3
3711	Motor vehicles and car bodies	35.0	36.0	48.8	48.3	49.2
3713	Truck and bus bodies	2.5	2.6	3.4	3.5	3.8
3714	Motor vehicle parts and accessories	55.1	55.7	69.1	69.0	69.8
372	Aircraft and parts	112.7	112.5	113.7	114.7	115.2
3721	Aircraft	61.9	62.0	62.7	63.3	63.8
3724	Aircraft engines and engine parts	25.0	24.7	24.4	24.4	24.4
3728	Aircraft equipment, nec	25.8	25.8	26.6	27.0	27.0
373	Ship and boat building and repairing	23.1	23.2	24.0	24.7	25.2
3731	Ship building and repairing	17.6	17.3	16.0	16.5	16.6
374	Railroad equipment	3.4	3.3	3.1	3.2	3.3
376	Guided missiles, space vehicles, parts	32.0	32.4	35.8	35.9	36.0
3761	Guided missiles and space vehicles	26.3	26.5	29.1	29.3	29.3
379	Miscellaneous transportation equipment	8.0	8.4	9.3	9.4	9.6
INSTRUMENTS AND RELATED PRODUCTS						
38	Engineering and scientific instruments	291.0	289.9	299.3	300.0	300.6
381	Engineering and scientific instruments	24.6	24.4	25.1	25.2	25.3
382	Measuring and controlling devices	99.3	99.7	104.1	104.5	105.1
3822	Environmental controls	20.5	20.8	23.2	23.3	23.4
3823	Process control instruments	18.2	18.1	17.8	17.9	18.3
3825	Instruments to measure electricity	45.1	45.3	45.9	46.0	46.3
383	Optical instruments and lenses	11.3	11.1	11.6	11.6	11.6
384	Medical instruments and supplies	85.3	85.3	89.3	89.4	89.4
3841	Surgical and medical instruments	41.5	41.6	44.0	44.0	44.1
3842	Surgical appliances and supplies	36.9	36.8	38.4	38.6	38.6
385	Ophthalmic goods	21.8	21.5	22.8	22.9	22.8
386	Photographic equipment and supplies	38.3	37.6	35.9	35.6	35.6
387	Watches, clocks, and watchcases	10.4	10.3	10.5	10.8	10.8
MISCELLANEOUS MANUFACTURING INDUSTRIES						
39	Jewelry, silverware, and plated ware	161.9	164.1	178.8	172.2	176.0
391	Jewelry, silverware, and plated ware	24.9	24.8	27.6	26.1	25.9
393	Musical instruments	8.5	8.6	9.2	9.3	9.6
394	Toys and sporting goods	48.5	50.8	56.1	54.4	57.4
394.2, 4	Dolls, games, toys, and children's vehicles	24.2	26.4	30.6	29.0	31.3
3949	Sporting and athletic goods, nec	24.3	24.4	25.5	25.4	26.1
395	Pens, pencils, office and art supplies	15.3	15.2	16.2	16.3	16.0
396	Costume jewelry and notions	20.0	20.5	22.9	20.3	20.9
399	Miscellaneous manufactures	44.7	44.2	46.8	45.8	46.2
NONDURABLE GOODS						
FOOD AND KINDRED PRODUCTS						
20	Meat products	472.2	468.7	496.1	479.4	477.8
201	Meat products	111.0	110.8	115.3	111.6	110.0
2011	Meat packing plants	25.8	25.6	26.5	25.6	24.6
2013	Sausages and other prepared meats	21.0	21.2	21.5	20.8	20.6
2016	Poultry dressing plants	56.9	56.7	59.4	57.3	57.2
202	Dairy products	34.5	34.2	35.9	35.1	34.6
2026	Fluid milk	15.2	15.1	15.1	14.6	14.6
203	Preserved fruits and vegetables	83.8	82.8	87.2	83.1	86.2
2032	Canned specialties	8.4	8.3	8.5	7.9	8.1
2033	Canned fruits and vegetables	22.7	22.3	22.2	20.5	21.4
2037	Frozen fruits and vegetables	19.2	19.3	20.2	19.4	20.5
204	Grain mill products	29.0	28.8	28.5	28.7	28.5
205	Bakery products	58.9	58.5	59.6	58.2	58.0
2051	Bread, cake, and related products	38.3	38.1	38.9	37.9	38.0
2052	Cookies and crackers	20.6	20.4	20.7	20.3	20.0
206	Sugar and confectionery products	46.0	44.9	51.7	47.5	44.8
207	Fats and oils	5.2	5.1	5.2	5.3	5.4
208	Beverages	41.0	40.8	42.7	42.1	42.1
2082	Malt beverages	7.7	7.7	8.8	8.8	8.7
2086	Bottled and canned soft drinks	18.5	18.7	18.7	18.5	18.6
209	Misc. foods and kindred products	62.8	62.8	70.0	67.8	68.2
TOBACCO MANUFACTURES						
21	Cigarettes	25.2	23.3	23.1	22.4	21.5
211	Cigarettes	14.2	13.6	13.3	13.6	13.5

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Jan. 1983	Feb. 1983	Dec. 1983	Jan. 1984	Feb. 1984
22	TEXTILE MILL PRODUCTS	341.5	342.5	362.5	360.0	361.6
221	Weaving mills, cotton	52.7	53.2	53.9	53.6	53.1
222	Weaving mills, synthetics	36.8	36.2	37.6	37.6	37.5
223	Weaving and finishing mills, wool	6.3	6.4	7.1	7.1	7.2
224	Narrow fabric mills	12.4	12.4	13.1	13.1	13.2
225	Knitting mills	125.3	126.4	136.6	135.3	136.3
2251	Women's hosiery, except socks	24.7	24.8	28.3	28.5	28.7
2252	Hosiery, nec	21.7	21.7	23.1	23.2	23.5
2253	Knit outerwear mills	40.7	41.1	43.3	42.2	42.6
2254	Knit underwear mills	22.1	22.4	24.0	23.6	23.3
2257	Circular knit fabric mills	9.6	9.9	10.4	10.3	10.6
226	Textile finishing, except wool	19.2	19.2	20.2	20.2	20.5
2261	Finishing plants, cotton	9.1	9.0	9.3	9.1	9.0
2262	Finishing plants, synthetic	4.7	4.8	4.9	5.0	5.0
227	Floor covering mills	19.9	19.9	20.1	19.6	20.4
228	Yarn and thread mills	52.9	52.8	56.5	56.1	55.9
2281	Yarn mills, except wool	34.6	34.7	36.7	36.3	36.1
2282	Throwing and winding mills	9.6	9.5	10.6	10.6	10.6
229	Miscellaneous textile goods	16.0	16.0	17.4	17.4	17.5
23	APPAREL AND OTHER TEXTILE PRODUCTS	915.2	927.5	962.8	959.3	979.1
231	Men's and boys' suits and coats	55.3	54.9	55.1	54.0	54.5
232	Men's and boys' furnishings	266.1	267.8	283.1	282.2	285.6
2321	Men's and boys' shirts and nightwear	76.7	76.9	81.5	81.6	82.5
2327	Men's and boys' separate trousers	54.6	55.0	56.9	56.8	57.3
2328	Men's and boys' work clothing	75.3	75.8	81.8	81.6	82.5
233	Women's and misses' outerwear	321.3	328.7	326.8	329.0	337.5
2331	Women's and misses' blouses and waists	55.8	55.1	54.3	55.4	56.1
2335	Women's and misses' dresses	105.2	110.1	106.7	109.5	112.7
2337	Women's and misses' suits and coats	43.1	44.7	45.2	43.0	44.6
2339	Women's and misses' outerwear, nec	117.2	118.8	120.6	121.1	124.1
234	Women's and children's undergarments	69.0	69.7	75.5	74.4	76.1
2341	Women's and children's underwear	57.5	58.0	63.3	62.2	63.9
2342	Brassieres and allied garments	11.5	11.7	12.2	12.2	12.2
236	Children's outerwear	52.5	53.6	54.8	55.0	56.5
2361	Children's dresses and blouses	23.6	23.7	23.6	23.5	24.2
238	Misc. apparel and accessories	34.5	35.1	35.6	34.3	36.4
239	Misc. fabricated textile products	104.0	104.7	117.5	116.1	117.8
2391	Curtains and draperies	17.5	16.6	19.9	19.7	19.8
2392	House furnishings, nec	31.0	31.5	35.3	34.3	34.6
2396	Automotive and apparel trimmings	16.1	16.3	18.9	18.5	18.8
26	PAPER AND ALLIED PRODUCTS	147.5	147.3	155.4	154.1	155.1
261, 2, 6	Paper and pulp mills	25.8	25.9	27.0	26.8	26.5
262	Paper mills, except building paper	23.3	23.4	24.4	24.2	23.9
263	Paperboard mills	5.3	5.2	5.3	5.4	5.4
264	Misc. converted paper products	73.9	74.2	77.5	77.3	78.4
265	Paperboard containers and boxes	42.5	42.0	45.6	44.6	44.8
27	PRINTING AND PUBLISHING	512.3	513.5	537.9	537.1	539.8
271	Newspapers	161.9	161.8	171.0	169.9	171.0
272	Periodicals	59.2	58.6	60.0	60.4	60.8
273	Books	53.2	53.5	52.7	53.5	54.3
274	Miscellaneous publishing	29.2	29.8	30.4	30.2	30.4
275	Commercial printing	133.6	134.2	145.2	144.7	145.2
2751	Commercial printing, letterpress	48.6	48.8	54.2	54.1	54.2
2752	Commercial printing, lithographic	79.0	79.2	84.4	83.8	84.1
276	Manifold business forms	15.9	15.8	16.4	16.5	16.2
278	Blankbooks and bookbinding	31.9	32.2	32.8	32.9	32.8
279	Printing trade services	13.6	13.9	15.0	15.0	15.1
28	CHEMICALS AND ALLIED PRODUCTS	271.2	273.2	279.6	279.2	281.3
281	Industrial inorganic chemicals	24.7	24.9	25.5	25.6	25.9
2819	Industrial inorganic chemicals, nec	16.7	16.8	17.6	17.6	17.8
282	Plastics materials and synthetics	35.9	35.8	37.9	38.1	38.3
2821	Plastics materials and resins	10.5	10.4	11.3	11.5	11.5
2824	Organic fibers, noncellulosic	18.5	18.7	18.8	18.7	18.8
283	Drugs	86.2	86.1	86.5	86.6	86.9
2834	Pharmaceutical preparations	71.9	71.9	72.1	72.1	72.2
284	Soap, cleaners, and toilet goods	57.3	59.9	62.9	62.1	63.1
2841	Soap and other detergents	9.9	9.9	9.6	9.4	9.6
2844	Toilet preparations	34.9	37.5	40.1	39.2	40.0
285	Paints and allied products	11.6	11.6	11.7	11.8	11.8
286	Industrial organic chemicals	26.2	25.9	25.5	25.4	25.3
2861, 9	Gum, wood, and industrial organic chemicals, nec	22.0	21.7	21.1	21.0	20.9
287	Agricultural chemicals	9.2	9.2	8.8	8.8	9.0
289	Miscellaneous chemical products	20.1	19.8	20.8	20.8	21.0

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Jan. 1983	Feb. 1983	Dec. 1983	Jan. 1984	Feb. 1984
29	PETROLEUM AND COAL PRODUCTS	30.5	30.5	30.1	30.2	30.2
291	Petroleum refining	25.8	25.8	25.4	25.5	25.4
30	RUBBER AND MISC. PLASTICS PRODUCTS	235.5	239.1	268.8	269.3	274.5
301	Tires and inner tubes	8.7	8.6	8.8	8.9	9.1
302	Rubber and plastics footwear	10.5	10.2	10.5	10.5	11.1
303,4	Reclaimed rubber, and rubber and plastics hose and belting	5.3	5.2	6.1	6.1	6.1
306	Fabricated rubber products, nec	32.8	33.0	36.8	37.1	37.9
307	Miscellaneous plastics products	178.2	182.1	206.6	206.7	210.3
31	LEATHER AND LEATHER PRODUCTS	125.7	125.1	127.9	127.0	127.6
311	Leather tanning and finishing	2.6	2.6	2.8	2.8	2.8
314	Footwear, except rubber	87.7	86.8	86.2	86.2	85.7
3143	Men's footwear, except athletic	32.0	31.5	31.8	32.3	31.8
3144	Women's footwear, except athletic	37.1	36.1	36.1	35.8	35.9
316	Luggage	6.2	6.8	7.1	7.0	7.4
317	Handbags and personal leather goods	16.4	16.3	18.1	17.8	18.3
	TRANSPORTATION AND PUBLIC UTILITIES	1,323	1,319	1,359	1,356	1,356
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	78.4	77.8	78.0	78.4	79.5
411	Local and suburban transportation	16.6	16.8	18.3	18.5	19.1
412	Taxicabs	6.1	5.9	6.0	5.8	6.0
413	Intercity highway transportation	4.2	3.9	2.6	4.0	4.0
415	School buses	47.6	47.3	46.7	45.8	46.1
42	TRUCKING AND WAREHOUSING	150.7	148.9	164.7	159.7	159.6
421,3	Trucking and trucking terminals	133.5	132.3	146.9	142.4	142.6
422	Public warehousing	17.2	16.6	17.8	17.3	17.0
44	WATER TRANSPORTATION	24.1	23.6	25.4	24.8	24.9
45	TRANSPORTATION BY AIR	145.3	145.8	147.9	149.5	150.8
451,2	Air transportation	135.3	135.7	137.3	138.9	140.1
46	PIPE LINES, EXCEPT NATURAL GAS	2.8	2.8	2.7	2.8	2.8
47	TRANSPORTATION SERVICES	113.9	112.8	121.8	122.7	125.6
48	COMMUNICATION	614.2	613.9	620.1	619.1	614.5
481	Telephone communication	497.0	494.3	488.4	486.3	480.9
483	Radio and television broadcasting	77.0	78.2	79.3	79.6	80.0
49	ELECTRIC, GAS, AND SANITARY SERVICES	174.1	173.9	178.9	179.1	178.5
491	Electric services	84.8	85.1	88.5	88.7	88.4
492	Gas production and distribution	38.6	38.6	38.4	38.3	38.2
493	Combination utility services	37.7	37.6	39.0	38.9	38.8
495	Sanitary services	7.4	7.1	7.2	7.5	7.5
	WHOLESALE AND RETAIL TRADE	8,972	8,820	9,747	9,247	9,122
50,51	WHOLESALE TRADE	1,363	1,363	1,438	1,425	1,431
50	WHOLESALE TRADE-DURABLE GOODS	747	746	788	789	794
501	Motor vehicles and automotive equipment	87.0	86.0	90.0	90.4	90.5
502	Furniture and home furnishings	44.9	44.6	47.8	47.3	48.2
503	Lumber and construction materials	36.2	37.0	40.2	39.7	39.8
504	Sporting goods, toys, and hobby goods	24.4	24.4	26.0	26.5	27.1
505	Metals and minerals, except petroleum	25.1	25.0	25.0	24.5	24.7
506	Electrical goods	123.3	124.9	135.1	134.6	135.7
507	Hardware, plumbing, and heating equipment	63.7	63.2	65.5	66.0	66.0
508	Machinery, equipment, and supplies	299.6	298.7	314.1	316.2	316.8
509	Miscellaneous durable goods	42.5	42.3	44.5	44.2	44.8
51	WHOLESALE TRADE-NONDURABLE GOODS	616	617	650	636	637
511	Paper and paper products	51.6	51.7	54.5	54.5	54.7
512	Drugs, proprietaries, and sundries	69.2	68.3	70.5	70.8	70.2
513	Apparel, piece goods, and notions	81.0	81.3	86.4	85.5	86.5
514	Groceries and related products	143.0	146.1	159.6	150.5	151.2
516	Chemicals and allied products	39.1	38.7	40.1	40.4	40.4
517	Petroleum and petroleum products	50.9	50.1	52.3	51.5	51.5
518	Beer, wine, and distilled beverages	21.8	21.7	22.5	22.6	22.5
519	Miscellaneous nondurable goods	119.6	120.5	121.8	119.9	121.5

ESTABLISHMENT DATA WOMEN EMPLOYEES

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Jan. 1983	Feb. 1983	Dec. 1983	Jan. 1984	Feb. 1984
52-59	RETAIL TRADE	7,609	7,457	8,309	7,822	7,691
52	BUILDING MATERIALS AND GARDEN SUPPLIES	154.3	154.0	169.5	161.5	162.0
521	Lumber and other building materials	61.9	61.5	68.7	67.3	57.1
525	Hardware stores	55.6	54.6	60.0	58.3	58.1
53	GENERAL MERCHANDISE STORES	1,524.0	1,442.1	1,762.4	1,597.7	1,501.9
531	Department stores	1,290.7	1,218.7	1,500.0	1,367.4	1,281.3
533	Variety stores	159.9	153.3	178.9	157.0	149.5
539	Misc. general merchandise stores	73.4	70.1	83.5	73.3	71.1
54	FOOD STORES	1,091.5	1,085.7	1,157.9	1,123.8	1,121.8
541	Grocery stores	916.9	911.9	959.8	950.2	945.0
542	Meat markets and freezer provisioners	17.6	17.6	17.7	17.4	17.6
546	Retail bakeries	85.0	83.8	90.0	86.6	37.6
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	309.2	305.6	327.6	328.1	325.3
551,2	New and used car dealers	108.4	107.8	115.5	116.2	116.7
553	Auto and home supply stores	49.0	46.8	50.7	50.1	47.5
554	Gasoline service stations	138.3	137.6	145.9	146.8	145.7
56	APPAREL AND ACCESSORY STORES	663.7	638.8	749.0	681.6	659.5
561	Men's and boys' clothing and furnishings	54.6	52.2	61.2	55.1	52.6
562	Women's ready-to-wear stores	305.1	294.7	343.5	315.4	339.1
565	Family clothing stores	134.0	128.5	154.8	133.8	127.6
566	Shoe stores	85.9	81.7	94.0	88.9	86.2
57	FURNITURE AND HOME FURNISHING STORES	208.8	205.9	230.9	222.8	220.8
571	Furniture and home furnishings stores	129.3	127.4	140.1	136.9	136.0
572	Household appliance stores	26.7	26.0	27.3	25.9	25.6
573	Radio, television, and music stores	52.8	52.5	63.5	60.0	59.2
58	EATING AND DRINKING PLACES	2,587.4	2,573.7	2,710.4	2,599.8	2,593.8
59	MISCELLANEOUS RETAIL	1,070.2	1,051.6	1,201.0	1,107.1	1,196.2
591	Drug stores and proprietary stores	313.1	306.9	329.1	320.7	319.7
592	Liquor stores	35.1	34.9	39.0	36.2	36.5
594	Miscellaneous shopping goods stores	391.3	376.9	468.6	407.0	397.9
596	Nonstore retailers	153.7	151.7	174.0	161.1	150.5
598	Fuel and ice dealers	24.2	24.1	24.5	24.2	24.4
599	Retail stores, nec	130.6	134.8	141.6	133.7	143.0
	FINANCE, INSURANCE, AND REAL ESTATE	3,202	3,208	3,318	3,326	3,338
60	BANKING	1,174.1	1,173.0	1,182.4	1,182.5	1,131.2
602	Commercial and stock savings banks	1,076.5	1,075.1	1,081.5	1,081.6	1,080.6
61	CREDIT AGENCIES OTHER THAN BANKS	412.8	414.7	445.4	447.4	450.8
612	Savings and loan associations	214.2	215.2	233.1	233.6	235.0
614	Personal credit institutions	122.9	122.5	128.6	128.8	129.8
62	SECURITY, COMMODITY BROKERS, AND SERVICES	123.8	126.4	141.8	142.4	143.4
621	Security brokers and dealers	99.9	102.2	114.9	115.3	116.2
63	INSURANCE CARRIERS	741.4	738.3	746.4	748.6	750.2
631	Life insurance	297.9	298.4	296.7	296.8	297.3
632	Medical service and health insurance	103.0	103.0	106.5	107.4	108.7
633	Fire, marine, and casualty insurance	290.9	290.2	287.4	288.2	287.4
64	INSURANCE AGENTS, BROKERS, AND SERVICE	301.6	302.1	307.9	310.6	313.5
65	REAL ESTATE	368.2	372.9	408.2	410.2	412.5
651	Real estate operators and lessors	160.3	161.7	182.1	182.7	182.5
653	Real estate agents and managers	162.9	166.0	174.2	175.1	177.4
655	Subdividers and developers	31.7	31.7	34.9	35.6	35.6
66	COMBINED REAL ESTATE, INSURANCE, ETC	10.3	10.2	10.4	10.5	10.7
67	HOLDING AND OTHER INVESTMENT OFFICES	70.1	70.6	75.4	74.0	75.8
-	SERVICES	11,368	11,444	11,973	11,874	12,018
70	HOTELS AND OTHER LODGING PLACES	551.2	559.9	582.0	568.0	579.4
701	Hotels, motels, and tourist courts	535.9	544.8	566.1	553.7	564.8

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	Jan. 1983	Feb. 1983	Dec. 1983	Jan. 1984	Feb. 1984
72	PERSONAL SERVICES	659.3	668.9	656.6	663.8	676.5
721	Laundry, cleaning, and garment services	216.9	213.6	220.2	220.3	218.7
723	Beauty shops	259.2	259.5	273.3	270.8	271.2
726	Funeral service and crematories	21.2	21.5	21.7	21.1	20.8
73	BUSINESS SERVICES	1,475.1	1,467.9	1,748.4	1,727.3	1,740.6
731	Advertising	82.5	82.8	85.1	85.7	86.9
732	Credit reporting and collection	53.6	53.6	57.6	57.9	57.8
733	Mailing, reproduction, stenographic	66.3	66.2	73.8	73.6	74.7
734	Services to buildings	197.9	198.5	212.3	212.3	214.3
736	Personnel supply services	371.7	367.3	540.3	518.7	524.2
737	Computer and data processing services	181.4	185.2	197.8	201.0	205.5
75	AUTO REPAIR, SERVICES, AND GARAGES	100.7	100.7	102.9	103.7	104.7
753	Automotive repair shops	49.6	49.7	49.4	50.8	51.0
76	MISCELLANEOUS REPAIR SERVICES	55.2	54.2	55.0	54.5	54.7
78	MOTION PICTURES	77.2	77.5	79.0	78.2	78.3
781	Motion picture production and services	27.0	27.5	29.1	28.7	29.7
783	Motion picture theaters	44.2	44.1	44.1	43.7	42.8
79	AMUSEMENT AND RECREATION SERVICES	283.3	286.7	313.9	296.6	306.5
80	HEALTH SERVICES	4,792.0	4,786.5	4,930.5	4,895.1	4,907.3
801	Offices of physicians	656.1	654.0	696.9	699.5	704.8
802	Offices of dentists	336.7	336.5	362.3	363.9	364.7
805	Nursing and personal care facilities	956.1	953.8	984.2	983.9	995.6
806	Hospitals	2,445.8	2,442.6	2,421.0	2,416.2	2,415.4
81	LEGAL SERVICES	408.5	411.1	441.9	442.9	446.7
82	EDUCATIONAL SERVICES	653.8	693.5	681.0	636.4	683.9
821	Elementary and secondary schools	218.8	221.6	217.3	216.2	220.0
822	Colleges and universities	366.1	401.3	389.4	349.4	391.7
83	SOCIAL SERVICES	889.0	897.9	960.1	957.3	967.5
89	MISCELLANEOUS SERVICES	360.7	366.3	377.3	385.9	394.2
891	Engineering and architectural services	124.7	125.1	132.2	132.3	132.2
893	Accounting, auditing, and bookkeeping	180.9	185.7	186.9	195.5	202.5
	GOVERNMENT	7,585	7,705	7,828	7,727	7,885
	FEDERAL GOVERNMENT	885	887	956	951	955
	STATE AND LOCAL GOVERNMENT	6,700	6,818	6,872	6,776	6,930
	State government	1,580.1	1,624.2	1,655.7	1,618.0	1,677.6
	Hospitals	305.7	305.4	299.2	298.9	299.9
	State education	673.8	719.3	729.6	686.4	742.6
	General administration including executive, legislative, and judicial functions	392.2	391.7	414.5	419.0	421.7
	Local government	5,120.0	5,193.5	5,216.3	5,157.5	5,252.7
	Transportation and public utilities	88.9	89.1	93.6	94.3	95.6
	Hospitals	519.1	517.9	514.7	514.3	513.0
	Local education	3,402.4	3,471.0	3,468.0	3,412.0	3,500.2
	General administration including executive, legislative, and judicial functions	937.0	940.0	955.1	953.9	959.5

ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

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

[In thousands]

Industry division and group	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. p	Apr. p
TOTAL	89,090	89,421	89,844	90,152	89,748	90,851	91,084	91,355	91,599	91,930	92,357	92,506	92,913
GOODS-PRODUCING	23,159	23,347	23,518	23,724	23,830	23,935	24,168	24,311	24,415	24,617	24,784	24,783	24,966
MINING	997	994	1,003	1,017	1,023	1,026	1,044	1,045	1,047	1,051	1,052	1,053	1,061
CONSTRUCTION	3,786	3,860	3,933	3,974	4,014	4,038	4,060	4,094	4,088	4,177	4,233	4,170	4,244
MANUFACTURING	18,376	18,493	18,582	18,733	18,793	18,871	19,064	19,172	19,280	19,389	19,499	19,560	19,661
DURABLE GOODS	10,689	10,788	10,844	10,961	11,022	11,081	11,235	11,320	11,406	11,477	11,572	11,621	11,683
Lumber and wood products	651	662	679	688	699	703	712	714	715	717	719	726	730
Furniture and fixtures	440	446	450	459	457	459	465	470	473	477	483	486	485
Stone, clay, and glass products	565	570	573	577	582	585	590	590	589	593	602	603	603
Primary metal industries	820	828	830	839	840	849	867	871	881	872	878	876	882
Fabricated metal products	1,369	1,379	1,384	1,391	1,410	1,411	1,430	1,438	1,449	1,458	1,464	1,471	1,474
Machinery, except electrical	2,031	2,064	2,066	2,094	2,109	2,115	2,131	2,158	2,172	2,187	2,203	2,216	2,237
Electric and electronic equipment	1,999	2,010	2,030	2,047	2,043	2,082	2,107	2,128	2,146	2,165	2,191	2,211	2,221
Transportation equipment	1,743	1,757	1,762	1,794	1,807	1,801	1,848	1,862	1,887	1,909	1,928	1,925	1,941
Instruments and related products	690	689	687	687	692	696	699	701	701	706	707	710	710
Miscellaneous manufacturing ind.	381	383	383	385	383	380	386	388	393	393	397	397	400
NONDURABLE GOODS	7,687	7,705	7,738	7,772	7,771	7,790	7,829	7,852	7,874	7,912	7,927	7,939	7,978
Food and kindred products	1,633	1,632	1,643	1,638	1,627	1,630	1,628	1,633	1,632	1,642	1,639	1,637	1,655
Tobacco manufactures	66	66	65	65	62	63	64	61	62	61	61	62	64
Textile mill products	733	736	745	746	752	753	759	758	759	766	764	766	764
Apparel and other textile products	1,149	1,153	1,159	1,180	1,175	1,177	1,191	1,199	1,206	1,210	1,213	1,217	1,222
Paper and allied products	654	656	657	658	659	662	665	666	670	671	674	673	673
Printing and publishing	1,274	1,276	1,281	1,284	1,289	1,290	1,297	1,301	1,303	1,310	1,313	1,317	1,329
Chemicals and allied products	1,058	1,058	1,056	1,059	1,056	1,060	1,061	1,061	1,064	1,065	1,065	1,065	1,069
Petroleum and coal products	199	198	198	197	195	195	193	193	192	192	192	191	192
Rubber and misc. plastic products	707	716	721	732	739	742	753	762	769	777	788	795	795
Leather and leather products	214	214	213	213	217	218	218	218	217	218	218	216	214
SERVICE-PRODUCING	65,931	66,074	66,326	66,428	65,918	66,916	66,916	67,044	67,184	67,313	67,573	67,723	67,947
TRANSPORTATION AND PUBLIC UTILITIES	4,988	4,993	4,992	4,984	4,341	5,031	5,019	5,019	5,015	5,057	5,063	5,073	5,085
WHOLESALE AND RETAIL TRADE	20,329	20,356	20,494	20,529	20,580	20,612	20,666	20,718	20,781	20,860	20,918	20,975	20,990
WHOLESALE TRADE	5,180	5,197	5,222	5,229	5,249	5,274	5,287	5,291	5,313	5,343	5,363	5,382	5,395
RETAIL TRADE	15,149	15,159	15,272	15,300	15,331	15,338	15,379	15,427	15,468	15,517	15,555	15,593	15,595
FINANCE, INSURANCE, AND REAL ESTATE	5,423	5,435	5,451	5,465	5,488	5,499	5,503	5,515	5,525	5,553	5,570	5,580	5,599
SERVICES	19,478	19,546	19,668	19,770	19,835	19,913	19,956	20,016	20,093	20,101	20,249	20,339	20,516
GOVERNMENT	15,713	15,744	15,721	15,680	15,674	15,861	15,772	15,776	15,770	15,742	15,773	15,756	15,757
FEDERAL	2,738	2,756	2,742	2,738	2,746	2,778	2,761	2,763	2,768	2,762	2,760	2,761	2,765
STATE AND LOCAL	12,975	12,988	12,979	12,942	12,928	13,083	13,011	13,013	13,002	12,980	13,013	12,995	12,992

p=preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

[In thousands]

Industry division and group	1983											1984	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
TOTAL	38,977	39,048	39,176	39,306	39,458	39,736	39,556	39,958	40,063	40,182	40,338	40,467	40,688
GOODS-PRODUCING	6,376	6,390	6,433	6,466	6,505	6,561	6,569	6,606	6,664	6,715	6,754	6,801	6,852
MINING	128	127	126	123	122	123	124	124	125	124	125	125	127
CONSTRUCTION	379	380	380	382	384	389	391	396	396	401	403	403	409
MANUFACTURING	5,869	5,883	5,927	5,961	5,999	6,049	6,054	6,086	6,143	6,190	6,226	6,273	6,316
DURABLE GOODS	2,738	2,748	2,769	2,792	2,808	2,842	2,851	2,876	2,913	2,943	2,970	2,995	3,026
Lumber and wood products	94	95	96	97	100	101	101	102	103	104	105	106	107
Furnitures and fixtures	129	131	133	134	135	138	137	137	138	139	141	141	146
Stone, clay, and glass products	107	108	110	111	110	111	111	112	113	114	114	114	115
Primary metal industries	96	96	96	96	97	97	97	99	101	102	104	104	104
Fabricated metal products	295	296	298	301	303	304	308	308	312	315	318	321	324
Machinery, except electrical	445	443	445	451	452	459	464	463	466	473	475	477	481
Electric and electronic equipment	826	831	837	844	851	863	861	881	896	906	914	924	938
Transportation equipment	286	287	291	295	296	301	303	306	311	313	319	324	328
Instruments and related products	291	291	290	289	289	291	294	296	297	299	299	302	302
Miscellaneous manufacturing ind.	169	170	173	174	175	177	175	172	176	178	181	180	181
NONDURABLE GOODS	3,131	3,135	3,158	3,169	3,191	3,207	3,203	3,210	3,230	3,247	3,256	3,278	3,290
Food and kindred products	498	497	505	505	513	507	498	498	496	503	503	506	507
Tobacco manufactures	23	23	23	23	23	22	21	22	22	21	22	22	22
Textile mill products	345	348	349	350	355	355	357	358	361	360	361	364	365
Apparel and other textile products	928	924	929	933	937	954	950	952	964	970	971	977	979
Paper and allied products	149	150	151	151	152	153	153	154	155	155	156	156	157
Printing and publishing	513	515	518	520	523	524	526	527	530	532	534	538	539
Chemicals and allied products	275	275	276	276	277	278	278	280	280	280	281	282	283
Petroleum and coal products	31	31	31	30	30	30	30	30	30	30	30	31	31
Rubber and misc. plastics products	241	244	249	253	254	257	262	260	263	266	269	272	277
Leather and leather products	128	128	127	128	127	127	128	129	129	130	129	130	130
SERVICE-PRODUCING	32,601	32,658	32,743	32,840	32,953	33,175	32,987	33,352	33,399	33,467	33,584	33,666	33,836
TRANSPORTATION AND PUBLIC UTILITIES	1,328	1,328	1,332	1,329	1,333	1,326	1,021	1,346	1,343	1,342	1,348	1,361	1,366
WHOLESALE AND RETAIL TRADE ..	9,068	9,088	9,094	9,099	9,167	9,208	9,225	9,216	9,247	9,274	9,295	9,345	9,380
WHOLESALE TRADE	1,375	1,372	1,377	1,381	1,396	1,401	1,408	1,412	1,414	1,420	1,427	1,436	1,443
RETAIL TRADE	7,693	7,716	7,717	7,718	7,771	7,807	7,817	7,804	7,833	7,854	7,868	7,909	7,937
FINANCE, INSURANCE, AND REAL ESTATE	3,220	3,227	3,251	3,255	3,263	3,277	3,287	3,304	3,305	3,312	3,321	3,343	3,351
SERVICES	11,500	11,536	11,603	11,654	11,708	11,759	11,802	11,852	11,882	11,905	11,985	11,982	12,078
GOVERNMENT	7,485	7,479	7,463	7,503	7,482	7,605	7,652	7,634	7,622	7,634	7,635	7,635	7,661
FEDERAL	891	902	910	928	935	947	951	965	963	963	963	959	959
STATE AND LOCAL	6,594	6,577	6,553	6,575	6,547	6,658	6,701	6,669	6,659	6,671	6,672	6,676	6,702

ESTABLISHMENT DATA

SEASONALLY ADJUSTED EMPLOYMENT

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

(In thousands)

Industry division and group	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. ^{-P}	Apr. ^P
TOTAL PRIVATE	59,150	59,462	59,871	60,182	59,751	60,607	60,886	61,118	61,323	61,610	61,927	62,036	62,275
GOODS-PRODUCING	16,016	16,183	16,349	16,538	16,626	16,705	16,926	17,060	17,140	17,316	17,452	17,426	17,592
MINING	701	699	710	721	724	728	741	742	745	750	749	749	759
CONSTRUCTION	2,880	2,953	3,024	3,061	3,099	3,118	3,142	3,171	3,165	3,244	3,301	3,226	3,287
MANUFACTURING	12,435	12,531	12,615	12,756	12,803	12,859	13,043	13,147	13,230	13,322	13,402	13,451	13,546
DURABLE GOODS	7,035	7,115	7,169	7,278	7,329	7,378	7,522	7,601	7,665	7,725	7,801	7,838	7,894
Lumber and wood products	540	550	566	575	584	588	597	600	601	602	603	611	612
Furniture and fixtures	349	354	357	365	364	365	371	376	378	382	387	390	391
Stone, clay, and glass products	429	434	436	440	446	448	453	454	452	454	464	463	462
Primary metal industries	608	615	616	625	629	636	653	660	668	660	667	667	673
Fabricated metal products	987	996	1,003	1,009	1,023	1,025	1,044	1,049	1,060	1,069	1,074	1,080	1,085
Machinery, except electrical	1,175	1,201	1,204	1,227	1,241	1,247	1,262	1,287	1,297	1,312	1,327	1,340	1,355
Electric and electronic equipment	1,204	1,213	1,226	1,242	1,238	1,270	1,292	1,310	1,319	1,333	1,350	1,366	1,376
Transportation equipment	1,085	1,093	1,103	1,134	1,141	1,134	1,176	1,188	1,211	1,231	1,244	1,236	1,251
Instruments and related products	384	384	382	382	386	391	394	395	393	395	396	397	397
Miscellaneous manufacturing ind.	274	275	276	279	277	274	280	282	286	287	289	288	292
NONDURABLE GOODS	5,400	5,416	5,446	5,478	5,474	5,481	5,521	5,546	5,565	5,597	5,601	5,613	5,652
Food and kindred products	1,126	1,126	1,136	1,133	1,120	1,120	1,120	1,127	1,126	1,138	1,131	1,132	1,149
Tobacco manufactures	51	51	50	50	47	48	49	46	48	46	46	47	49
Textile mill products	631	634	643	643	650	650	655	656	658	664	662	664	663
Apparel and other textile products	972	976	980	999	994	995	1,009	1,016	1,022	1,027	1,029	1,030	1,039
Paper and allied products	488	491	491	494	492	495	498	499	503	504	506	507	507
Printing and publishing	699	701	705	705	708	708	714	719	719	723	723	726	732
Chemicals and allied products	587	585	586	589	588	589	591	592	594	595	596	593	597
Petroleum and coal products	122	120	119	119	118	117	116	115	114	112	113	112	115
Rubber and misc. plastics products	546	554	558	568	575	576	586	593	599	605	613	621	621
Leather and leather products	178	178	178	178	182	183	183	183	182	183	182	181	180
SERVICE-PRODUCING	43,134	43,279	43,522	43,644	43,125	43,902	43,960	44,058	44,183	44,294	44,475	44,610	44,683
TRANSPORTATION AND PUBLIC UTILITIES	4,106	4,111	4,110	4,103	3,461	4,143	4,135	4,129	4,130	4,162	4,159	4,168	4,184
WHOLESALE AND RETAIL TRADE ..	17,754	17,797	17,910	17,958	18,000	18,018	18,052	18,096	18,141	18,200	18,245	18,288	18,297
WHOLESALE TRADE	4,165	4,182	4,203	4,207	4,225	4,250	4,256	4,259	4,274	4,302	4,313	4,326	4,348
RETAIL TRADE	13,589	13,615	13,707	13,751	13,775	13,768	13,796	13,837	13,867	13,898	13,932	13,962	13,949
FINANCE, INSURANCE, AND REAL ESTATE	4,037	4,049	4,065	4,071	4,090	4,095	4,099	4,108	4,118	4,133	4,142	4,154	4,170
SERVICES	17,237	17,322	17,437	17,512	17,574	17,646	17,674	17,725	17,794	17,799	17,929	18,000	18,032

¹ For coverage of series, see footnote 1, table B-2.

p = preliminary.

ESTABLISHMENT DATA

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

Time span	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Over 1-month span	1982.....	28.5	45.4	36.0	39.0	47.6	32.8	38.4	37.1	34.1	29.3	32.0	42.2
	1983.....	56.5	45.7	62.4	69.1	71.0	64.5	68.5	68.0	60.8	70.7	64.5	64.0
	1984.....	66.9	72.0	66.9p	68.5p								
Over 3-month span	1982.....	25.3	28.8	32.0	34.1	32.5	33.6	27.2	27.2	26.1	25.5	24.7	40.6
	1983.....	45.4	55.1	65.6	75.8	76.1	77.2	73.9	79.6	79.6	74.2	72.0	75.0
	1984.....	79.3	80.1p	79.0p									
Over 6-month span	1982.....	20.2	23.7	25.3	29.8	26.1	26.1	23.4	19.1	21.2	26.1	26.6	35.8
	1983.....	50.5	63.2	73.4	76.3	79.3	83.6	82.5	80.4	82.0	84.1	83.1	80.9p
	1984.....	81.5p											
Over 12-month span	1982.....	22.0	20.7	18.0	19.4	18.3	20.7	20.7	22.8	24.2	31.5	37.6	44.1
	1983.....	48.9	58.3	62.6	73.4	76.1	81.2	84.4	88.4	85.8p	87.4p		
	1984.....												

¹ Number of employees, seasonally adjusted for 1, 3, and 6 month spans, on payrolls of 186 private nonagricultural industries.
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 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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
Alabama	1,294.4	1,329.7	1,334.0	13.5	13.8	13.9	54.2	60.7	61.0
Birmingham	331.1	337.9	339.0	7.4	7.2	7.2	17.4	18.8	19.2
Huntsville	127.9	135.4	135.8	(¹)	(¹)	(¹)	3.5	4.1	4.4
Mobile	141.2	145.8	146.4	(¹)	(¹)	(¹)	8.6	9.6	9.5
Montgomery	104.3	107.8	108.4	(¹)	(¹)	(¹)	5.2	6.1	6.2
Tuscaloosa	48.6	50.9	51.1	1.8	2.4	2.4	1.7	1.8	1.9
Alaska	197.4	202.1	205.3	8.3	8.2	8.3	15.1	15.0	15.5
Arizona	1,050.6	1,120.4	1,132.6	14.4	14.2	13.2	69.4	83.5	86.3
Phoenix	674.2	729.0	738.8	.6	.6	.7	48.5	58.4	60.2
Tucson	194.6	206.6	208.4	3.8	3.6	3.6	12.5	16.8	17.4
Arkansas	721.2	758.4	765.0	5.3	5.3	5.3	27.6	26.9	27.6
Fayetteville-Springdale	66.3	68.9	69.7	(¹)	(¹)	(¹)	2.1	2.4	2.4
Fort Smith	65.8	70.5	70.9	1.2	1.2	1.2	2.4	2.7	2.7
Little Rock-North Little Rock	178.1	184.5	185.1	(¹)	(¹)	(¹)	8.0	8.1	8.2
Pine Bluff	29.1	30.0	30.4	(¹)	(¹)	(¹)	1.1	.9	1.0
California	9,775.9	10,108.9	10,185.0	46.3	46.4	47.0	324.4	366.8	374.2
Anaheim-Santa Ana-Garden Grove	846.9	878.2	887.2	3.6	3.4	3.4	30.5	35.4	36.8
Bakersfield	137.5	141.5	142.4	13.6	14.3	14.4	6.9	6.5	6.5
Fresno	172.2	174.1	178.0	.9	1.2	1.2	7.9	8.5	8.8
Los Angeles-Long Beach	3,519.5	3,601.4	3,629.0	12.5	12.5	12.5	91.0	97.4	99.0
Modesto	81.5	82.4	83.3	.1	.1	.1	3.5	3.9	4.0
Oxnard-Simi Valley-Ventura	162.4	165.9	166.0	3.4	3.3	3.3	5.3	6.3	6.3
Riverside-San Bernardino-Ontario	436.5	445.5	448.3	1.2	1.2	1.2	19.5	21.2	21.5
Sacramento	406.8	421.8	423.4	.7	.8	.8	13.5	17.5	17.9
Salinas-Seaside-Monterey	87.5	91.2	91.4	.4	.4	.4	2.7	3.2	3.2
San Diego	666.3	692.4	697.2	.5	.5	.5	27.3	34.3	34.8
San Francisco-Oakland	1,541.1	1,558.0	1,567.8	4.4	4.5	4.6	57.4	58.1	59.4
San Jose	699.9	727.6	730.5	.1	.1	.1	20.1	25.2	25.6
Santa Barbara-Santa Maria-Lompoc	122.1	124.9	125.6	1.6	1.5	1.5	4.1	4.4	4.4
Santa Rosa	93.6	97.0	97.4	.6	.6	.6	3.5	3.9	3.9
Stockton	115.8	116.7	118.0	.1	.1	.1	5.2	5.8	6.0
Vallejo-Fairfield-Napa	100.7	101.7	102.0	.4	.4	.4	4.0	4.1	4.4
Colorado	1,303.9	1,336.6	1,346.4	36.5	36.7	37.0	74.8	78.7	80.8
Denver-Boulder	841.4	863.7	868.8	26.1	25.7	25.3	46.1	47.8	48.8
Connecticut	1,412.2	1,447.4	1,457.8	1.4	1.2	1.2	45.1	47.5	49.2
Bridgeport	164.0	164.7	165.8	(¹)	(¹)	(¹)	4.0	4.0	4.4
Hartford	398.4	402.4	404.0	.1	(¹)	(¹)	10.5	10.9	11.2
New Britain	58.4	58.7	59.0	(¹)	(¹)	(¹)	1.8	1.8	2.0
New Haven-West Haven	185.5	192.9	194.7	.2	.2	.2	5.4	5.5	5.6
Stamford	110.9	111.7	112.6	.8	.7	.7	4.2	4.2	4.3
Waterbury	83.6	85.8	86.4	(¹)	(¹)	(¹)	2.4	2.3	2.4
Delaware	258.3	263.7	266.6	.1	.1	.1	15.5	14.9	15.7
Wilmington	229.2	233.3	235.7	.2	.2	.2	17.5	17.5	18.1
District of Columbia	588.4	589.5	591.9	.1	.1	.1	9.4	10.1	10.2
Washington SMSA	1,610.5	1,652.5	1,665.6	1.0	1.0	1.0	67.2	77.3	78.8
Florida	3,856.2	4,085.5	4,109.5	9.3	10.1	10.1	246.8	293.9	296.4
Daytona Beach	66.7	69.8	90.6	(¹)	(¹)	(¹)	4.5	5.1	5.4
Fort Lauderdale-Hollywood	374.1	384.5	385.1	(¹)	(¹)	(¹)	25.7	27.3	27.3
Fort Myers-Cape Coral	78.7	81.6	82.0	(¹)	(¹)	(¹)	8.2	9.0	9.0
Gainesville	72.2	72.9	73.1	(¹)	(¹)	(¹)	3.9	4.3	4.3
Jacksonville	311.1	319.0	320.7	(¹)	(¹)	(¹)	19.5	20.1	20.2
Lakeland-Winter Haven	120.1	118.7	118.9	4.5	4.6	4.6	7.1	6.3	6.3
Melbourne-Titusville-Cocoa	114.5	122.5	123.6	(¹)	(¹)	(¹)	6.1	7.8	7.9
Miami	737.4	750.2	752.5	(¹)	(¹)	(¹)	35.7	39.5	39.9
Orlando	337.5	353.3	356.2	(¹)	(¹)	(¹)	23.0	25.0	25.6
Pensacola	104.4	108.8	109.3	(¹)	(¹)	(¹)	7.3	8.0	8.2
Sarasota	80.6	83.9	84.1	(¹)	(¹)	(¹)	7.3	8.4	8.7
Tallahassee	77.3	78.6	79.1	(¹)	(¹)	(¹)	3.3	4.0	4.1
Tampa-St. Petersburg	814.0	826.4	828.2	(¹)	(¹)	(¹)	40.0	44.3	44.7
West Palm Beach-Boca Raton	239.8	249.9	250.4	(¹)	(¹)	(¹)	18.6	20.3	20.5

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
Alabama	329.7	345.2	346.8	68.8	71.3	71.5	262.9	272.9	274.3
Birmingham	48.7	49.5	49.9	28.3	29.1	29.2	78.4	79.9	80.2
Huntsville	40.3	44.9	45.3	2.7	2.7	2.7	22.6	23.6	23.8
Mobile	24.9	24.9	24.9	9.5	9.6	9.6	35.3	37.2	37.8
Montgomery	15.0	15.8	15.9	4.2	4.2	4.2	23.0	24.7	24.9
Tuscaloosa	7.2	8.0	8.0	1.7	1.6	1.6	9.9	10.3	10.3
Alaska	8.9	7.1	8.3	17.3	17.4	17.6	38.3	42.1	42.0
Arizona	150.9	162.7	164.5	56.3	58.5	59.1	253.4	268.1	269.4
Phoenix	108.8	117.7	119.2	35.7	37.7	38.2	171.0	182.3	183.6
Tucson	25.8	27.6	27.7	8.7	8.9	9.0	42.1	43.9	43.8
Arkansas	190.5	206.6	208.5	41.9	44.1	44.3	156.9	165.8	167.9
Fayetteville-Springdale	19.0	19.5	19.7	4.2	4.6	4.7	15.6	16.2	16.4
Fort Smith	20.0	23.4	23.6	3.5	3.6	3.6	14.4	15.0	15.1
Little Rock-North Little Rock	25.2	26.1	26.1	13.0	13.5	13.5	41.9	43.8	44.0
Pine Bluff	5.4	5.7	5.7	3.1	3.3	3.4	5.7	5.8	5.8
California	1,890.5	1,965.5	1,979.0	529.6	508.4	510.5	2,263.5	2,391.4	2,410.0
Anaheim-Santa Ana-Garden Grove	205.8	215.3	216.9	29.4	28.4	28.7	209.6	221.2	221.5
Bakersfield	9.4	9.3	9.4	7.6	7.8	7.8	34.7	36.3	36.4
Fresno	19.0	20.0	20.6	9.6	9.1	9.1	44.1	45.3	45.7
Los Angeles-Long Beach	845.1	871.3	875.2	193.8	187.1	188.2	791.7	826.2	830.1
Modesto	16.8	17.8	18.3	3.9	3.7	3.6	21.0	21.0	21.1
Oxnard-Simi Valley-Ventura	25.3	25.1	25.1	6.8	7.1	7.1	39.5	41.4	41.4
Riverside-San Bernardino-Ontario	57.0	56.2	57.2	25.0	25.1	25.0	110.0	114.6	115.3
Sacramento	25.6	28.3	28.7	21.7	20.4	20.3	95.1	99.8	100.1
Salinas-Seaside-Monterey	7.8	8.4	8.8	4.4	4.4	4.4	23.0	23.7	23.7
San Diego	103.8	109.7	110.1	29.6	28.6	28.7	156.7	163.1	163.7
San Francisco-Oakland	184.4	180.3	181.8	123.8	125.0	125.6	353.8	367.4	368.8
San Jose	256.9	264.9	265.9	21.2	19.4	19.5	127.3	137.7	137.7
Santa Barbara-Santa Maria-Lompoc	19.9	21.2	21.4	5.0	5.3	5.3	29.4	29.5	29.5
Santa Rosa	14.6	15.9	16.2	4.5	4.5	4.5	23.6	24.1	24.0
Stockton	17.9	18.2	18.8	7.3	7.3	7.4	26.7	27.3	27.4
Vallejo-Fairfield-Napa	9.6	9.6	9.5	4.1	3.9	4.0	21.9	22.9	23.0
Colorado	175.7	184.0	184.0	83.9	84.5	84.4	316.8	323.6	326.7
Denver-Boulder	120.4	126.4	126.2	60.9	62.0	61.9	202.2	207.1	208.7
Connecticut	400.7	411.1	412.7	60.5	62.4	62.1	298.9	306.2	308.7
Bridgeport	58.2	59.4	59.3	6.5	6.5	6.6	34.8	35.0	35.0
Hartford	87.1	87.7	87.5	13.9	14.3	14.3	83.0	83.1	83.4
New Britain	23.7	24.2	24.3	3.2	3.0	3.0	10.3	10.5	10.6
New Haven-West Haven	38.5	39.0	39.2	14.7	15.6	15.7	40.6	44.2	44.7
Stamford	31.2	30.9	31.0	4.3	4.1	4.1	24.2	24.7	24.9
Waterbury	28.5	29.5	30.1	3.2	3.4	3.4	15.8	16.3	16.4
Delaware	66.7	67.1	67.2	12.0	11.8	11.8	54.2	56.7	57.1
Wilmington	59.6	58.9	59.0	11.6	11.4	11.5	46.0	47.6	47.6
District of Columbia	14.4	14.5	14.5	25.5	24.6	24.7	56.9	56.6	56.9
Washington SMSA	62.8	68.2	68.8	74.0	77.2	76.9	303.0	312.1	314.7
Florida	452.1	493.1	493.7	231.9	228.4	229.3	1,025.1	1,106.0	1,111.4
Daytona Beach	9.1	10.5	10.6	3.4	3.2	3.2	25.0	24.9	25.1
Fort Lauderdale-Hollywood	40.4	43.6	43.6	18.8	18.3	18.3	109.5	113.1	113.2
Fort Myers-Cape Coral	4.0	4.3	4.3	4.4	4.3	4.6	23.9	24.3	24.4
Gainesville	4.3	4.8	4.8	1.6	1.6	1.6	15.4	15.1	14.8
Jacksonville	32.1	32.6	32.6	25.0	25.5	25.8	81.2	83.5	83.9
Lakeland-Winter Haven	21.0	21.4	21.0	5.4	5.3	5.4	30.7	30.7	30.8
Melbourne-Titusville-Cocoa	24.7	27.4	27.7	5.0	5.0	5.1	25.5	27.9	28.3
Miami	90.3	93.7	94.2	69.9	68.7	68.9	191.0	190.9	191.5
Orlando	39.7	43.0	42.5	16.5	16.6	16.6	93.3	97.4	98.5
Pensacola	12.3	12.9	13.0	5.9	6.0	6.1	24.6	26.7	27.0
Sarasota	5.9	6.5	6.6	3.3	3.3	3.2	25.2	25.9	25.6
Tallahassee	3.0	3.2	3.2	2.6	2.7	2.7	16.8	17.7	17.8
Tampa-St. Petersburg	78.3	80.2	80.5	34.6	33.6	33.6	168.3	169.3	169.6
West Palm Beach-Boca Raton	29.6	33.4	33.1	10.0	10.1	10.1	63.9	66.3	66.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
Alabama	58.9	60.0	60.2	215.3	218.3	219.2	291.1	288.0	287.1
Birmingham	23.3	24.0	24.1	72.1	73.5	73.9	55.5	55.9	55.3
Huntsville	3.6	3.6	3.6	19.4	20.0	20.1	35.8	36.5	35.9
Mobile	7.0	7.1	7.0	30.6	31.2	31.4	25.3	26.2	26.2
Montgomery	6.2	6.3	6.4	21.2	21.6	21.6	29.5	29.1	29.2
Tuscaloosa	1.5	1.6	1.6	6.9	6.8	6.9	17.9	18.4	18.4
Alaska	9.9	10.6	10.8	37.7	37.9	38.6	61.9	63.8	64.2
Arizona	63.7	67.7	68.5	232.6	252.6	255.4	209.9	213.1	216.2
Phoenix	49.9	52.9	53.7	155.4	172.3	174.4	104.3	107.1	108.8
Tucson	8.7	9.6	9.6	45.5	47.8	48.0	47.5	48.4	49.3
Arkansas	33.2	34.0	34.3	125.2	132.4	133.8	140.6	143.3	143.5
Fayetteville-Springdale	2.3	2.4	2.5	9.9	10.1	10.2	13.2	13.7	13.8
Fort Smith	2.6	2.6	2.7	12.2	12.5	12.4	9.5	9.5	9.6
Little Rock-North Little Rock	13.5	13.4	13.5	38.6	40.6	40.8	37.9	39.0	39.0
Pine Bluff	1.3	1.4	1.4	5.6	5.7	5.8	6.9	7.2	7.3
California	646.3	667.4	669.3	2,314.6	2,410.3	2,432.0	1,760.7	1,752.7	1,763.0
Anaheim-Santa Ana-Garden Grove	62.1	65.5	66.2	198.9	204.3	207.1	107.0	104.7	108.6
Bakersfield	5.4	5.7	5.7	26.4	27.9	27.9	33.5	33.7	34.3
Fresno	11.7	12.1	12.3	37.7	38.3	38.9	41.3	39.6	41.4
Los Angeles-Long Beach	233.3	239.3	240.5	876.0	904.1	915.9	476.1	463.5	467.6
Modesto	3.5	3.7	3.7	17.0	17.0	17.2	15.7	15.2	15.3
Oxnard-Simi Valley-Ventura	10.6	10.7	10.5	33.2	34.3	34.6	38.3	37.7	37.7
Riverside-San Bernardino-Ontario	19.2	19.7	19.7	100.4	102.7	102.7	104.2	104.8	105.7
Sacramento	22.9	23.7	23.7	80.9	84.5	85.0	146.2	146.8	148.9
Salinas-Seaside-Monterey	4.2	4.5	4.5	20.6	21.6	21.6	24.4	25.0	24.8
San Diego	44.3	46.6	48.7	161.2	166.6	168.5	142.9	143.0	144.2
San Francisco-Oakland	152.0	152.2	152.2	379.1	386.5	390.1	286.2	284.0	285.3
San Jose	28.9	29.3	29.2	166.3	173.5	175.0	79.1	77.5	77.5
Santa Barbara-Santa Maria-Lompoc	6.0	6.4	6.4	31.3	31.9	32.0	24.8	24.7	25.1
Santa Rosa	6.3	6.4	6.4	20.3	21.5	21.7	20.2	20.1	20.1
Stockton	6.1	6.1	6.1	24.8	24.3	24.6	27.7	27.6	27.6
Vallejo-Fairfield-Napa	3.7	3.7	3.7	21.2	21.7	21.7	35.8	35.4	35.3
Colorado	85.3	88.8	87.3	284.5	295.2	298.3	246.5	247.1	247.9
Denver-Boulder	60.8	62.2	62.7	186.8	194.2	196.4	138.0	138.3	138.7
Connecticut	114.6	119.6	120.0	304.6	313.8	316.8	186.4	185.6	187.1
Bridgeport	8.1	8.2	8.1	35.9	35.1	35.9	16.5	16.5	16.5
Hartford	65.9	68.8	68.9	83.3	84.4	85.1	54.6	53.2	53.6
New Britain	1.9	1.9	1.9	10.9	11.1	11.0	6.6	6.2	6.2
New Haven-West Haven	11.2	11.9	12.0	50.7	53.2	53.6	24.2	23.3	23.7
Stamford	6.5	8.7	8.8	27.4	28.0	28.4	10.3	10.4	10.4
Waterbury	3.8	3.9	3.9	18.4	18.5	18.7	11.5	11.5	11.5
Delaware	14.9	16.0	16.1	50.7	53.3	54.2	44.2	43.7	44.4
Wilmington	13.7	14.7	14.8	45.4	47.7	48.5	35.0	35.3	36.0
District of Columbia	33.7	33.4	33.5	192.9	192.0	192.6	255.5	258.2	259.4
Washington SMSA	92.7	93.3	93.7	479.5	493.6	498.0	530.3	529.8	533.7
Florida	279.4	301.5	302.5	963.5	1,005.1	1,013.1	648.1	647.4	653.0
Daytona Beach	5.1	5.5	5.5	24.1	24.4	24.6	15.5	16.2	16.2
Fort Lauderdale-Hollywood	32.7	34.3	34.3	97.4	97.2	97.6	49.6	50.7	50.8
Fort Myers-Cape Coral	6.7	6.8	6.8	18.9	19.7	19.7	12.6	13.2	13.2
Gainesville	3.3	2.9	3.0	15.1	14.5	14.4	28.6	29.7	30.2
Jacksonville	28.8	28.8	29.0	72.1	74.6	75.0	52.4	53.9	54.2
Lakeland-Winter Haven	7.3	7.3	7.3	26.4	27.4	27.5	17.7	15.7	16.0
Melbourne-Titusville-Cocoa	4.1	4.4	4.5	29.8	30.6	30.7	19.3	19.4	19.4
Miami	60.1	61.5	61.6	192.1	197.8	197.4	98.3	98.1	99.0
Orlando	22.0	22.5	22.6	98.0	101.1	102.3	45.0	47.7	48.1
Pensacola	4.2	4.2	4.2	23.8	24.1	23.9	26.3	26.9	26.9
Sarasota	7.1	7.3	7.4	21.5	21.8	21.8	10.3	10.7	10.8
Tallahassee	3.8	3.7	3.7	15.1	15.5	15.4	32.7	31.8	32.2
Tampa-St. Petersburg	45.4	47.4	47.4	160.9	165.9	166.4	86.5	85.7	86.0
West Palm Beach-Boca Raton	20.4	20.6	20.6	65.0	66.4	66.6	32.3	32.8	33.1

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	Total			Mining			Construction		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
Georgia	2,219.2	2,318.2	2,343.4	7.2	7.7	7.8	99.7	115.8	121.5
Albany	43.6	44.4	44.6	(¹)	(¹)	(¹)	1.8	1.8	1.7
Athens	54.1	55.6	55.8	(¹)	(¹)	(¹)	1.4	1.9	1.9
Atlanta	1,029.4	1,084.8	1,093.2	(¹)	(¹)	(¹)	45.1	53.1	54.3
Augusta	125.2	125.9	127.0	(¹)	(¹)	(¹)	7.4	6.8	7.3
Columbus	79.5	82.8	83.0	(¹)	(¹)	(¹)	3.7	4.9	5.0
Macon	100.3	102.4	102.4	(¹)	(¹)	(¹)	4.0	4.5	4.4
Savannah	88.1	91.5	91.8	(¹)	(¹)	(¹)	4.6	5.5	5.4
Hawaii	406.6	405.7	407.0	(¹)	(¹)	(¹)	18.2	17.4	17.2
Honolulu	330.7	330.9	332.1	(¹)	(¹)	(¹)	14.7	14.5	14.4
Idaho	307.8	318.4	320.3	3.7	4.1	4.1	10.8	10.7	11.2
Boise City	76.1	76.8	76.9	(¹)	(¹)	(¹)	4.4	4.4	4.4
Illinois	4,458.7	4,479.3	4,500.3	23.8	23.1	23.5	127.8	118.7	125.1
Bloomington-Normal	50.3	51.0	51.6	(¹)	(¹)	(¹)	.8	.7	.8
Champaign-Urbana-Rantoul	74.3	75.1	74.9	(¹)	(¹)	(¹)	1.5	1.4	1.5
Chicago-Gary	3,208.9	3,191.0	3,210.4	3.0	3.1	3.3	97.6	90.0	97.1
Chicago SMSA	2,994.2	2,981.7	3,001.3	2.9	3.0	3.2	88.4	81.9	88.8
Davenport-Rock Island-Moline	144.9	145.5	146.2	(¹)	(¹)	(¹)	5.1	5.0	5.1
Decatur	49.0	51.9	52.0	(¹)	(¹)	(¹)	1.9	1.9	1.9
Kankakee	31.1	31.2	31.4	(¹)	(¹)	(¹)	1.1	.9	.9
Peoria	117.8	128.7	128.7	(¹)	(¹)	(¹)	5.5	5.7	5.7
Rockford	107.2	111.3	111.6	(¹)	(¹)	(¹)	2.5	2.7	2.8
Springfield	86.0	86.5	86.6	(¹)	(¹)	(¹)	2.1	2.4	2.3
Indiana	1,972.3	2,011.4	2,024.0	9.5	8.7	9.0	63.9	59.2	60.6
Anderson	43.1	45.7	(¹)	(¹)	(¹)	(¹)	.9	.9	(¹)
Elkhart	73.5	81.1	(¹)	(¹)	(¹)	(¹)	1.4	1.7	(¹)
Evansville	115.9	122.4	(¹)	2.7	2.6	(¹)	5.1	5.4	(¹)
Fort Wayne	155.0	156.8	(¹)	(¹)	(¹)	(¹)	4.8	4.5	(¹)
Gary-Hammond-East Chicago	214.7	209.4	(¹)	(¹)	(¹)	(¹)	9.2	8.1	(¹)
Indianapolis	495.4	(¹)	(¹)	(¹)	(¹)	(¹)	17.0	(¹)	(¹)
Lafayette-West Lafayette	55.3	57.5	(¹)	(¹)	(¹)	(¹)	1.2	1.2	(¹)
Muncie	44.2	(¹)	(¹)	(¹)	(¹)	(¹)	1.1	(¹)	(¹)
South Bend	105.2	108.3	(¹)	(¹)	(¹)	(¹)	3.0	3.4	(¹)
Terre Haute	57.5	(¹)	(¹)	1.2	(¹)	(¹)	2.1	(¹)	(¹)
Iowa	1,011.5	1,016.0	1,020.4	1.5	1.5	1.7	27.3	25.2	25.9
Cedar Rapids	75.3	73.6	74.1	.1	.1	.1	2.3	1.9	2.1
Des Moines	170.2	171.2	172.1	(¹)	(¹)	(¹)	4.6	4.8	4.9
Dubuque	36.1	37.6	38.2	(¹)	(¹)	(¹)	.9	.8	.8
Sioux City	45.9	45.8	46.3	(¹)	(¹)	(¹)	1.4	1.2	1.2
Waterloo-Cedar Falls	56.6	54.8	55.0	(¹)	(¹)	(¹)	1.2	1.1	1.0
Kansas	907.0	924.0	928.8	16.9	17.4	17.1	36.5	36.1	37.2
Lawrence	27.7	27.4	27.4	(¹)	(¹)	(¹)	.7	.7	.7
Topeka	82.5	83.0	83.7	.1	.1	.2	2.8	2.6	2.5
Wichita	186.8	196.6	197.7	3.3	3.3	3.2	7.7	8.1	8.4
Kentucky	1,132.8	1,158.9	1,165.5	42.0	40.6	41.5	41.4	45.5	46.5
Lexington-Fayette	143.9	146.9	146.3	(¹)	(¹)	(¹)	5.8	6.5	6.4
Louisville	361.9	365.3	368.2	(¹)	(¹)	(¹)	13.0	15.2	15.9
Owensboro	29.6	30.8	31.0	.9	1.0	1.0	1.5	1.6	1.6
Louisiana	1,551.7	1,562.5	1,566.9	82.9	80.0	78.6	111.1	111.8	113.9
Alexandria	52.6	54.0	54.2	(¹)	(¹)	(¹)	3.1	3.2	3.4
Baton Rouge	204.1	208.4	208.3	1.1	.9	.9	20.9	19.8	20.4
Lafayette	89.6	88.1	88.8	17.6	17.0	17.6	5.4	5.0	4.9
Lake Charles	61.3	58.8	58.9	2.4	2.4	2.4	6.7	4.8	4.7
Monroe	51.5	50.3	49.5	.6	.6	.5	2.9	2.7	2.5
New Orleans	502.0	505.5	506.3	19.2	18.5	18.4	29.0	32.5	32.9
Shreveport	145.2	147.2	148.4	6.4	6.4	6.2	8.5	8.5	8.8
Maine	402.7	411.6	414.0	.1	.1	.1	12.8	13.4	13.4
Lewiston-Auburn	32.5	33.1	33.5	(¹)	(¹)	(¹)	1.1	1.1	1.1
Portland	92.2	97.4	98.0	(¹)	(¹)	(¹)	3.2	3.7	3.8
Maryland	1,672.5	1,899.9	1,720.1	1.7	1.2	1.2	87.6	92.8	96.4
Baltimore SMSA	927.2	935.5	945.0	.1	.1	.1	42.0	43.3	45.6
Baltimore City	428.0	430.1	435.0	(¹)	(¹)	(¹)	14.3	13.7	15.2

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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
Georgia	496.6	521.8	524.5	145.2	150.0	151.1	524.5	556.5	564.3
Albany	10.4	10.3	10.3	2.3	2.3	2.3	10.0	10.8	11.0
Athens	14.1	14.5	14.5	1.5	1.6	1.6	10.5	10.4	10.6
Atlanta	142.7	149.9	150.4	91.1	94.4	94.6	286.8	307.2	308.0
Augusta	33.1	33.4	33.5	4.3	4.3	4.3	23.8	24.0	24.2
Columbus	19.7	21.0	21.1	3.1	3.0	3.0	16.3	17.1	17.2
Macon	16.4	16.5	16.6	4.6	4.2	4.3	20.7	21.4	21.4
Savannah	15.8	16.9	16.7	9.4	10.0	10.3	20.6	21.0	21.3
Hawaii	22.0	21.9	21.3	30.8	30.8	30.9	105.9	107.3	107.8
Honolulu	16.0	15.7	15.3	25.5	25.7	25.8	85.7	87.3	87.7
Idaho	46.7	51.2	50.3	18.7	18.3	18.3	76.5	80.2	80.9
Boise City	8.4	8.8	9.1	5.2	5.0	5.0	19.3	19.1	18.8
Illinois	927.5	973.6	977.4	260.8	266.0	266.3	1,066.6	1,080.3	1,081.7
Bloomington-Normal	5.3	5.5	5.8	3.3	3.2	3.3	11.9	12.7	12.7
Champaign-Urbana-Rantoul	6.9	7.0	7.0	2.4	2.4	2.3	17.9	17.6	17.6
Chicago-Gary	705.5	709.4	711.5	188.5	190.3	191.0	771.6	770.4	774.7
Chicago SMSA	634.7	642.3	643.8	175.8	177.9	178.4	727.7	725.3	729.3
Davenport-Rock Island-Moline	35.5	35.9	36.0	6.5	6.8	6.8	37.9	37.8	38.0
Decatur	15.2	17.9	18.2	3.9	3.9	3.9	10.8	11.2	11.3
Kankakee	5.5	5.9	5.9	1.2	1.1	1.1	7.2	7.2	7.2
Peoria	24.8	35.1	35.5	6.6	6.7	6.7	30.7	30.8	30.5
Rockford	39.6	43.4	43.5	4.4	4.2	4.3	24.2	24.3	24.3
Springfield	4.9	5.8	5.8	4.3	4.1	4.1	19.0	18.9	18.9
Indiana	560.7	602.4	605.8	100.2	99.6	100.0	447.8	445.1	450.6
Anderson	16.6	18.9	(¹)	1.1	1.1	(¹)	9.2	9.3	(¹)
Elkhart	39.1	45.0	(¹)	2.4	2.5	(¹)	13.6	14.6	(¹)
Evansville	28.6	34.1	(¹)	6.9	6.9	(¹)	29.6	30.3	(¹)
Fort Wayne	45.3	46.1	(¹)	9.7	9.9	(¹)	37.9	38.7	(¹)
Gary-Hammond-East Chicago	70.8	67.1	(¹)	12.7	12.4	(¹)	44.9	45.1	(¹)
Indianapolis	104.0	(¹)	(¹)	29.6	(¹)	(¹)	124.9	(¹)	(¹)
Lafayette-West Lafayette	9.9	10.8	(¹)	1.7	1.7	(¹)	10.9	11.5	(¹)
Muncie	9.9	(¹)	(¹)	1.8	(¹)	(¹)	10.7	(¹)	(¹)
South Bend	27.6	28.9	(¹)	4.6	4.6	(¹)	26.0	27.1	(¹)
Terre Haute	12.2	(¹)	(¹)	3.3	(¹)	(¹)	14.6	(¹)	(¹)
Iowa	196.0	206.3	206.6	50.1	49.3	49.4	258.0	255.6	256.7
Cedar Rapids	21.1	20.1	20.0	3.8	3.7	3.7	18.2	17.6	17.8
Des Moines	20.4	21.4	21.5	10.4	10.3	10.2	44.2	44.0	44.3
Dubuque	9.7	11.2	11.5	1.7	1.7	1.7	8.3	8.3	8.4
Sioux City	9.0	9.2	9.3	3.4	3.3	3.4	11.8	12.1	12.1
Waterloo-Cedar Falls	16.8	15.8	15.9	2.0	1.8	1.8	12.4	12.5	12.5
Kansas	160.3	172.9	174.5	60.8	63.0	62.9	221.4	221.6	222.8
Lawrence	4.3	4.1	4.0	1.3	1.3	1.3	5.8	5.8	5.9
Topeka	9.2	9.6	9.7	7.4	7.5	7.6	17.5	17.9	18.2
Wichita	48.6	54.0	54.4	9.8	10.2	10.2	43.3	46.1	46.2
Kentucky	237.0	249.4	251.1	61.1	62.6	62.6	252.8	264.1	263.6
Lexington-Fayette	25.6	28.5	28.5	7.4	7.3	7.3	32.0	32.3	32.0
Louisville	82.7	85.6	86.3	21.8	20.9	21.4	84.8	86.0	86.6
Owensboro	5.8	6.0	6.1	2.3	2.3	2.3	7.2	7.5	7.5
Louisiana	179.1	175.5	177.2	119.8	114.2	113.4	356.4	368.0	368.9
Alexandria	4.9	5.3	5.3	2.5	2.5	2.5	11.9	12.3	12.3
Baton Rouge	22.7	21.8	21.8	10.3	10.1	10.1	46.2	49.9	49.5
Lafayette	3.9	3.8	3.8	7.2	6.7	6.7	22.5	23.4	23.3
Lake Charles	9.8	9.2	9.4	4.2	4.3	4.3	14.1	13.8	13.8
Monroe	7.1	6.9	6.8	2.7	2.6	2.6	13.6	14.2	14.0
New Orleans	41.2	39.0	39.1	47.7	46.7	46.5	125.7	128.5	129.3
Shreveport	22.5	24.7	24.9	9.2	9.4	9.3	33.8	32.8	33.5
Maine	106.3	109.2	109.0	17.7	17.5	17.6	84.8	88.2	89.9
Lewiston-Auburn	10.6	11.3	11.4	1.2	1.2	1.2	7.6	7.6	7.7
Portland	16.1	16.4	16.6	5.4	5.4	5.4	25.0	26.9	26.7
Maryland	209.2	213.7	215.0	85.2	86.5	86.5	405.3	413.3	419.2
Baltimore SMSA	138.6	141.7	142.3	56.7	56.7	57.4	216.0	218.3	220.6
Baltimore City	56.1	54.5	54.7	35.1	34.0	34.5	90.3	92.8	94.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a
Georgia	118.9	123.2	124.3	385.0	403.0	409.9	442.1	440.1	440.0
Albany	2.0	2.0	2.1	6.2	6.2	6.2	11.0	11.0	11.0
Athens	1.7	1.7	1.7	7.2	7.4	7.4	17.8	18.2	18.1
Atlanta	74.2	78.4	77.0	223.4	237.6	241.8	166.2	166.2	167.0
Augusta	4.5	4.7	4.7	19.5	19.4	19.7	32.6	33.3	33.4
Columbus	5.3	5.5	5.6	11.9	11.7	11.7	19.5	19.5	19.4
Macon	6.3	6.4	6.3	18.1	18.4	18.3	30.2	31.0	31.0
Savannah	4.0	4.3	4.3	17.2	17.6	17.7	16.6	16.2	16.2
Hawaii	31.9	31.1	31.3	104.6	105.3	105.8	93.2	91.9	92.7
Honolulu	27.4	26.9	27.0	82.0	82.7	83.0	79.4	78.1	78.9
Idaho	22.6	23.1	23.1	59.9	61.5	62.2	68.9	69.2	70.2
Boise City	7.6	7.9	7.9	15.4	15.6	15.6	15.8	16.0	16.1
Illinois	318.8	316.3	316.8	1,008.7	1,003.9	1,008.9	724.7	697.4	700.6
Bloomington-Normal	8.5	8.6	8.7	9.1	8.8	8.9	11.4	11.5	11.4
Champaign-Urbana-Rantoul	2.4	2.4	2.4	11.5	12.1	12.2	31.7	32.2	31.9
Chicago-Gary	247.4	245.1	244.9	772.2	773.0	778.0	423.2	409.7	409.9
Chicago SMSA	238.9	236.6	236.4	734.3	735.3	740.2	392.5	379.4	381.4
Davenport-Rock Island-Moline	7.1	7.1	7.1	26.2	26.2	26.3	26.6	26.7	26.9
Decatur	2.7	2.7	2.7	9.0	9.2	8.9	5.5	5.1	5.1
Kankakee	1.5	1.5	1.5	7.3	7.1	7.2	7.3	7.5	7.6
Peoria	6.5	6.5	6.5	27.4	27.7	27.6	16.3	16.2	16.2
Rockford	4.3	4.1	4.0	19.8	20.3	20.2	12.4	12.3	12.5
Springfield	7.5	7.4	7.4	18.6	18.7	18.7	29.6	29.2	29.4
Indiana	99.2	100.1	100.6	355.4	360.0	363.1	335.6	336.4	334.3
Anderson	1.5	1.6	(^b)	8.2	8.3	(^b)	5.6	5.6	(^b)
Elkhart	2.0	2.1	(^b)	9.8	10.2	(^b)	5.2	5.0	(^b)
Evansville	4.4	4.5	(^b)	26.5	26.5	(^b)	12.1	12.1	(^b)
Fort Wayne	10.2	10.3	(^b)	29.2	29.7	(^b)	18.0	17.5	(^b)
Gary-Hammond-East Chicago	8.5	8.5	(^b)	37.9	37.7	(^b)	30.7	30.4	(^b)
Indianapolis	37.8	(^b)	(^b)	98.4	(^b)	(^b)	82.9	(^b)	(^b)
Lafayette-West Lafayette	2.5	2.5	(^b)	9.3	9.4	(^b)	19.8	20.3	(^b)
Muncie	1.5	(^b)	(^b)	8.3	(^b)	(^b)	10.9	(^b)	(^b)
South Bend	5.2	5.2	(^b)	26.3	26.8	(^b)	12.5	12.3	(^b)
Terre Haute	2.0	(^b)	(^b)	10.1	(^b)	(^b)	12.0	(^b)	(^b)
Iowa	58.8	60.0	60.2	210.8	208.9	209.8	209.0	209.2	210.0
Cedar Rapids	4.3	4.3	4.4	15.8	15.7	15.8	9.7	10.1	10.2
Des Moines	21.8	22.1	22.3	41.2	40.8	41.1	27.7	27.7	27.7
Dubuque	1.3	1.3	1.3	10.4	10.6	10.7	3.8	3.7	3.7
Sioux City	2.6	2.5	2.5	11.7	11.6	11.7	6.0	5.9	5.9
Waterloo-Cedar Falls	2.3	2.2	2.3	11.0	10.6	10.6	10.9	10.7	10.8
Kansas	49.1	48.9	48.9	172.4	173.0	173.4	189.6	191.1	192.0
Lawrence .....	.8	.9	.8	3.9	4.0	4.0	10.8	10.5	10.5
Topeka	5.8	5.8	5.9	18.0	17.6	17.7	21.7	21.9	21.9
Wichita	9.7	9.7	9.8	39.8	39.7	39.9	24.6	25.5	25.6
Kentucky	52.0	52.9	53.0	219.8	222.1	225.1	226.7	221.7	222.1
Lexington-Fayette	7.5	7.4	7.4	32.6	33.9	33.8	33.0	31.0	30.9
Louisville	23.7	24.3	24.3	79.8	79.8	80.2	56.0	53.5	53.6
Owensboro	1.1	1.3	1.3	6.2	6.3	6.4	4.6	4.8	4.8
Louisiana	81.1	83.5	83.6	303.0	309.2	311.5	318.3	320.3	319.8
Alexandria	2.8	2.9	2.9	11.5	11.8	11.8	15.9	16.0	16.0
Baton Rouge	12.1	12.3	12.3	38.0	39.0	39.1	52.8	54.6	54.2
Lafayette	3.8	3.8	3.8	18.2	18.3	18.4	11.0	10.1	10.3
Lake Charles	2.8	2.9	3.0	10.8	10.9	10.8	10.5	10.5	10.5
Monroe	3.9	4.1	4.1	10.0	10.0	10.1	10.7	9.2	8.9
New Orleans	31.7	31.5	31.4	123.3	123.9	123.9	84.2	84.9	84.8
Shreveport	7.9	8.1	8.1	30.5	31.0	31.4	26.4	26.3	26.2
Maine	17.5	18.1	18.3	78.5	80.8	80.9	85.0	84.3	84.8
Lewiston-Auburn	1.6	1.6	1.6	7.2	7.2	7.3	3.2	3.1	3.2
Portland	8.1	8.6	8.6	20.7	22.1	22.2	13.7	14.3	14.7
Maryland	95.9	95.4	96.3	394.1	402.5	407.1	393.5	394.5	398.4
Baltimore SMSA	58.9	58.8	59.0	210.6	213.5	215.4	204.3	203.1	204.6
Baltimore City	39.2	39.1	39.2	113.1	116.5	117.4	79.9	79.5	80.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
Massachusetts	2,621.4	2,664.6	2,688.1	0.9	0.9	0.9	67.7	71.1	73.4
Boston	1,476.9	1,497.8	1,510.9	.3	.3	.4	38.1	36.9	37.8
Brockton	56.8	57.4	58.0	(¹)	(¹)	(¹)	1.6	1.9	1.9
Fall River	53.5	54.7	54.6	(¹)	(¹)	(¹)	1.1	1.1	1.2
Fitchburg-Leominster	39.4	41.2	41.4	(¹)	(¹)	(¹)	1.1	1.0	1.1
Lawrence-Haverhill	112.1	113.1	113.5	(¹)	(¹)	(¹)	2.6	2.7	2.9
Lowell	83.1	87.9	88.4	(¹)	(¹)	(¹)	2.1	1.8	1.8
New Bedford	62.1	65.1	65.5	(¹)	(¹)	(¹)	1.5	1.8	2.0
Pittsfield	49.7	50.9	50.8	.1	.1	(¹)	1.2	1.4	1.4
Springfield-Chicopee-Holyoke	229.0	228.4	229.1	.1	.1	.1	4.7	4.7	4.7
Worcester	156.4	156.5	157.5	.3	.3	.3	3.7	3.2	3.3
Michigan	3,129.6	3,240.5	3,252.3	8.2	8.4	8.6	73.1	79.4	81.2
Ann Arbor	132.8	140.1	141.1	(¹)	(¹)	(¹)	3.5	3.5	3.6
Battle Creek	57.6	59.1	59.4	(¹)	(¹)	(¹)	1.6	1.1	1.2
Bay City	30.3	31.5	31.6	(¹)	(¹)	(¹)	.6	.6	.5
Benton Harbor	54.8	55.7	56.2	(¹)	(¹)	(¹)	1.9	2.0	2.0
Detroit	1,517.5	1,562.8	1,570.6	.8	.7	.7	32.7	34.5	35.5
Flint	170.1	183.1	183.5	(¹)	(¹)	(¹)	2.8	3.3	3.4
Grand Rapids	260.4	266.8	268.4	(¹)	(¹)	(¹)	8.1	8.1	8.3
Jackson	45.5	48.1	46.4	(¹)	(¹)	(¹)	.8	.8	.8
Kalamazoo-Portage	104.0	106.3	106.6	(¹)	(¹)	(¹)	2.8	2.8	2.9
Lansing-East Lansing	188.1	195.8	196.2	(¹)	(¹)	(¹)	2.8	3.8	4.1
Muskegon-Norton Shores-Muskegon Heights	52.6	55.2	55.7	(¹)	(¹)	(¹)	1.7	1.6	1.7
Saginaw	75.2	78.7	79.5	(¹)	(¹)	(¹)	1.3	1.5	1.7
Minnesota	1,658.3	1,725.7	1,738.1	7.7	8.9	9.8	45.1	49.8	51.8
Duluth-Superior	50.0	50.4	50.4	(¹)	(¹)	(¹)	.9	1.0	.9
Minneapolis-St. Paul	1,047.0	1,092.8	1,096.7	(¹)	(¹)	(¹)	29.9	31.9	32.9
Rochester	49.9	51.0	50.8	(¹)	(¹)	(¹)	1.2	1.3	1.3
St. Cloud	53.0	56.0	56.2	(¹)	(¹)	(¹)	1.6	2.1	2.2
Mississippi	775.7	795.4	799.4	8.9	9.1	9.1	34.4	32.0	31.9
Jackson	142.5	147.0	147.4	1.7	1.7	1.7	5.1	6.5	6.5
Missouri	1,889.6	1,908.2	1,925.5	6.4	6.4	6.3	67.8	62.9	68.3
Kansas City	597.4	609.6	615.9	.5	.5	.6	19.3	21.3	21.9
St. Joseph	36.1	36.4	36.1	(¹)	(¹)	(¹)	1.1	1.4	1.3
St. Louis	972.8	989.1	996.1	3.5	3.4	3.4	39.7	42.2	41.9
Springfield	87.4	90.2	90.5	.1	.1	.1	2.5	2.8	3.0
Montana	266.2	266.5	269.1	7.1	6.4	8.4	10.8	10.2	9.9
Nebraska	598.4	606.4	609.6	1.6	1.4	1.5	19.1	17.1	17.0
Lincoln	94.3	95.9	96.1	(¹)	(¹)	(¹)	2.5	2.7	2.6
Omaha	257.2	264.2	265.0	.1	.2	.2	8.2	7.5	7.3
Nevada	391.1	413.6	416.4	5.3	6.3	8.3	17.4	20.1	20.3
Las Vegas	222.6	234.2	235.8	.3	.3	.3	11.3	12.6	12.9
Reno	107.4	114.2	114.8	.6	.7	.7	3.9	5.0	4.9
New Hampshire	390.0	413.8	415.7	.3	.3	.3	19.9	22.1	22.0
Manchester	76.5	79.9	80.5	(¹)	(¹)	(¹)	2.8	3.4	3.4
Nashua	68.4	73.2	73.9	.1	.1	.1	2.3	2.5	2.5
New Jersey	3,061.4	3,170.0	3,190.8	1.9	1.8	1.8	95.8	110.0	113.1
Atlantic City	99.3	104.0	104.3	(¹)	(¹)	(¹)	4.0	4.5	4.5
Camden	349.6	356.7	358.1	.1	.1	.1	11.2	11.9	12.3
Hackensack	401.7	409.1	411.3	(¹)	(¹)	(¹)	11.9	13.0	13.5
Jersey City	213.2	217.2	218.0	(¹)	(¹)	(¹)	4.0	5.0	5.2
Long Branch-Asbury Park	164.8	171.6	173.6	(¹)	(¹)	(¹)	5.7	7.7	7.8
New Brunswick-Perth Amboy-Sayreville	290.6	297.3	298.2	(¹)	(¹)	(¹)	7.6	9.6	9.5
Newark	936.8	969.4	975.2	.7	.5	.5	26.9	28.4	30.1
Paterson-Clifton-Passaic	183.5	188.3	189.3	(¹)	(¹)	(¹)	5.7	6.6	6.8
Trenton	163.4	168.3	169.7	(¹)	(¹)	(¹)	2.7	2.7	2.8
Vineland-Millville-Bridgeton	51.7	52.8	52.3	(¹)	(¹)	(¹)	1.3	1.6	1.7
New Mexico	468.7	485.1	487.9	20.8	21.3	21.3	30.4	32.2	32.6
Albuquerque	193.8	203.7	205.0	(¹)	(¹)	(¹)	12.2	13.6	13.8
Las Cruces	33.3	34.7	34.9	(¹)	(¹)	(¹)	2.2	2.3	2.4

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Mar. 1983	Feb. 1984	Mar. 1984 ^p	Mar. 1983	Feb. 1984	Mar. 1984 ^p	Mar. 1983	Feb. 1984	Mar. 1984 ^p
Massachusetts	618.6	636.7	638.2	118.9	120.3	120.8	574.5	595.1	602.5
Boston	279.5	286.4	287.5	71.0	71.5	71.5	322.6	328.1	330.1
Brockton	11.3	10.9	11.1	3.7	4.1	4.1	15.5	16.1	16.3
Fall River	19.3	20.0	19.6	1.8	2.0	2.0	11.9	12.4	12.5
Fitchburg-Leominster	15.9	16.3	16.5	1.6	1.5	1.5	8.0	9.0	9.1
Lawrence-Haverhill	41.2	42.4	42.5	4.8	4.7	4.7	22.4	22.1	22.1
Lowell	32.7	36.8	36.8	3.1	3.0	3.1	17.2	17.2	17.4
New Bedford	23.2	25.4	25.6	2.2	2.2	2.2	12.7	12.7	12.6
Pittsfield	15.4	15.6	15.6	1.2	1.3	1.3	11.0	11.6	11.7
Springfield-Chicopee-Holyoke	55.0	55.2	55.3	9.2	9.2	9.3	47.8	48.1	48.2
Worcester	39.7	39.6	39.8	7.2	6.7	6.6	35.1	36.4	36.3
Michigan	849.3	932.4	936.7	137.2	138.2	138.4	673.5	686.4	691.4
Ann Arbor	29.8	34.9	35.1	3.1	3.2	3.1	20.3	20.4	20.5
Battle Creek	16.5	17.4	17.5	2.0	1.9	1.9	9.3	10.2	10.3
Bay City	7.6	8.1	8.1	1.5	1.4	1.4	8.2	8.3	8.3
Benton Harbor	18.3	19.0	19.1	2.3	2.3	2.3	10.4	10.2	10.5
Detroit	406.3	436.7	438.3	71.6	70.7	70.8	344.5	356.4	359.1
Flint	61.9	69.4	69.5	5.5	4.9	5.0	38.4	41.9	41.5
Grand Rapids	83.5	90.7	90.7	10.5	10.6	10.6	63.6	63.7	64.2
Jackson	11.3	11.6	11.7	5.0	4.9	4.9	9.4	9.4	9.6
Kalamazoo-Portage	30.0	31.8	31.8	3.9	3.6	3.6	21.7	21.8	22.1
Lansing-East Lansing	37.8	41.6	41.7	5.5	5.2	5.2	34.7	35.5	35.7
Muskegon-Norton Shores-Muskegon Heights	16.4	18.8	18.9	2.8	2.8	2.8	10.6	10.8	11.0
Saginaw	23.6	26.8	26.8	4.5	4.3	4.6	16.8	16.4	16.4
Minnesota	332.9	349.5	352.1	90.8	92.6	93.5	411.0	424.2	429.1
Duluth-Superior	4.7	4.4	4.5	4.4	4.5	4.6	13.5	14.1	13.8
Minneapolis-St. Paul	227.5	238.7	240.6	60.3	62.7	63.3	253.0	260.8	262.2
Rochester	9.7	10.3	10.3	1.9	2.0	2.0	10.2	10.2	10.1
St. Cloud	9.5	10.1	10.3	3.5	3.4	3.4	15.2	16.2	16.2
Mississippi	195.1	209.5	209.7	38.0	37.8	38.3	159.4	163.7	165.7
Jackson	15.6	16.2	16.0	9.8	9.7	9.8	34.9	35.8	36.1
Missouri	390.9	412.2	414.4	130.9	134.1	134.8	447.2	442.9	448.2
Kansas City	105.4	111.2	114.2	49.6	49.3	49.4	153.1	155.6	156.7
St. Joseph	8.3	8.9	8.8	2.2	2.0	2.0	8.7	8.5	8.5
St. Louis	209.7	217.6	220.2	69.8	70.2	71.1	225.9	228.4	229.9
Springfield	17.4	18.8	18.9	6.1	5.8	5.8	24.0	24.8	24.9
Montana	20.0	19.9	20.2	19.9	19.9	19.9	69.8	69.3	69.5
Nebraska	82.6	87.3	88.7	42.6	41.5	41.4	154.7	154.2	154.0
Lincoln	11.3	11.9	11.9	6.2	6.3	6.3	21.0	20.6	20.6
Omaha	32.0	36.1	36.2	21.9	21.6	21.5	66.1	66.1	66.0
Nevada	18.3	19.8	20.0	24.0	24.6	24.7	76.6	82.0	81.8
Las Vegas	6.8	7.6	7.7	13.6	13.9	14.0	44.0	47.1	46.9
Reno	7.2	7.8	7.8	7.8	8.0	8.0	23.2	25.1	25.2
New Hampshire	109.9	117.5	118.6	14.8	15.3	15.4	87.5	94.9	94.9
Manchester	16.3	16.8	17.0	4.9	5.0	5.1	20.1	21.2	21.4
Nashua	31.6	34.8	35.0	1.9	2.0	2.0	13.2	14.0	14.3
New Jersey	702.1	723.5	725.8	195.7	206.2	207.3	695.7	732.0	736.3
Atlantic City	7.7	7.6	7.5	4.5	4.7	4.7	18.0	18.4	18.5
Camden	68.8	70.8	70.6	15.8	15.9	16.1	91.0	93.8	94.1
Hackensack	101.7	101.1	102.1	21.0	21.4	21.3	122.4	125.8	125.9
Jersey City	55.6	58.1	58.0	24.8	25.9	26.2	45.8	46.4	46.5
Long Branch-Asbury Park	23.2	22.8	23.0	6.3	6.9	6.9	41.6	43.3	44.0
New Brunswick-Perth Amboy-Sayreville	81.8	81.7	81.3	23.7	23.5	23.5	68.8	70.9	71.2
Newark	218.2	223.5	224.3	75.4	80.4	80.8	186.8	199.4	200.2
Paterson-Clifton-Passaic	61.5	63.2	63.8	6.8	6.7	6.8	39.6	41.2	41.1
Trenton	30.7	31.1	31.5	5.2	5.2	5.2	25.7	27.7	28.0
Vineland-Millville-Bridgeton	17.1	16.7	15.8	2.3	2.7	2.7	9.0	9.2	9.3
New Mexico	33.3	34.5	34.5	29.6	29.0	29.1	106.5	112.0	112.7
Albuquerque	18.0	18.9	19.0	11.9	11.8	11.8	47.7	50.3	50.5
Las Cruces	3.1	3.2	3.2	1.4	1.3	1.3	6.1	6.9	6.9

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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
Massachusetts	167.4	169.1	170.0	697.2	701.6	711.1	376.2	369.8	371.2
Boston	116.9	118.9	119.4	461.7	469.6	477.5	186.8	186.1	186.7
Brockton	2.1	2.1	2.1	11.1	11.0	11.3	11.5	11.3	11.2
Fall River	2.8	2.9	2.9	9.7	9.9	10.0	6.9	6.4	6.4
Fitchburg-Leominster	1.2	1.2	1.2	6.2	6.3	6.2	5.4	5.9	5.8
Lawrence-Haverhill	4.2	4.4	4.4	20.1	20.0	20.1	16.8	16.8	16.8
Lowell	2.3	2.4	2.4	13.6	14.3	14.5	12.1	12.4	12.4
New Bedford	2.1	2.2	2.2	10.6	10.9	10.9	9.8	9.9	10.0
Pittsfield	2.3	2.2	2.2	11.7	11.9	11.7	6.8	6.8	6.8
Springfield-Chicopee-Holyoke	13.6	13.4	13.5	50.9	50.2	50.4	47.7	47.5	47.6
Worcester	9.6	9.3	9.3	37.2	37.9	38.5	23.6	23.1	23.4
Michigan	149.8	153.2	153.6	651.7	659.9	659.5	586.8	582.8	582.9
Ann Arbor	4.1	4.4	4.4	24.9	25.6	25.5	47.2	48.1	48.8
Battle Creek	4.0	4.0	4.0	11.6	12.0	11.9	12.6	12.5	12.6
Bay City	1.3	1.4	1.4	5.7	6.4	6.5	5.4	5.3	5.3
Benton Harbor	1.9	1.9	1.9	11.8	12.1	12.1	8.1	8.2	8.3
Detroit	86.7	88.1	88.4	352.2	359.0	359.3	222.7	216.8	218.5
Flint	5.9	5.9	5.9	28.2	29.6	29.6	27.4	28.1	28.5
Grand Rapids	10.9	11.0	11.0	54.2	53.9	54.5	29.5	28.8	29.1
Jackson	1.6	1.6	1.6	9.4	9.4	9.5	8.1	8.4	8.3
Kalamazoo-Portage	4.0	4.1	4.1	22.0	22.1	22.2	19.8	20.1	19.9
Lansing-East Lansing	9.7	9.6	9.6	29.8	31.6	32.0	67.9	68.5	67.9
Muskegon-Norton Shores-Muskegon Heights	1.4	1.4	1.4	10.0	10.0	10.1	9.7	9.8	9.8
Saginaw	3.8	3.7	3.6	14.2	14.4	14.5	11.0	11.7	11.9
Minnesota	98.5	102.2	102.6	380.7	398.9	401.0	291.6	299.5	298.3
Duluth-Superior	2.0	2.1	2.1	13.1	13.1	13.1	11.4	11.3	11.4
Minneapolis-St. Paul	73.3	76.7	76.8	249.9	264.9	266.8	152.9	157.1	156.1
Rochester	1.6	1.6	1.6	20.2	20.3	20.3	5.3	5.3	5.4
St. Cloud	1.9	2.1	2.1	10.0	10.8	11.0	11.2	11.2	11.0
Mississippi	33.1	34.0	34.2	123.5	125.7	126.9	183.2	183.6	183.5
Jackson	11.3	11.6	11.6	29.4	30.7	30.9	34.6	34.8	34.8
Missouri	109.9	108.1	108.5	404.7	405.1	408.5	331.8	336.5	336.5
Kansas City	46.1	47.8	47.8	131.7	133.9	135.2	91.7	90.0	90.1
St. Joseph	2.0	2.0	2.0	7.6	7.6	7.6	6.1	6.0	5.9
St. Louis	59.2	58.8	59.1	227.3	230.1	232.0	137.7	138.4	138.5
Springfield	3.8	3.8	3.8	21.2	22.2	22.2	12.3	11.9	11.8
Montana	12.7	13.0	13.0	56.4	57.7	58.7	69.3	70.0	71.5
Nebraska	41.5	42.1	42.1	124.5	125.8	126.2	131.8	137.0	138.7
Lincoln	7.0	7.2	7.1	18.2	19.0	18.8	28.0	28.2	28.7
Omaha	24.0	24.4	24.4	63.1	64.4	64.9	41.8	44.0	44.4
Nevada	18.0	19.3	19.4	172.1	182.1	183.9	59.4	59.4	60.0
Las Vegas	10.3	11.1	11.2	108.4	113.6	114.4	27.9	28.0	28.4
Reno	6.0	6.2	6.2	41.7	44.3	44.8	17.0	17.1	17.2
New Hampshire	20.9	21.9	22.0	79.5	86.1	86.4	57.2	55.7	56.1
Manchester	6.2	6.3	6.3	17.7	18.6	18.7	8.5	8.6	8.6
Nashua	2.1	2.3	2.3	11.6	12.1	12.3	5.6	5.4	5.4
New Jersey	168.7	173.4	174.2	673.3	688.0	695.4	528.3	535.1	536.9
Atlantic City	4.7	4.9	4.9	44.0	46.9	47.1	16.4	17.0	17.1
Camden	18.0	18.6	18.5	75.7	74.9	75.4	69.0	70.7	71.0
Hackensack	19.5	20.2	20.0	81.6	84.1	85.0	43.6	43.5	43.5
Jersey City	8.2	8.4	8.4	34.4	33.3	33.4	40.4	40.1	40.3
Long Branch-Asbury Park	7.8	8.2	8.5	43.7	45.6	46.0	36.5	37.1	37.4
New Brunswick-Perth Amboy-Sayreville	13.4	14.2	14.2	46.9	48.4	48.8	48.4	49.0	49.7
Newark	67.5	68.6	68.7	218.1	223.3	224.7	143.3	145.3	145.9
Paterson-Clifton-Passaic	9.5	9.2	9.1	35.2	35.9	35.9	25.3	25.5	25.8
Trenton	7.8	7.7	7.7	44.0	46.3	46.7	47.5	47.6	47.8
Vineland-Millville-Bridgeton	2.6	2.7	2.7	8.7	9.2	9.3	10.6	10.7	10.8
New Mexico	22.5	23.6	23.7	96.5	101.1	102.2	129.1	131.4	131.8
Albuquerque	11.4	12.0	12.0	49.1	51.8	52.3	43.5	45.3	45.6
Las Cruces	1.2	1.3	1.3	4.4	4.5	4.6	14.9	15.2	15.2

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a
New York	7,172.9	7,296.8	7,350.0	6.2	6.4	6.7	200.1	204.8	210.3
Albany-Schenectady-Troy	334.3	341.5	344.3	(^b)	(^b)	(^b)	8.5	10.0	10.0
Binghamton	115.0	118.2	118.1	(^b)	(^b)	(^b)	3.3	3.8	3.9
Buffalo	458.7	460.0	461.7	(^b)	(^b)	(^b)	12.0	11.5	11.6
Elmira	32.6	33.5	33.8	(^b)	(^b)	(^b)	.7	.7	.7
Glens Falls	36.6	37.8	37.4	(^b)	(^b)	(^b)	.8	.8	.8
Monroe County	335.2	340.9	341.1	(^b)	(^b)	(^b)	7.8	8.5	8.6
Nassau-Suffolk	952.3	975.0	984.8	(^b)	(^b)	(^b)	36.7	38.0	39.7
Newburgh-Middletown	80.6	82.1	82.1	(^b)	(^b)	(^b)	1.9	2.2	2.2
New York-Northeastern New Jersey	6,748.7	6,882.5	6,934.9	2.4	2.3	2.3	194.8	203.6	209.8
New York and Nassau-Suffolk	4,722.9	4,801.2	4,843.1	2.2	2.3	2.3	138.7	141.1	144.8
New York SMSA	3,770.6	3,826.2	3,858.2	2.0	2.1	2.1	102.0	103.1	105.1
New York City	3,319.5	3,366.7	3,396.1	1.7	1.8	1.8	83.6	84.4	86.0
Poughkeepsie	103.7	106.0	106.5	(^b)	(^b)	(^b)	2.9	3.4	3.6
Rochester	410.2	418.6	418.4	(^b)	(^b)	(^b)	9.4	10.6	10.6
Rockland County	84.5	85.9	86.7	(^b)	(^b)	(^b)	2.5	2.5	2.6
Syracuse	256.9	265.0	263.8	(^b)	(^b)	(^b)	11.1	12.0	12.4
Utica-Rome	109.1	111.2	111.9	(^b)	(^b)	(^b)	1.8	2.3	2.3
Westchester County	354.0	360.7	362.3	(^b)	(^b)	(^b)	15.3	15.6	15.9
North Carolina	2,354.0	2,449.3	2,484.5	4.3	4.3	4.4	101.8	113.9	116.7
Asheville	69.6	69.6	70.1	(^b)	(^b)	(^b)	2.4	2.6	2.7
Charlotte-Gastonia	340.3	350.8	352.4	(^b)	(^b)	(^b)	16.0	17.6	17.9
Greensboro-Winston-Salem-High Point	385.5	398.0	399.0	(^b)	(^b)	(^b)	16.0	18.1	18.2
Raleigh-Durham	290.3	300.0	301.5	(^b)	(^b)	(^b)	14.3	15.7	15.9
North Dakota	241.5	244.2	245.2	6.3	7.2	7.2	12.8	12.3	12.2
Fargo-Moorhead	61.0	62.6	62.8	(^b)	(^b)	(^b)	2.0	2.1	2.1
Ohio	3,995.3	4,095.2	4,119.8	25.2	26.7	27.1	109.3	111.8	114.7
Akron	239.8	245.4	246.5	(^b)	(^b)	(^b)	5.2	5.5	5.6
Canton	140.4	143.8	144.6	(^b)	(^b)	(^b)	3.3	3.7	3.8
Cincinnati	563.2	572.2	576.3	(^b)	(^b)	(^b)	17.9	18.1	18.8
Cleveland	812.4	817.5	821.1	(^b)	(^b)	(^b)	21.4	22.2	22.5
Columbus	488.3	505.9	508.8	(^b)	(^b)	(^b)	13.3	13.6	14.0
Dayton	330.4	339.8	341.3	(^b)	(^b)	(^b)	7.7	7.9	8.1
Toledo	271.9	286.4	287.7	(^b)	(^b)	(^b)	9.1	8.3	8.6
Youngstown-Warren	174.1	178.4	179.0	(^b)	(^b)	(^b)	3.7	4.2	4.2
Oklahoma	1,164.6	1,168.4	1,175.9	81.3	72.9	73.1	50.0	46.0	46.5
Enid	25.8	26.4	26.8	2.3	2.2	2.2	1.3	1.3	1.3
Lawton	32.1	31.6	32.1	(^b)	(^b)	(^b)	1.4	1.2	1.3
Oklahoma City	416.6	429.0	432.1	22.8	23.9	24.1	18.4	17.6	18.5
Tulsa	301.6	304.3	305.2	23.0	22.8	22.8	14.2	14.2	14.5
Oregon	940.1	972.2	980.0	1.4	1.6	1.7	22.3	23.5	23.2
Eugene-Springfield	88.6	92.1	92.5	.1	.2	.2	2.0	2.0	2.1
Medford	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Portland	512.4	522.2	524.9	.6	.6	.6	14.3	14.9	14.9
Salem	78.3	80.8	81.2	(^b)	.1	.1	2.0	2.2	2.1
Pennsylvania	4,432.1	4,506.8	4,538.8	37.9	38.7	38.9	143.4	142.3	144.0
Allentown-Bethlehem-Easton	242.3	250.0	249.4	.7	.6	.6	6.3	7.1	6.6
Altoona	44.2	44.8	45.6	.1	.1	.1	1.3	1.1	1.2
Delaware Valley	1,543.4	1,571.9	1,581.5	.9	1.0	1.1	52.6	57.0	57.1
Erie	101.3	103.0	104.1	.1	.2	.2	2.1	2.5	2.6
Harrisburg	218.5	223.5	224.8	.1	.1	.1	6.4	6.1	6.3
Johnstown	70.7	72.6	72.9	5.2	6.1	6.1	1.6	1.6	1.6
Lancaster	147.9	153.7	155.0	.3	.3	.3	5.3	6.2	6.2
Northeast Pennsylvania	228.6	230.6	231.8	.7	.7	.8	9.4	6.0	6.1
Philadelphia SMSA	1,893.3	1,928.6	1,939.8	1.0	1.1	1.2	63.8	68.9	69.4
Philadelphia City	743.9	745.0	750.3	(^b)	(^b)	(^b)	15.7	17.2	17.2
Pittsburgh	845.4	841.1	847.9	6.6	6.4	6.4	33.8	32.2	34.0
Reading	131.4	138.5	139.3	.2	.2	.2	3.5	4.0	4.0
Sharon	39.5	38.9	39.1	.4	.4	.4	.8	.6	.6
State College	44.8	47.7	47.6	(^b)	(^b)	(^b)	1.0	.9	.9
Williamsport	42.3	44.6	44.4	.1	.1	.1	.9	.9	.9
York	143.9	148.7	149.8	.3	.3	.3	5.2	4.9	5.1

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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
New York	1,287.2	1,301.3	1,307.4	408.2	409.1	409.4	1,447.0	1,485.8	1,496.6
Albany-Schenectady-Troy	50.0	51.4	51.3	15.1	14.8	14.9	66.8	70.4	71.5
Binghamton	40.9	41.2	41.2	4.3	4.4	4.3	20.8	21.4	21.5
Buffalo	103.7	101.3	101.8	23.8	24.1	24.1	107.7	108.9	109.3
Elmira	7.7	8.0	8.1	1.3	1.4	1.4	8.1	8.7	8.7
Glens Falls	9.5	9.9	10.0	1.1	1.2	1.2	7.6	7.7	7.6
Monroe County	126.0	125.4	125.6	10.3	10.0	10.0	62.8	65.1	65.5
Nassau-Suffolk	166.0	170.3	170.7	42.5	44.0	44.0	245.4	257.0	259.1
Newburgh-Middletown	13.7	14.2	14.2	5.3	5.4	5.4	19.0	19.7	19.6
New York-Northeastern New Jersey	1,200.9	1,213.2	1,219.4	454.5	461.8	463.1	1,412.2	1,461.3	1,470.2
New York and Nassau-Suffolk	682.0	685.6	689.9	302.8	303.9	304.4	948.9	977.5	985.2
New York SMSA	516.0	515.3	519.2	260.3	259.9	260.5	703.5	720.6	726.1
New York City	432.3	431.0	435.1	237.9	235.9	236.6	597.5	610.8	616.0
Poughkeepsie	33.7	33.6	33.8	3.1	3.3	3.3	16.9	17.2	17.2
Rochester	144.0	144.4	144.8	12.8	12.6	12.6	79.6	82.5	83.0
Rockland County	15.7	15.7	15.7	3.5	3.6	3.6	18.1	18.9	19.0
Syracuse	53.5	56.9	57.1	14.3	14.7	14.7	56.0	57.4	57.5
Utica-Rome	26.0	27.2	27.4	4.0	4.1	4.1	21.6	22.6	22.7
Westchester County	66.8	67.3	67.1	18.5	19.8	19.7	84.8	87.4	87.7
North Carolina	770.3	807.9	810.3	117.6	120.1	120.6	484.9	511.7	515.4
Asheville	20.6	21.0	21.2	3.4	3.5	3.5	15.0	15.1	15.3
Charlotte-Gastonia	89.0	92.1	92.6	32.0	31.9	32.1	83.7	85.1	85.3
Greensboro-Winston-Salem-High Point	141.0	146.6	146.3	20.6	21.7	21.7	78.7	81.3	81.8
Raleigh-Durham	47.4	49.8	49.9	14.2	14.4	14.4	56.1	57.9	58.4
North Dakota	14.2	14.9	15.0	15.7	16.0	16.0	63.4	62.8	63.5
Fargo-Moorhead	4.3	4.4	4.6	3.8	3.6	3.6	17.8	18.2	18.5
Ohio	1,039.3	1,108.2	1,112.8	194.6	193.1	193.7	894.0	900.3	907.4
Akron	64.1	66.5	66.8	12.4	12.1	12.1	54.8	55.4	55.7
Canton	42.5	44.9	45.2	5.9	5.6	5.6	32.0	32.1	32.3
Cincinnati	138.3	143.3	143.6	30.7	30.6	30.6	136.2	135.9	136.7
Cleveland	205.5	211.2	211.9	40.4	40.0	40.1	187.7	186.9	187.8
Columbus	82.2	87.0	87.0	22.3	22.8	22.8	116.1	120.8	121.6
Dayton	83.8	90.9	91.3	12.5	12.5	12.6	69.5	69.9	70.2
Toledo	63.2	75.5	75.6	17.0	17.2	17.2	62.1	61.5	61.9
Youngstown-Warren	52.1	55.6	55.3	7.4	7.2	7.2	40.4	40.1	40.4
Oklahoma	163.9	172.0	172.5	67.2	66.3	66.5	278.1	284.2	287.1
Enid	2.3	2.4	2.5	2.6	2.7	2.7	6.9	7.3	7.4
Lawton	3.3	3.3	3.4	1.5	1.4	1.4	8.0	8.1	8.2
Oklahoma City	45.3	52.7	52.6	22.9	23.1	23.3	105.4	108.1	109.1
Tulsa	53.9	54.7	54.1	22.1	22.1	22.3	70.7	70.4	71.3
Oregon	178.1	189.5	191.5	54.6	55.8	55.6	231.6	242.7	244.7
Eugene-Springfield	16.1	18.0	18.1	4.3	4.2	4.2	22.1	23.1	23.2
Medford	6.7	7.7	7.7	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Portland	93.3	97.1	97.6	34.0	34.8	34.9	133.5	137.2	137.7
Salem	9.6	10.5	10.5	2.6	2.7	2.6	17.6	18.3	18.6
Pennsylvania	1,076.8	1,113.3	1,119.0	237.5	241.9	245.5	956.7	987.0	991.0
Allentown-Bethlehem-Easton	86.3	89.4	89.6	13.1	13.2	13.1	49.6	50.5	50.6
Altoona	10.7	10.9	11.1	4.7	5.2	5.2	10.4	10.3	10.6
Delaware Valley	316.1	320.1	321.2	76.6	78.6	79.3	329.4	341.7	343.5
Erie	33.6	35.0	35.9	4.3	3.4	3.4	20.6	21.0	21.1
Harrisburg	38.7	41.3	41.4	16.0	16.3	16.3	45.1	47.3	47.4
Johnstown	11.5	12.3	12.3	4.7	4.3	4.4	14.4	14.9	15.0
Lancaster	53.8	55.9	56.4	6.3	6.1	6.1	34.6	36.0	36.2
Northeast Pennsylvania	61.2	64.2	64.7	12.7	12.4	12.5	49.2	50.6	50.9
Philadelphia SMSA	384.4	390.9	392.0	92.4	94.5	95.4	421.1	435.4	437.5
Philadelphia City	108.6	109.2	109.4	46.8	47.8	48.4	138.5	141.2	141.7
Pittsburgh	168.1	164.7	164.9	50.2	51.5	51.7	198.9	201.2	201.7
Reading	47.6	52.2	52.0	5.8	5.5	5.5	26.8	28.1	28.6
Sharon	11.0	10.5	10.6	2.0	2.0	2.0	8.8	8.9	9.0
State College	7.3	7.9	7.8	1.1	1.2	1.2	8.6	8.6	8.5
Williamsport	13.5	15.0	14.6	2.0	1.9	2.0	9.0	9.5	9.5
York	54.7	57.8	57.7	6.6	6.2	6.2	32.5	34.7	35.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1983	Feb. 1984	Mar. 1984 ^p	Mar. 1983	Feb. 1984	Mar. 1984 ^p	Mar. 1983	Feb. 1984	Mar. 1984 ^p
New York	676.6	692.7	697.3	1,840.8	1,893.3	1,909.5	1,306.7	1,303.6	1,312.7
Albany-Schenectady-Troy	16.4	16.7	16.7	77.4	80.0	80.2	100.0	98.3	99.6
Binghamton	3.8	3.9	3.9	20.0	21.3	21.2	22.0	22.1	22.1
Buffalo	22.4	22.8	22.8	105.1	107.5	107.6	83.9	83.9	84.4
Elmira	1.1	1.1	1.1	7.3	7.4	7.4	6.3	6.3	6.2
Glens Falls	1.9	1.9	1.9	7.4	7.8	7.6	8.3	8.5	8.3
Monroe County	14.7	15.1	15.1	74.3	77.0	76.9	39.3	39.7	39.2
Nassau-Suffolk	56.5	57.8	58.2	230.5	235.7	239.5	174.7	172.2	173.7
Newburgh-Middletown	3.1	3.1	3.2	16.5	16.8	16.9	21.1	20.7	20.6
New York-Northeastern New Jersey	687.9	703.5	706.8	1,726.2	1,765.3	1,782.5	1,069.8	1,071.5	1,080.8
New York and Nassau-Suffolk	569.7	582.8	586.5	1,309.9	1,339.8	1,354.4	768.8	768.2	775.6
New York SMSA	513.2	525.0	528.3	1,079.6	1,104.3	1,115.1	594.1	595.9	601.9
New York City	488.4	499.6	502.8	961.9	983.4	992.6	516.3	519.8	525.3
Poughkeepsie	3.0	3.2	3.2	20.3	21.6	21.5	23.9	23.8	23.9
Rochester	16.4	16.8	16.8	86.9	90.2	89.8	61.1	61.4	60.9
Rockland County	3.2	3.4	3.4	20.4	21.6	21.6	21.2	20.2	20.8
Syracuse	16.9	17.3	17.4	56.9	59.3	57.5	48.1	47.3	47.2
Utica-Rome	5.7	6.1	6.1	21.4	21.4	21.7	28.6	27.5	27.8
Westchester County	21.2	21.5	21.6	94.0	96.2	97.6	53.4	52.7	52.7
North Carolina	96.6	102.4	102.7	361.0	366.4	369.4	415.5	422.6	425.0
Asheville	2.2	2.3	2.3	14.4	13.7	13.6	11.6	11.4	11.5
Charlotte-Gastonia	23.6	23.6	23.6	58.4	62.1	62.6	37.4	38.4	38.3
Greensboro-Winston-Salem-High Point	18.8	19.1	19.0	61.9	62.7	63.1	48.5	48.5	48.9
Raleigh-Durham	15.8	16.6	16.8	63.5	65.1	64.9	79.0	80.5	81.2
North Dakota	11.8	12.0	12.0	55.1	56.1	56.4	62.2	62.9	62.9
Fargo-Moorhead	3.9	4.0	4.0	15.8	16.3	16.4	13.4	14.0	13.6
Ohio	205.9	210.3	210.7	856.1	875.0	882.2	671.0	669.9	671.2
Akron	9.1	9.4	9.5	50.8	52.9	53.0	42.6	43.0	43.1
Canton	6.4	6.6	6.6	30.6	30.8	31.1	18.6	18.7	18.6
Cincinnati	32.3	32.9	33.0	125.3	129.7	131.4	82.2	81.4	81.8
Cleveland	48.0	48.3	48.1	191.6	194.5	196.8	116.7	113.1	112.6
Columbus	42.0	44.5	44.6	110.0	113.4	114.7	102.0	103.2	103.6
Dayton	13.5	13.8	13.9	75.5	77.3	77.7	67.5	67.2	67.3
Toledo	10.4	10.8	10.8	62.7	64.4	64.9	47.2	48.5	48.5
Youngstown-Warren	7.1	7.2	7.2	38.0	39.0	39.3	24.7	24.6	24.7
Oklahoma	61.6	62.1	62.3	213.3	218.8	220.6	249.2	246.1	247.3
Enid	1.2	1.2	1.3	5.2	5.3	5.4	4.0	4.0	4.0
Lawton	1.4	1.2	1.3	5.4	5.6	5.6	11.1	10.8	10.9
Oklahoma City	26.9	27.5	27.4	79.9	61.8	62.5	95.0	94.3	94.6
Tulsa	16.3	16.7	17.0	66.0	67.9	68.0	35.4	35.5	35.2
Oregon	63.3	65.2	65.8	191.4	195.6	198.1	197.4	198.3	199.4
Eugene-Springfield	4.3	4.5	4.5	16.3	18.5	18.6	21.4	21.6	21.6
Medford	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Portland	42.5	43.5	43.7	111.4	113.3	114.2	82.8	80.8	81.3
Salem	5.2	5.2	5.2	15.1	15.0	15.2	26.2	26.8	26.9
Pennsylvania	236.7	244.7	245.9	1,055.9	1,065.4	1,077.5	685.2	673.5	677.0
Allentown-Bethlehem-Easton	9.6	9.9	9.9	48.4	50.9	50.9	28.3	28.4	28.1
Altoona	1.5	1.5	1.5	8.7	9.0	9.1	6.8	6.7	6.8
Delaware Valley	109.1	112.6	113.3	432.5	440.4	443.7	226.2	220.5	222.3
Erie	4.7	4.7	4.7	23.3	23.7	23.8	12.6	12.5	12.4
Harrisburg	12.6	13.4	13.5	43.0	42.9	43.6	56.6	56.1	56.2
Johnstown	3.8	3.9	3.9	16.5	17.0	17.0	13.0	12.5	12.6
Lancaster	5.4	5.7	5.7	27.5	26.3	26.6	14.7	15.2	15.5
Northeast Pennsylvania	9.6	9.7	9.8	49.4	50.4	50.4	36.4	36.6	36.6
Philadelphia SMSA	127.1	131.2	131.8	506.2	515.3	519.1	295.3	291.3	293.4
Philadelphia City	64.0	63.4	63.7	231.3	229.6	233.1	139.0	136.6	136.8
Pittsburgh	47.6	47.5	47.9	228.5	230.2	233.4	111.7	107.4	107.9
Reading	6.0	6.4	6.4	25.1	25.3	25.9	16.4	16.8	16.7
Sharon	1.3	1.3	1.3	9.9	10.1	10.1	5.3	5.1	5.1
State College	1.4	1.4	1.4	6.5	6.9	6.9	18.6	20.5	20.6
Williamsport	2.1	2.2	2.2	8.5	8.8	8.9	6.2	6.2	6.2
York	3.9	4.0	4.0	22.6	23.7	23.8	17.9	17.3	17.7

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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a
Rhode Island	384.1	396.2	399.1	0.1	0.1	0.1	9.2	11.0	11.3
Providence-Warwick-Pawtucket	387.2	399.2	402.0	.2	.2	.2	9.1	10.8	11.1
South Carolina	1,160.1	1,202.6	1,213.8	1.6	1.7	1.7	64.3	71.4	72.8
Charleston-North Charleston	150.6	155.4	157.0	(^b)	(^b)	(^b)	9.8	10.9	10.7
Columbia	182.7	193.2	193.0	(^b)	(^b)	(^b)	9.9	13.8	13.7
Greenville-Spartanburg	256.9	262.9	263.8	(^b)	(^b)	(^b)	15.2	15.2	15.3
South Dakota	225.6	230.0	231.8	2.4	2.5	2.5	6.0	6.4	6.5
Sioux Falls	54.1	57.3	57.6	(^b)	(^b)	(^b)	1.6	1.8	1.8
Tennessee	1,681.2	1,760.6	1,772.0	7.7	7.6	8.1	62.9	71.6	73.0
Chattanooga	163.6	165.4	165.3	1.1	1.0	1.1	5.0	5.8	5.8
Johnson City-Kingsport-Bristol	141.3	148.4	149.0	.2	.2	.2	6.1	6.7	7.1
Knoxville	199.9	202.4	202.6	1.5	1.2	1.2	7.8	9.1	9.0
Memphis	344.9	353.7	355.2	.1	.1	.1	11.9	13.6	13.8
Nashville-Davidson	371.1	388.5	392.5	(^c)	(^c)	(^c)	17.4	20.2	20.7
Texas	6,127.0	6,262.6	6,287.0	265.6	265.3	264.8	416.8	405.1	406.4
Abilene	58.2	57.6	57.7	4.5	4.2	4.2	2.7	3.0	3.0
Amarillo	77.0	78.1	78.9	(^d)	(^d)	(^d)	3.9	3.7	3.9
Austin	283.1	294.7	296.4	(^d)	(^d)	(^d)	16.6	18.6	19.1
Beaumont-Port Arthur-Orange	142.7	140.0	140.4	(^d)	(^d)	(^d)	10.4	9.2	9.4
Brownsville-Harlingen-San Benito	62.2	63.0	63.4	(^d)	(^d)	(^d)	3.5	3.3	3.3
Bryan-College Station	45.1	46.5	46.6	1.1	1.1	1.1	3.0	3.1	3.1
Corpus Christi	131.6	127.4	128.0	7.7	7.3	7.3	13.7	9.8	9.7
Dallas-Fort Worth	1,551.1	1,615.3	1,630.9	29.7	28.3	28.3	90.6	98.1	99.7
El Paso	163.1	164.7	165.6	(^d)	(^d)	(^d)	8.3	8.9	9.1
Galveston-Texas City	67.8	68.5	68.5	(^d)	(^d)	(^d)	3.9	4.0	3.9
Houston	1,506.1	1,505.3	1,512.9	99.6	99.1	99.8	137.3	129.5	131.0
Killeen-Temple	58.8	61.5	61.8	(^d)	(^d)	(^d)	3.1	3.7	3.9
Laredo	30.0	30.0	30.3	(^d)	(^d)	(^d)	1.3	1.3	1.3
Longview-Marshall	67.1	67.0	66.5	(^d)	(^d)	(^d)	4.9	4.7	4.5
Lubbock	91.6	90.8	90.8	(^d)	(^d)	(^d)	3.9	4.0	4.1
McAllen-Pharr-Edinburg	79.9	78.1	78.4	1.4	1.4	1.3	5.1	5.1	5.2
Midland	50.3	55.5	55.4	12.5	12.5	12.4	3.7	3.5	3.4
Odessa	54.8	57.2	56.8	8.7	9.0	8.8	4.2	4.3	4.0
San Angelo	37.4	37.0	37.5	1.0	.8	.8	2.5	2.2	2.3
San Antonio	428.0	445.2	448.6	3.3	3.5	3.5	29.7	30.9	31.3
Sherman-Denison	33.4	34.2	34.4	.2	.2	.2	1.3	1.3	1.3
Texarkana	45.3	46.3	46.5	.1	.1	.1	1.9	1.8	1.8
Tyler	56.7	58.2	58.1	3.0	3.1	2.9	2.5	2.4	2.4
Waco	71.9	75.8	75.6	(^e)	(^e)	(^e)	3.4	3.9	4.0
Wichita Falls	51.5	53.3	53.2	3.2	3.2	3.2	2.0	2.1	2.1
Utah	554.1	579.0	583.1	13.5	13.7	13.4	23.5	27.0	28.0
Salt Lake City-Ogden	393.6	412.9	415.0	5.6	5.9	5.7	15.8	19.2	19.9
Vermont	202.3	205.8	206.3	.5	.5	.6	8.4	8.7	9.3
Burlington	61.3	62.9	63.1	(^f)	(^f)	(^f)	2.6	3.0	3.1
Springfield	12.6	12.8	12.6	(^f)	(^f)	(^f)	.7	.9	.8
Virginia	2,139.6	2,224.1	2,240.4	16.8	18.2	18.7	99.6	113.2	115.7
Bristol	26.2	27.0	27.1	.1	.1	.1	.8	1.1	1.1
Charlottesville	56.4	57.7	57.6	.1	.1	.1	2.2	2.9	3.0
Danville	38.6	39.1	39.5	.1	.1	.1	1.2	1.3	1.4
Lynchburg	67.7	70.4	70.7	.1	.1	.1	2.2	2.6	2.6
Newport News-Hampton	150.9	158.6	160.6	.1	.1	.1	6.3	7.5	7.5
Norfolk-Virginia Beach-Portsmouth	292.4	306.3	306.3	.1	.1	.1	17.1	19.9	20.4
Northern Virginia	489.5	516.3	520.4	.5	.5	.5	24.0	28.6	29.6
Petersburg-Colonial Heights-Hopewell	41.5	40.4	40.9	.1	.1	.1	1.5	1.7	1.8
Richmond	326.4	336.2	337.2	.3	.3	.3	14.7	15.7	15.7
Roanoke	99.3	102.7	103.5	.1	.1	.1	4.3	5.1	5.1
Washington	1,544.1	1,589.1	1,605.1	2.5	2.9	2.9	66.7	64.9	67.3
Seattle-Everett	754.2	779.5	785.9	.4	.4	.4	31.2	33.3	34.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a
Rhode Island	112.3	117.7	118.2	13.1	13.3	13.5	79.6	82.6	83.2
Providence-Warwick-Pawtucket	122.9	126.8	127.6	13.3	13.4	13.7	79.5	82.3	82.7
South Carolina	354.1	371.7	371.9	53.0	54.4	54.9	225.4	234.2	237.8
Charleston-North Charleston	18.1	19.2	19.3	8.4	8.0	8.3	34.3	35.8	36.4
Columbia	24.5	26.6	26.8	9.5	8.5	8.5	37.9	40.4	40.0
Greenville-Spartanburg	94.7	98.8	98.9	9.4	9.3	9.2	52.7	54.3	54.5
South Dakota	24.1	26.5	26.8	12.2	12.3	12.2	59.5	59.8	61.1
Sioux Falls	7.5	8.2	8.3	4.5	4.4	4.4	15.1	15.6	16.0
Tennessee	455.4	486.5	490.3	81.6	85.4	87.6	377.5	393.5	394.7
Chattanooga	42.4	43.7	43.8	7.2	7.3	7.2	35.5	37.3	37.2
Johnson City-Kingsport-Bristol	50.2	52.5	52.8	6.1	6.1	6.1	28.2	28.2	28.0
Knoxville	47.9	49.9	50.1	7.7	6.7	6.7	45.0	46.1	46.1
Memphis	50.4	51.5	51.4	26.7	28.0	28.2	95.1	96.9	97.8
Nashville-Davidson	78.1	85.1	86.1	19.8	19.3	19.4	86.5	88.3	89.0
Texas	957.8	972.3	979.1	366.8	376.5	377.3	1,520.9	1,563.5	1,572.3
Abilene	7.2	5.9	5.9	3.2	3.2	3.2	14.7	15.0	15.1
Amarillo	9.5	9.2	9.7	6.4	6.6	6.6	22.7	23.7	23.6
Austin	32.8	34.5	34.4	8.1	8.1	8.0	63.2	66.3	66.8
Beaumont-Port Arthur-Orange	32.8	31.6	31.9	11.7	11.6	11.3	32.8	32.8	32.8
Brownsville-Harlingen-San Benito	11.0	11.0	10.9	3.2	3.0	3.1	17.0	17.0	17.1
Bryan-College Station	3.0	3.1	3.1	1.6	1.8	1.8	9.7	10.0	10.0
Corpus Christi	13.7	14.0	14.4	7.7	7.5	7.4	31.9	32.0	32.2
Dallas-Fort Worth	304.0	313.7	316.5	95.3	98.0	99.6	414.6	431.8	434.9
El Paso	34.2	36.3	36.8	9.9	9.6	9.6	40.0	39.6	39.5
Galveston-Texas City	10.9	10.3	10.1	6.1	6.1	6.1	12.6	12.2	12.3
Houston	204.8	195.0	196.8	104.6	103.8	104.3	366.3	366.4	367.6
Killeen-Temple	7.7	8.6	8.6	3.0	2.9	3.0	13.8	14.5	14.7
Laredo	1.8	1.8	1.8	3.2	3.2	3.2	9.1	8.9	9.1
Longview-Marshall	15.0	14.6	14.6	3.7	3.7	3.6	16.9	17.1	17.1
Lubbock	12.7	9.5	9.4	4.6	4.9	4.7	25.5	26.4	26.3
McAllen-Pharr-Edinburg	10.1	10.0	10.0	2.6	2.7	2.7	26.3	24.2	24.4
Midland	3.6	4.0	4.0	2.7	2.9	2.9	11.2	13.4	13.6
Odessa	6.5	5.9	5.8	3.0	3.0	3.0	15.4	16.9	16.9
San Angelo	5.7	5.4	5.6	3.8	3.7	3.7	8.9	9.0	9.1
San Antonio	47.7	50.0	50.5	17.5	18.6	18.8	107.4	113.6	114.9
Sherman-Denison	10.7	11.4	11.4	2.0	2.1	2.1	7.0	6.8	6.9
Texarkana	8.4	8.6	8.5	2.0	2.0	2.0	10.4	10.8	10.9
Tyler	11.7	12.0	12.1	2.8	3.0	3.0	14.4	14.6	14.6
Waco	14.8	15.7	15.6	3.2	3.2	3.2	17.8	19.1	19.1
Wichita Falls	8.2	9.1	9.0	2.8	2.8	2.8	13.0	13.4	13.4
Utah	81.4	90.1	90.9	35.4	36.1	36.1	129.5	134.3	135.5
Salt Lake City-Ogden	56.4	61.6	62.2	28.0	28.5	28.5	96.5	100.9	101.5
Vermont	46.6	47.7	47.8	8.5	8.7	8.7	41.8	43.0	43.0
Burlington	15.4	15.6	15.8	2.4	2.6	2.5	12.9	13.3	13.2
Springfield	4.1	4.0	4.0	.6	.6	.6	2.2	2.3	2.2
Virginia	391.6	407.7	408.8	118.2	121.2	121.3	455.8	483.8	487.7
Bristol	8.5	9.2	9.3	1.1	1.1	1.1	6.3	6.2	6.2
Charlottesville	9.7	9.9	9.9	1.9	1.8	1.8	9.5	9.8	9.8
Danville	18.1	18.3	18.5	.9	.9	1.0	7.0	7.2	7.3
Lynchburg	25.7	26.9	27.0	2.8	2.9	2.9	12.1	12.4	12.4
Newport News-Hampton	36.9	39.0	39.2	4.7	4.6	4.7	29.7	32.5	33.0
Norfolk-Virginia Beach-Portsmouth	25.0	26.9	26.9	19.7	19.9	19.9	70.2	74.7	75.2
Northern Virginia	23.5	26.8	27.1	33.8	36.4	36.5	110.1	117.3	118.5
Petersburg-Colonial Heights-Hopewell	8.1	6.9	7.0	1.2	1.1	1.2	8.1	8.3	8.3
Richmond	54.6	55.6	55.9	19.6	19.8	19.7	78.1	81.4	81.6
Roanoke	19.2	19.8	19.9	8.3	8.0	8.0	24.7	26.8	27.0
Washington	272.1	276.5	280.5	85.1	89.1	89.7	376.7	395.0	398.1
Seattle-Everett	151.4	148.6	151.2	50.5	53.8	53.9	186.4	193.5	194.3

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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^p	Mar. 1983	Feb. 1984	Mar. 1984 ^p	Mar. 1983	Feb. 1984	Mar. 1984 ^p
Rhode Island	21.2	21.3	21.5	91.0	92.9	93.8	57.6	57.3	57.5
Providence-Warwick-Pawtucket	20.6	20.8	21.0	87.3	89.5	90.2	54.3	55.4	55.5
South Carolina	49.4	51.2	51.8	173.8	178.9	182.6	238.5	239.1	240.3
Charleston-North Charleston	6.9	7.1	7.3	26.7	26.7	27.1	46.4	47.6	47.8
Columbia	14.4	15.0	15.1	30.5	32.2	32.0	55.7	56.4	56.6
Greenville-Spartanburg	10.4	10.5	10.5	38.9	38.7	39.1	35.4	35.9	36.1
South Dakota	12.1	12.6	12.6	51.6	52.0	51.9	57.6	57.8	58.3
Sioux Falls	4.3	4.9	5.0	14.2	15.4	15.4	6.7	6.8	6.7
Tennessee	79.8	82.2	82.5	315.0	327.1	327.9	301.3	306.7	307.9
Chattanooga	9.8	10.0	10.0	30.8	29.3	29.3	31.8	31.0	30.9
Johnson City-Kingsport-Bristol	4.3	4.7	4.7	22.0	25.0	24.9	24.2	25.0	25.2
Knoxville	6.7	8.3	8.3	36.5	36.4	36.7	44.8	44.7	44.5
Memphis	19.9	21.0	21.1	78.1	80.8	80.9	62.7	61.8	61.9
Nashville-Davidson	25.4	27.7	27.9	82.3	86.2	87.3	61.6	61.7	62.1
Texas	384.1	400.8	401.4	1,160.3	1,203.8	1,210.1	1,054.7	1,075.3	1,075.6
Abilene	3.1	3.2	3.1	13.3	13.5	13.6	9.5	9.6	9.6
Amarillo	4.1	4.3	4.4	16.9	16.4	16.6	13.5	14.2	14.1
Austin	18.2	18.6	18.7	57.5	59.6	59.6	86.7	89.0	89.8
Beaumont-Port Arthur-Orange	5.6	5.6	5.6	28.9	28.9	29.1	20.5	20.3	20.3
Brownsville-Harlingen-San Benito	3.0	3.1	3.1	10.8	11.3	11.7	13.7	14.3	14.2
Bryan-College Station	1.8	1.9	1.9	6.4	6.7	6.8	18.5	18.8	18.8
Corpus Christi	6.3	6.4	6.6	23.9	23.6	23.7	26.7	26.8	26.7
Dallas-Fort Worth	123.8	132.1	133.1	306.6	322.5	327.4	186.5	190.8	191.4
El Paso	7.8	7.9	8.0	28.4	27.6	27.9	34.5	34.8	34.7
Galveston-Texas City	4.5	4.5	4.5	11.1	11.1	11.3	18.7	20.3	20.3
Houston	103.5	105.1	105.9	308.4	321.7	323.5	181.6	184.7	184.0
Killeen-Temple	2.3	2.4	2.4	10.9	11.3	11.1	18.0	18.1	18.1
Laredo	1.5	1.4	1.4	6.1	6.0	6.1	7.0	7.4	7.4
Longview-Marshall	2.8	2.8	2.8	15.7	15.7	15.7	8.1	8.4	8.2
Lubbock	5.2	5.4	5.4	18.9	19.6	19.8	20.8	21.0	21.1
McAllen-Pharr-Edinburg	3.1	3.3	3.3	11.0	11.3	11.4	20.3	20.1	20.1
Midland	3.5	3.8	3.9	7.9	9.3	9.4	5.2	6.1	5.8
Odessa	2.5	2.3	2.3	7.6	8.7	8.9	6.9	7.1	7.1
San Angelo	1.5	1.7	1.7	7.5	7.4	7.4	6.5	6.8	6.9
San Antonio	30.8	32.2	32.4	92.7	97.0	97.1	98.9	99.4	100.1
Sherman-Denison	1.2	1.3	1.3	6.3	6.3	6.3	4.7	4.8	4.9
Texarkana	1.6	1.7	1.7	7.9	8.4	8.5	13.0	12.9	13.0
Tyler	3.1	3.2	3.1	11.4	11.8	11.8	7.8	8.1	8.2
Waco	4.5	4.6	4.6	16.7	17.5	17.5	11.5	11.8	11.6
Wichita Falls	2.6	2.5	2.5	8.8	9.3	9.3	10.9	10.9	10.9
Utah	27.5	29.1	29.4	112.5	116.9	117.5	130.8	131.7	132.3
Salt Lake City-Ogden	22.6	23.8	24.1	76.2	79.2	79.4	92.6	93.6	93.7
Vermont	8.6	8.9	9.0	50.0	50.9	50.4	37.9	37.4	37.5
Burlington	2.5	2.6	2.6	14.3	14.9	14.8	11.2	10.9	11.1
Springfield .....	.3	.3	.4	2.9	3.0	2.9	1.8	1.7	1.7
Virginia	106.5	112.5	112.5	446.4	457.6	463.2	504.9	509.8	512.5
Bristol .....	.9	1.0	1.0	3.4	3.4	3.4	5.1	5.0	5.0
Charlottesville	2.7	2.6	2.7	8.7	8.9	8.9	21.5	21.7	21.7
Danville	1.1	1.1	1.1	5.1	5.0	5.0	5.1	5.2	5.2
Lynchburg	3.1	3.3	3.3	12.2	12.6	12.5	9.4	9.7	9.9
Newport News-Hampton	4.6	4.8	4.8	30.0	31.2	32.2	38.6	38.9	39.1
Norfolk-Virginia Beach-Portsmouth	14.9	15.5	15.7	64.5	66.9	67.7	81.0	82.4	82.6
Northern Virginia	29.5	30.9	30.9	143.1	151.6	153.1	125.0	124.0	124.3
Petersburg-Colonial Heights-Hopewell	1.2	1.2	1.2	7.0	6.9	7.0	14.4	14.1	14.3
Richmond	26.9	27.6	27.2	61.3	63.2	64.2	70.9	72.7	72.6
Roanoke	6.1	6.2	6.2	21.7	22.0	22.3	14.9	14.8	14.8
Washington	90.2	92.3	92.6	321.4	329.8	333.5	329.4	338.6	340.5
Seattle-Everett	56.4	57.9	57.9	158.9	167.3	168.9	119.0	124.7	125.3

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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a
West Virginia	566.7	581.9	584.3	49.0	50.9	51.1	17.9	17.8	18.0
Charleston	102.8	103.8	104.2	4.3	4.0	4.0	3.9	3.8	3.8
Huntington-Ashland	91.0	90.5	91.5	.9	.7	.7	4.1	3.5	3.5
Parkersburg-Marietta	54.8	55.5	55.5	1.1	1.2	1.2	2.2	1.9	1.9
Wheeling	57.5	57.0	57.0	3.4	3.1	3.0	1.6	1.5	1.6
Wisconsin	1,804.2	1,851.1	1,859.0	1.4	1.5	1.8	44.5	49.3	48.6
Appleton-Oshkosh	122.8	125.5	126.3	(^b)	(^b)	(^b)	3.9	4.4	4.4
Eau Claire	47.7	48.9	48.9	(^b)	(^b)	(^b)	1.2	1.1	1.2
Green Bay	76.4	79.2	79.4	(^b)	(^b)	(^b)	2.2	2.6	2.4
Janesville-Beloit	48.6	50.5	50.8	(^b)	(^b)	(^b)	1.2	1.0	1.0
Kenosha	40.4	42.5	42.3	(^b)	(^b)	(^b)	1.2	1.0	.9
La Crosse	44.8	46.1	46.2	(^b)	(^b)	(^b)	1.1	1.3	1.2
Madison	169.8	173.5	174.4	(^b)	(^b)	(^b)	4.5	5.6	5.6
Milwaukee	611.8	622.7	624.1	(^b)	(^b)	(^b)	13.2	13.8	13.6
Racine	61.5	63.2	63.5	(^b)	(^b)	(^b)	1.0	.9	.9
Sheboygan	40.2	41.7	41.9	(^b)	(^b)	(^b)	1.2	1.8	1.9
Wausau	39.8	41.5	41.7	(^b)	(^b)	(^b)	1.0	1.1	1.0
Wyoming	198.5	197.9	197.5	28.2	26.9	26.6	13.6	15.6	15.7
Puerto Rico	639.8	658.0	660.1	.7	.7	.7	22.0	28.3	28.5
Caguas	25.9	25.0	25.0	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Mayaguez	36.3	36.8	37.2	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Ponce	44.2	44.1	44.2	(^b)	(^b)	(^b)	1.5	1.8	2.0
San Juan	329.7	336.1	336.0	(^b)	(^b)	(^b)	16.2	18.6	18.8
Virgin Islands	36.1	35.6	35.7	(^b)	(^b)	(^b)	2.2	2.6	2.6

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Mar. 1983	Feb. 1984	Mar. 1984 ^p	Mar. 1983	Feb. 1984	Mar. 1984 ^p	Mar. 1983	Feb. 1984	Mar. 1984 ^p
West Virginia	88.5	90.8	91.4	38.9	38.5	38.6	122.9	125.1	125.0
Charleston	15.0	13.8	13.8	8.8	9.0	9.0	24.6	26.2	26.3
Huntington-Ashland	18.8	19.6	19.9	7.8	7.8	7.8	22.5	22.4	22.4
Parkersburg-Marietta	14.4	14.7	14.6	2.1	2.1	2.1	12.8	13.0	13.1
Wheeling	8.7	8.5	8.5	3.4	3.5	3.5	14.5	14.3	14.2
Wisconsin	465.5	493.8	497.5	84.3	84.8	85.2	411.2	416.6	419.8
Appleton-Oshkosh	43.7	46.1	46.2	4.7	4.8	4.8	25.7	25.7	25.9
Eau Claire	8.5	8.6	8.6	2.6	2.6	2.6	12.8	13.7	13.7
Green Bay	19.8	20.9	20.9	5.6	5.8	5.8	20.5	21.3	21.6
Janesville-Beloit	16.2	18.5	18.7	2.1	2.2	2.2	11.5	11.8	11.7
Kenosha	15.0	17.1	17.3	1.1	1.1	1.1	7.8	7.5	7.5
La Crosse	9.9	10.0	10.0	2.1	2.2	2.2	11.7	12.2	12.3
Madison	18.1	18.7	18.8	5.8	6.0	6.0	37.1	36.0	36.2
Milwaukee	160.2	169.4	169.9	31.4	31.8	31.7	136.1	136.2	137.2
Racine	22.6	24.9	24.8	2.3	2.2	2.2	13.5	13.1	13.3
Sheboygan	16.7	17.7	17.7	1.3	1.3	1.3	7.6	7.0	7.0
Wausau	10.4	11.4	11.5	2.1	2.1	2.2	9.7	9.7	9.7
Wyoming	7.7	7.4	7.5	16.3	16.4	16.2	43.1	43.6	43.5
Puerto Rico	142.7	149.0	149.9	14.9	15.3	14.7	104.7	103.0	102.6
Caguas	8.0	8.0	8.1	(¹)	(¹)	(¹)	5.3	5.0	5.0
Mayaguez	13.5	14.0	14.4	(¹)	(¹)	(¹)	4.9	5.3	5.3
Ponce	9.9	9.7	9.6	(¹)	(¹)	(¹)	6.6	7.1	7.0
San Juan	31.6	32.2	32.2	11.3	11.8	11.6	66.8	66.3	65.9
Virgin Islands	2.4	2.5	2.6	2.2	2.3	2.3	7.7	7.1	7.2

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	Finance, insurance, and real estate			Services			Government		
	Mar. 1983	Feb. 1984	Mar. 1984 ^p	Mar. 1983	Feb. 1984	Mar. 1984 ^p	Mar. 1983	Feb. 1984	Mar. 1984 ^p
West Virginia	21.8	21.9	21.9	102.5	106.3	106.3	125.3	130.6	132.0
Charleston	5.1	5.2	5.2	20.9	21.1	21.1	20.1	20.7	21.0
Huntington-Ashland	3.6	3.5	3.5	14.9	15.0	15.0	18.4	18.0	18.7
Parkersburg-Marietta	2.0	2.1	2.0	10.8	10.8	10.8	9.5	9.7	9.7
Wheeling	2.8	2.6	2.7	14.2	14.3	14.3	9.0	9.1	9.3
Wisconsin	95.7	96.7	97.1	380.9	387.4	387.7	320.8	320.9	321.4
Appleton-Oshkosh	5.7	6.1	6.2	22.4	22.1	22.4	16.8	16.2	16.4
Eau Claire	1.7	1.7	1.7	10.1	10.3	10.4	10.7	10.9	10.7
Green Bay	2.6	2.5	2.5	15.8	16.1	16.1	9.9	10.0	10.1
Janesville-Beloit	1.4	1.4	1.4	9.4	9.3	9.4	6.8	6.4	6.4
Kenosha	1.0	1.0	1.0	8.0	8.3	7.9	6.2	6.5	6.6
La Crosse	1.3	1.3	1.3	11.6	12.2	12.2	7.0	7.0	7.0
Madison	13.2	13.0	13.1	35.1	35.3	35.7	55.9	57.0	57.0
Milwaukee	41.8	42.1	42.1	147.7	149.5	149.8	81.4	79.9	79.8
Racine	2.1	2.1	2.1	12.2	12.0	12.2	7.9	8.0	8.1
Sheboygan	1.6	1.8	1.8	6.6	6.9	6.9	5.1	5.3	5.3
Wausau	3.8	3.9	3.9	6.8	6.9	6.9	6.1	6.5	6.6
Wyoming	7.8	7.6	7.6	32.0	30.1	29.9	49.8	50.3	50.5
Puerto Rico	28.2	28.4	28.3	88.2	87.5	87.8	238.3	245.8	247.6
Caguas	⁽¹⁾	⁽¹⁾	⁽¹⁾	⁽¹⁾	⁽¹⁾	⁽¹⁾	9.1	8.6	8.6
Mayaguez	⁽²⁾	⁽²⁾	⁽²⁾	⁽²⁾	⁽²⁾	⁽²⁾	12.5	12.5	12.5
Ponce	⁽³⁾	⁽³⁾	⁽³⁾	7.2	6.8	6.9	15.9	15.8	15.8
San Juan	21.7	21.6	21.6	59.4	59.2	59.2	122.5	126.3	126.5
Virgin Islands	1.5	1.4	1.4	6.3	6.0	6.1	13.8	13.7	13.5

- ¹ Combined with services.
- ² Not available.
- ³ Less than 50 employees.
- ⁴ Combined with construction.

^p = preliminary.
NOTE: Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 1983 benchmarks except Wisconsin.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
	TOTAL PRIVATE	\$274.13	\$275.52	\$289.22	\$289.22	\$293.47	\$7.90	\$7.94	\$8.24	\$8.24	\$8.29
-	MINING	467.74	469.25	494.93	497.76	497.76	11.19	11.28	11.51	11.63	11.63
10	METAL MINING	490.46	496.66	520.35	522.12	-	12.48	12.67	12.88	12.86	-
101	Iron ores	485.55	470.47	484.51	474.62	-	12.45	12.22	12.36	12.49	-
102	Copper ores	518.18	520.90	551.36	551.03	-	12.89	12.99	13.35	13.31	-
11, 12	COAL MINING	521.90	529.37	593.07	603.81	-	13.28	13.47	14.43	14.62	-
12	BITUMINOUS COAL AND LIGNITE MINING	523.48	532.29	594.72	606.92	-	13.32	13.51	14.47	14.66	-
13	OIL AND GAS EXTRACTION	459.46	460.31	469.22	469.57	-	10.71	10.78	10.64	10.77	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	528.10	517.83	535.93	538.88	-	12.31	12.30	12.73	12.80	-
138	Oil and gas field services	429.57	433.44	442.27	442.11	-	9.99	10.09	9.85	9.98	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	378.06	383.66	411.63	413.95	-	8.98	9.07	9.64	9.56	-
142	Crushed and broken stone	355.69	365.93	379.99	383.18	-	8.33	8.51	8.92	8.87	-
-	CONSTRUCTION	434.98	436.73	443.26	439.30	449.38	11.95	11.90	11.98	11.97	11.92
15	GENERAL BUILDING CONTRACTORS	388.77	387.32	388.00	384.08	-	10.71	10.67	10.63	10.61	-
152	Residential building construction	343.00	346.84	352.00	349.12	-	9.80	9.77	9.86	9.89	-
153	Operative builders	325.40	336.80	339.34	334.66	-	8.28	8.42	8.86	8.67	-
154	Nonresidential building construction	430.73	426.82	424.80	420.62	-	11.61	11.63	11.45	11.43	-
16	HEAVY CONSTRUCTION CONTRACTORS	474.41	472.03	483.11	476.40	-	11.98	11.85	11.87	11.91	-
161	Highway and street construction	370.60	390.34	395.01	386.84	-	9.43	9.71	9.90	9.97	-
162	Heavy construction, except highway	504.98	500.15	511.27	506.62	-	12.72	12.63	12.47	12.54	-
17	SPECIAL TRADE CONTRACTORS	441.60	443.93	454.49	451.61	-	12.51	12.47	12.66	12.65	-
171	Plumbing, heating, air conditioning	461.84	462.36	466.25	466.75	-	12.55	12.53	12.50	12.48	-
172	Painting, paper hanging, decorating	393.30	390.54	401.71	394.45	-	11.50	11.32	11.61	11.53	-
173	Electrical work	518.36	520.50	541.94	536.97	-	13.86	13.88	14.04	14.02	-
174	Masonry, stonework, and plastering	403.14	413.48	424.63	412.16	-	12.07	12.09	12.42	12.34	-
175	Carpentering and flooring	412.24	411.24	396.29	392.15	-	11.88	11.52	11.52	11.50	-
176	Roofing and sheet metal work	325.68	338.21	339.11	329.56	-	10.82	10.91	11.01	10.77	-
-	MANUFACTURING	346.10	349.05	369.56	370.78	373.42	8.74	8.77	9.08	9.11	9.13
24, 25, 32-39	DURABLE GOODS	372.53	375.19	399.92	400.75	404.49	9.29	9.31	9.66	9.68	9.70
20-23, 26-31	NONDURABLE GOODS	311.20	313.97	326.30	327.10	330.37	8.00	8.03	8.24	8.26	8.28
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	302.59	308.05	313.23	312.83	319.58	7.68	7.74	7.89	7.86	7.93
241	Logging camps and logging contractors	389.22	400.38	397.45	402.51	-	9.98	10.24	10.27	10.19	-
242	Sawmills and planing mills	319.20	324.01	341.54	336.57	-	7.98	8.08	8.31	8.29	-
2421	Sawmills and planing mills, general	336.84	342.91	361.38	355.78	-	8.40	8.53	8.75	8.72	-
2426	Hardwood dimension and flooring	217.49	219.45	232.07	229.25	-	5.52	5.50	5.73	5.76	-
243	Millwork, plywood, and structural members	303.34	308.74	306.50	310.37	-	7.66	7.68	7.74	7.74	-
2431	Millwork	310.84	313.16	311.26	312.03	-	7.81	7.79	7.90	7.84	-
2434	Wood kitchen cabinets	262.89	274.72	273.93	280.28	-	6.90	6.92	7.06	7.06	-
2435	Hardwood veneer and plywood	233.19	239.34	252.94	255.37	-	6.01	6.09	6.23	6.29	-
2436	Softwood veneer and plywood	384.56	385.95	383.67	392.78	-	9.20	9.30	9.45	9.58	-
244	Wood containers	210.55	211.48	218.83	217.91	-	5.57	5.58	5.64	5.66	-
245	Wood buildings and mobile homes	258.55	265.88	252.25	261.05	-	6.84	6.80	6.93	6.98	-
2451	Mobile homes	269.10	276.34	254.41	266.44	-	6.90	6.84	6.97	7.03	-
249	Miscellaneous wood products	262.51	261.20	270.68	269.60	-	6.53	6.53	6.75	6.74	-
25	FURNITURE AND FIXTURES	251.29	253.89	263.53	266.34	268.37	6.51	6.51	6.74	6.76	6.76
251	Household furniture	230.40	233.58	240.95	242.97	-	6.00	6.02	6.21	6.23	-
2511	Wood household furniture	208.07	211.97	223.05	222.83	-	5.49	5.52	5.69	5.67	-
2512	Upholstered household furniture	245.48	248.71	255.15	258.91	-	6.46	6.46	6.75	6.76	-
2514	Metal household furniture	246.02	250.92	251.47	252.17	-	6.12	6.15	6.24	6.32	-
2515	Mattresses and bedsprings	270.38	269.10	268.80	272.84	-	6.88	6.90	7.00	7.05	-
252	Office furniture	272.38	275.66	299.03	303.28	-	7.02	7.05	7.42	7.47	-
253	Public building and related furniture	290.60	285.91	295.26	298.75	-	7.32	7.22	7.40	7.45	-
254	Partitions and fixtures	310.34	311.85	319.32	324.26	-	8.04	8.10	8.23	8.23	-
259	Miscellaneous furniture and fixtures	289.28	292.94	292.66	289.02	-	7.25	7.18	7.28	7.28	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
	TOTAL PRIVATE	34.7	34.7	35.1	35.1	35.4	-	-	-	-	-
-	MINING	41.8	41.6	43.0	42.8	42.8	-	-	-	-	-
10	METAL MINING	39.3	39.2	40.4	40.6	-	-	-	-	-	-
101	Iron ores	39.0	38.5	39.2	38.0	-	-	-	-	-	-
102	Copper ores	40.2	40.1	41.3	41.4	-	-	-	-	-	-
11, 12	COAL MINING	39.3	39.3	41.1	41.3	-	-	-	-	-	-
12	BITUMINOUS COAL AND LIGNITE MINING	39.3	39.4	41.1	41.4	-	-	-	-	-	-
13	OIL AND GAS EXTRACTION	42.9	42.7	44.1	43.6	-	-	-	-	-	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	42.9	42.1	42.1	42.1	-	-	-	-	-	-
138	Oil and gas field services	43.0	43.0	44.9	44.3	-	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	42.1	42.3	42.7	43.3	-	-	-	-	-	-
142	Crushed and broken stone	42.7	43.0	42.6	43.2	-	-	-	-	-	-
-	CONSTRUCTION	36.4	36.7	37.0	36.7	37.7	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	36.3	36.3	36.5	36.2	-	-	-	-	-	-
152	Residential building construction	35.0	35.5	35.7	35.3	-	-	-	-	-	-
153	Operative builders	39.3	40.0	38.3	38.6	-	-	-	-	-	-
164	Nonresidential building construction	37.1	36.7	37.1	36.8	-	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	39.6	39.8	40.7	40.0	-	-	-	-	-	-
161	Highway and street construction	39.3	40.2	39.9	38.8	-	-	-	-	-	-
162	Heavy construction, except highway	39.7	39.6	41.0	40.4	-	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	35.3	35.6	35.9	35.7	-	-	-	-	-	-
171	Plumbing, heating, air conditioning	36.8	36.9	37.3	37.4	-	-	-	-	-	-
172	Painting, paper hanging, decorating	34.2	34.5	34.6	34.3	-	-	-	-	-	-
173	Electrical work	37.4	37.5	38.6	38.3	-	-	-	-	-	-
174	Masonry, stonework, and plastering	33.4	34.2	34.3	33.4	-	-	-	-	-	-
175	Carpentering and flooring	34.7	34.5	34.4	34.1	-	-	-	-	-	-
176	Roofing and sheet metal work	30.1	31.0	30.8	30.6	-	-	-	-	-	-
-	MANUFACTURING	39.6	39.8	40.7	40.7	40.9	2.5	2.7	3.4	3.4	3.4
24, 25, 32-39	DURABLE GOODS	40.1	40.3	41.4	41.4	41.7	2.5	2.6	3.6	3.6	3.6
20-23, 28-31	NONDURABLE GOODS	38.9	39.1	39.6	39.6	39.9	2.6	2.7	3.1	3.1	3.1
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	39.4	39.8	39.7	39.8	40.3	2.7	2.9	3.1	3.2	-
241	Logging camps and logging contractors	39.0	39.1	38.7	39.5	-	3.0	3.3	3.1	3.0	-
242	Sawmills and planing mills	40.0	40.1	41.1	40.6	-	3.2	3.3	3.9	3.7	-
2421	Sawmills and planing mills, general	40.1	40.2	41.3	40.8	-	3.3	3.4	4.1	3.9	-
2426	Hardwood dimension and flooring	39.4	39.9	40.5	39.8	-	2.7	2.8	3.3	3.1	-
243	Millwork, plywood, and structural members	39.6	40.2	39.6	40.1	-	2.5	2.8	2.9	3.4	-
2431	Millwork	39.8	40.2	39.4	39.8	-	1.8	2.1	2.1	2.6	-
2434	Wood kitchen cabinets	38.1	39.7	38.8	39.7	-	2.0	2.7	2.6	3.5	-
2435	Hardwood veneer and plywood	38.8	39.3	40.6	40.6	-	2.6	2.8	3.9	3.9	-
2436	Softwood veneer and plywood	41.8	41.5	40.6	41.0	-	4.0	4.0	4.1	4.3	-
244	Wood containers	37.8	37.9	38.8	38.5	-	1.6	1.6	2.5	2.4	-
245	Wood buildings and mobile homes	37.8	39.1	36.4	37.4	-	1.9	2.6	1.5	1.8	-
2451	Mobile homes	39.0	40.4	36.5	37.9	-	2.1	2.9	1.6	1.9	-
249	Miscellaneous wood products	40.2	40.0	40.1	40.0	-	2.5	2.4	2.7	2.7	-
25	FURNITURE AND FIXTURES	38.6	39.0	39.1	39.4	39.7	1.9	2.0	2.3	2.3	-
251	Household furniture	38.4	38.8	38.8	39.0	-	1.8	2.0	2.1	2.1	-
2511	Wood household furniture	37.9	38.4	39.2	39.3	-	1.7	1.9	2.3	2.2	-
2512	Upholstered household furniture	38.0	38.5	37.8	38.3	-	1.3	1.4	1.5	1.4	-
2514	Metal household furniture	40.2	40.8	40.3	39.9	-	2.9	2.9	2.8	2.7	-
2515	Mattresses and bedsprings	39.3	39.0	38.4	38.7	-	1.8	2.5	2.1	2.2	-
252	Office furniture	38.8	39.1	40.3	40.6	-	2.0	2.0	2.9	3.0	-
253	Public building and related furniture	39.7	39.6	39.9	40.1	-	2.7	2.8	3.1	3.5	-
254	Partitions and fixtures	38.6	38.5	38.8	39.4	-	2.2	2.2	2.5	2.8	-
259	Miscellaneous furniture and fixtures	39.9	40.8	40.2	39.7	-	1.6	2.0	1.4	1.2	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
32	STONE, CLAY, AND GLASS PRODUCTS	\$368.85	\$374.64	\$389.69	\$390.52	\$403.65	\$9.13	\$9.16	\$9.39	\$9.41	\$9.52
321	Flat glass	500.83	517.44	541.73	553.76	-	11.84	11.95	12.54	12.73	-
322	Glass and glassware, pressed or blown	395.60	401.94	414.73	417.18	-	9.89	9.90	10.19	10.25	-
3221	Glass containers	412.09	421.02	432.14	435.90	-	10.38	10.37	10.67	10.71	-
3229	Pressed and blown glass, nec	372.08	375.96	396.06	394.63	-	9.21	9.26	9.66	9.72	-
323	Products of purchased glass	329.43	327.55	340.72	332.09	-	8.34	8.23	8.21	8.08	-
324	Cement, hydraulic	533.39	520.29	563.72	571.63	-	12.73	12.69	13.39	13.45	-
325	Structural clay products	296.87	304.79	319.01	324.86	-	7.33	7.38	7.65	7.68	-
326	Pottery and related products	294.08	300.69	318.40	317.17	-	7.56	7.71	8.00	8.05	-
327	Concrete, gypsum, and plaster products	359.04	370.66	382.05	381.56	-	8.80	8.91	9.14	9.15	-
3271	Concrete block and brick	324.52	341.88	331.63	335.26	-	7.69	7.77	7.84	7.87	-
3272	Concrete products, nec	326.19	324.90	351.39	348.50	-	7.86	7.81	8.21	8.20	-
3273	Ready-mixed concrete	378.10	399.15	400.79	399.59	-	9.77	9.88	10.07	10.04	-
329	Misc. nonmetallic mineral products	370.06	371.87	391.28	393.90	-	9.07	9.07	9.25	9.29	-
3291	Abrasive products	353.28	357.69	372.44	373.57	-	8.81	8.92	8.91	8.98	-
3292	Asbestos products	399.11	392.28	416.21	421.71	-	9.26	9.23	9.59	9.65	-
33	PRIMARY METAL INDUSTRIES	446.23	451.13	482.58	480.06	484.88	11.24	11.25	11.49	11.43	11.49
331	Blast furnace and basic steel products	489.59	500.58	540.96	533.89	-	12.85	12.77	13.13	12.99	-
3312	Blast furnaces and steel mills	502.54	512.94	556.51	546.48	-	13.33	13.22	13.64	13.46	-
3317	Steel pipe and tubes	431.61	447.53	459.88	462.03	-	10.71	10.81	10.77	10.77	-
332	Iron and steel foundries	381.42	380.42	423.85	423.26	-	9.78	9.83	10.14	10.15	-
3321	Gray iron foundries	388.65	387.39	436.60	434.10	-	9.94	10.01	10.42	10.41	-
3322	Malleable iron foundries	416.85	415.28	447.28	438.48	-	10.58	10.54	10.83	10.80	-
3325	Steel foundries, nec	360.05	361.00	388.40	395.65	-	9.45	9.50	9.95	9.55	-
333	Primary nonferrous metals	555.36	549.61	562.04	563.44	-	13.35	13.34	13.35	13.32	-
3334	Primary aluminum	595.14	573.83	583.51	587.35	-	14.17	14.03	13.86	13.82	-
335	Nonferrous rolling and drawing	448.38	451.56	478.50	481.14	-	10.60	10.65	11.00	11.01	-
3351	Copper rolling and drawing	391.73	397.25	453.15	453.36	-	9.11	9.26	10.07	10.03	-
3353	Aluminum sheet, plate, and foil	593.88	589.53	613.64	608.30	-	14.14	13.97	14.01	13.92	-
3357	Nonferrous wire drawing and insulating	411.18	413.40	445.98	455.95	-	9.79	9.89	10.42	10.53	-
336	Nonferrous foundries	358.57	360.12	382.39	381.43	-	8.81	8.87	9.04	9.06	-
3361	Aluminum foundries	369.24	372.19	398.82	398.23	-	9.05	9.10	9.34	9.37	-
34	FABRICATED METAL PRODUCTS	361.10	364.61	387.61	385.74	389.38	9.05	9.07	9.34	9.34	9.36
341	Metal cans and shipping containers	500.86	508.57	525.58	517.86	-	12.04	12.08	12.28	12.33	-
3411	Metal cans	526.26	532.99	551.23	541.68	-	12.59	12.66	12.97	12.99	-
342	Cutlery, hand tools, and hardware	346.66	351.20	375.24	371.69	-	8.71	8.78	9.13	9.11	-
3423, 5	Hand and edge tools, and hand saws and blades	313.86	318.27	344.69	341.30	-	8.11	8.14	8.49	8.49	-
3429	Hardware, nec	363.41	368.34	390.82	385.40	-	9.04	9.14	9.44	9.40	-
343	Plumbing and heating, except electric	313.56	320.39	335.72	332.40	-	8.04	8.05	8.31	8.31	-
3432	Plumbing fittings and brass goods	301.08	311.12	336.52	335.77	-	7.72	7.72	8.07	8.13	-
3433	Heating equipment, except electric	314.70	313.15	324.62	314.11	-	8.09	8.05	8.26	8.18	-
344	Fabricated structural metal products	344.08	344.66	354.97	354.16	-	8.80	8.77	8.83	8.81	-
3441	Fabricated structural metal	359.60	359.85	375.32	372.08	-	9.15	9.11	9.29	9.21	-
3442	Metal doors, sash, and trim	266.04	268.02	281.56	282.58	-	6.91	6.89	7.11	7.10	-
3443	Fabricated plate work (boiler shops)	393.03	387.69	412.67	413.92	-	9.95	9.89	9.92	9.95	-
3444	Sheet metal work	351.12	351.90	353.23	352.74	-	8.98	9.00	8.92	8.93	-
3446	Architectural metal work	350.24	359.07	364.72	363.41	-	8.80	8.91	9.05	9.04	-
345	Screw machine products, bolts, etc.	331.85	336.00	377.56	376.68	-	8.38	8.40	8.76	8.76	-
3451	Screw machine products	303.03	304.97	341.82	341.01	-	7.75	7.76	8.10	8.10	-
3452	Bolts, nuts, rivets, and washers	360.59	367.20	416.30	414.42	-	8.97	9.00	9.44	9.44	-
346	Metal forgings and stampings	426.22	436.18	468.29	469.13	-	10.32	10.46	10.84	10.91	-
3462	Iron and steel forgings	443.45	445.22	502.35	515.66	-	11.17	11.30	11.82	12.02	-
3466	Automotive stampings	520.99	546.56	575.48	577.41	-	12.06	12.31	12.76	12.86	-
3469	Metal stampings, nec	325.60	325.19	345.28	343.20	-	8.14	8.15	8.34	8.33	-
347	Metal services, nec	286.80	286.22	310.42	305.04	-	7.17	7.12	7.48	7.44	-
3471	Plating and polishing	279.89	279.20	303.97	298.66	-	7.05	6.98	7.36	7.32	-
3479	Metal coating and allied services	305.59	303.28	328.38	322.82	-	7.49	7.47	7.80	7.76	-
348	Ordinance and accessories, nec	381.19	379.85	411.10	410.11	-	9.32	9.31	9.93	9.93	-
3483	Ammunition, exc. for small arms, nec	359.77	360.14	378.42	382.99	-	8.69	8.72	9.39	9.41	-
349	Misc. fabricated metal products	332.48	332.54	360.45	360.04	-	8.46	8.44	8.77	8.76	-
3494	Valves and pipe fittings	347.01	341.38	386.46	387.28	-	8.99	8.96	9.38	9.40	-
3496	Misc. fabricated wire products	288.99	296.51	317.87	315.12	-	7.41	7.45	7.81	7.80	-
35	MACHINERY, EXCEPT ELECTRICAL	378.40	379.20	416.49	416.91	419.74	9.46	9.48	9.94	9.95	9.97
351	Engines and turbines	455.50	457.45	543.95	542.72	-	11.62	11.64	12.65	12.74	-
3511	Turbines and turbine generator sets	442.52	444.43	481.18	472.82	-	11.26	11.28	11.94	11.88	-
3519	Internal combustion engines, nec	463.34	465.31	567.16	567.67	-	11.82	11.84	12.89	13.02	-
352	Farm and garden machinery	413.70	415.53	425.18	427.46	-	10.24	10.26	10.32	10.35	-
3523	Farm machinery and equipment	434.84	438.75	449.53	450.94	-	10.79	10.78	10.78	10.84	-
353	Construction and related machinery	395.97	397.98	441.25	447.79	-	10.05	10.05	10.71	10.79	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
32	STONE, CLAY, AND GLASS PRODUCTS	40.4	40.9	41.5	41.5	42.4	3.5	3.7	4.3	4.4	-
321	Flat glass	42.3	43.3	43.2	43.5	-	4.0	4.2	4.4	4.9	-
322	Glass and glassware, pressed or blown	40.0	40.6	40.7	40.7	-	3.7	3.7	4.1	4.1	-
3221	Glass containers	39.7	40.6	40.5	40.7	-	4.4	4.5	4.6	4.7	-
3229	Pressed and blown glass, nec	40.4	40.6	41.0	40.6	-	2.7	2.7	3.6	3.5	-
323	Products of purchased glass	39.5	39.8	41.5	41.1	-	2.1	2.4	3.4	3.2	-
324	Cement, hydraulic	41.9	41.0	42.1	42.5	-	3.1	2.5	3.4	3.9	-
325	Structural clay products	40.5	41.3	41.7	42.3	-	2.9	3.2	3.6	3.9	-
326	Pottery and related products	38.9	39.0	39.8	39.4	-	1.7	1.7	2.2	2.3	-
327	Concrete, gypsum, and plaster products	40.8	41.6	41.8	41.7	-	5.0	5.1	5.5	5.7	-
3271	Concrete block and brick	42.2	44.0	42.3	42.6	-	5.8	6.6	5.4	6.2	-
3272	Concrete products, nec	41.5	41.6	42.8	42.5	-	4.5	4.0	5.1	5.2	-
3273	Ready-mixed concrete	38.7	40.4	39.8	39.8	-	4.7	5.1	5.0	5.1	-
329	Misc. nonmetallic mineral products	40.8	41.0	42.3	42.4	-	2.6	2.9	4.1	4.2	-
3291	Abrasive products	40.1	40.1	41.8	41.6	-	1.8	2.3	3.1	3.1	-
3292	Asbestos products	43.1	42.5	43.4	43.7	-	2.6	2.9	4.7	4.7	-
33	PRIMARY METAL INDUSTRIES	39.7	40.1	42.0	42.0	42.2	2.5	2.7	4.1	4.0	-
331	Blast furnace and basic steel products	38.1	39.2	41.2	41.1	-	1.6	1.9	3.6	3.4	-
3312	Blast furnaces and steel mills	37.7	38.8	40.8	40.6	-	1.5	1.8	3.5	3.2	-
3317	Steel pipe and tubes	40.3	41.4	42.7	42.9	-	2.3	3.3	3.9	3.9	-
332	Iron and steel foundries	39.0	38.7	41.8	41.7	-	2.1	2.1	4.0	4.0	-
3321	Gray iron foundries	39.1	38.7	41.9	41.7	-	2.3	2.3	4.4	4.3	-
3322	Malleable iron foundries	39.4	39.4	41.3	40.6	-	1.8	1.9	2.9	2.9	-
3325	Steel foundries, nec	38.1	38.0	41.1	41.3	-	1.5	1.6	3.0	3.3	-
333	Primary nonferrous metals	41.6	41.2	42.1	42.3	-	2.6	2.6	3.4	3.5	-
3334	Primary aluminum	42.0	40.9	42.1	42.5	-	2.8	2.9	3.7	3.9	-
335	Nonferrous rolling and drawing	42.3	42.4	43.5	43.7	-	3.9	4.2	5.4	5.4	-
3351	Copper rolling and drawing	43.0	42.9	45.0	45.2	-	3.4	3.7	6.0	5.7	-
3353	Aluminum sheet, plate and foil	42.0	42.2	43.8	43.7	-	5.4	5.3	6.3	6.2	-
3357	Nonferrous wire drawing and insulating	42.0	41.8	42.8	43.3	-	3.6	3.8	5.1	5.4	-
338	Nonferrous foundries	40.7	40.6	42.3	42.1	-	3.0	3.3	4.0	3.9	-
3381	Aluminum foundries	40.8	40.9	42.7	42.5	-	3.0	3.4	4.2	4.2	-
34	FABRICATED METAL PRODUCTS	39.9	40.2	41.5	41.3	41.6	2.3	2.5	3.6	3.5	-
341	Metal cans and shipping containers	41.6	42.1	42.8	42.0	-	4.1	4.3	5.3	4.7	-
3411	Metal cans	41.8	42.1	42.5	41.7	-	4.2	4.3	5.3	4.7	-
342	Cutlery, hand tools, and hardware	39.8	40.0	41.1	40.8	-	1.9	2.2	3.2	2.9	-
3423, 5	Hand and edge tools, and hand saws and blades	38.7	39.1	40.6	40.2	-	1.3	1.4	2.5	2.3	-
3429	Hardware, nec	40.2	40.3	41.4	41.0	-	2.3	2.8	3.7	3.2	-
343	Plumbing and heating, except electric	39.0	39.8	40.4	40.0	-	1.7	1.9	2.4	2.0	-
3432	Plumbing fittings and brass goods	39.0	40.3	41.7	41.3	-	1.8	2.3	3.1	2.9	-
3433	Heating equipment, except electric	38.9	38.9	39.3	38.4	-	1.1	1.0	1.8	1.0	-
344	Fabricated structural metal products	39.1	39.3	40.2	40.2	-	2.0	2.0	2.7	2.8	-
3441	Fabricated structural metal	39.3	39.5	40.4	40.4	-	2.3	2.3	2.8	2.8	-
3442	Metal doors, sash, and trim	38.5	38.9	39.6	39.8	-	1.4	2.0	2.1	2.5	-
3443	Fabricated plate work (boiler shops)	39.5	39.2	41.6	41.6	-	2.2	1.7	3.1	3.2	-
3444	Sheet metal work	39.1	39.1	39.6	39.5	-	2.1	2.2	3.0	2.9	-
3446	Architectural metal work	39.8	40.3	40.3	40.2	-	1.8	2.0	2.7	2.7	-
345	Screw machine products, bolts, etc.	39.6	40.0	43.1	43.0	-	2.2	2.4	5.0	5.0	-
3451	Screw machine products	39.1	39.3	42.2	42.1	-	1.7	1.8	4.5	4.6	-
3452	Bolts, nuts, rivets, and washers	40.2	40.8	44.1	43.9	-	2.7	2.9	5.6	5.4	-
346	Metal forgings and stampings	41.3	41.7	43.2	43.0	-	3.2	3.7	4.9	4.9	-
3462	Iron and steel forgings	39.7	39.4	42.5	42.9	-	2.3	2.3	4.5	4.7	-
3465	Automotive stampings	43.2	44.4	45.1	44.9	-	4.3	5.6	6.4	6.3	-
3469	Metal stampings, nec	40.0	39.9	41.4	41.2	-	2.3	2.3	3.7	3.6	-
347	Metal services, nec	40.0	40.2	41.5	41.0	-	2.8	3.0	3.8	3.6	-
3471	Plating and polishing	39.7	40.0	41.3	40.8	-	2.7	2.8	3.6	3.4	-
3479	Metal coating and allied services	40.8	40.6	42.1	41.6	-	3.1	3.5	4.4	4.1	-
348	Ordnance and accessories, nec	40.9	40.8	41.4	41.3	-	2.0	2.2	2.8	2.7	-
3483	Ammunition, exc. for small arms, nec	41.4	41.3	40.3	40.7	-	1.6	1.5	1.6	1.6	-
348	Misc. fabricated metal products	39.3	39.4	41.1	41.1	-	1.7	1.8	3.0	3.0	-
3484	Valves and pipe fittings	38.6	38.1	41.2	41.2	-	1.4	1.4	3.3	3.3	-
3496	Misc. fabricated wire products	39.0	39.8	40.7	40.4	-	1.8	1.8	2.8	2.7	-
35	MACHINERY, EXCEPT ELECTRICAL	40.0	40.0	41.9	41.9	42.1	2.2	2.2	3.8	3.7	-
351	Engines and turbines	39.2	39.3	43.0	42.6	-	1.8	1.8	5.5	5.4	-
3511	Turbines and turbine generator sets	39.3	39.4	40.3	39.8	-	2.8	2.6	3.3	3.3	-
3519	Internal combustion engines, nec	39.2	39.3	44.0	43.6	-	1.2	1.4	6.3	6.1	-
352	Farm and garden machinery	40.4	40.5	41.2	41.3	-	2.5	2.5	3.0	3.0	-
3523	Farm machinery and equipment	40.3	40.7	41.7	41.6	-	2.5	2.7	3.1	3.0	-
353	Construction and related machinery	39.4	39.6	41.2	41.5	-	1.7	1.9	3.2	3.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
MACHINERY, EXCEPT ELECTRICAL—Continued											
3531	Construction machinery	\$416.52	\$416.12	\$474.37	\$479.57	-	\$10.31	\$10.30	\$11.57	\$11.64	-
3532	Mining machinery	414.15	412.30	460.73	460.20	-	10.87	10.85	11.21	11.17	-
3533	Oil field machinery	414.61	418.95	459.48	468.26	-	10.47	10.50	10.94	11.07	-
3535	Conveyers and conveying equipment	342.50	340.45	352.63	371.68	-	8.85	8.82	8.95	9.20	-
3537	Industrial trucks and tractors	338.31	350.34	385.93	391.46	-	8.95	8.96	9.39	9.41	-
354	Metalworking machinery	390.74	391.55	432.43	429.14	-	9.72	9.74	10.08	10.05	-
3541	Machine tools, metal cutting types	376.96	383.85	424.85	423.11	-	9.92	9.97	10.02	10.05	-
3542	Machine tools, metal forming types	396.42	398.86	453.25	454.11	-	10.27	10.36	10.59	10.61	-
3544	Special dies, tools, jigs, and fixtures	429.11	426.83	468.90	465.65	-	10.34	10.31	10.73	10.68	-
3545	Machine tool accessories	345.54	347.70	392.54	386.48	-	8.77	8.87	9.28	9.18	-
3546	Power driven hand tools	298.70	300.30	333.74	325.58	-	7.62	7.70	8.16	8.16	-
355	Special industry machinery	370.40	371.05	400.19	401.86	-	9.26	9.23	9.62	9.66	-
3551	Food products machinery	386.40	386.40	419.67	417.91	-	9.66	9.66	10.04	10.07	-
3552	Textile machinery	287.56	288.95	313.41	318.19	-	7.28	7.26	7.48	7.54	-
3555	Printing trades machinery	377.40	391.41	413.25	415.66	-	9.62	9.57	9.91	10.04	-
356	General industrial machinery	372.49	371.84	410.05	408.66	-	9.43	9.39	9.74	9.73	-
3561	Pumps and pumping equipment	383.76	387.50	434.24	431.34	-	9.84	9.81	10.29	10.27	-
3562	Ball and roller bearings	376.38	379.76	429.00	434.06	-	9.18	9.24	9.75	9.91	-
3563	Air and gas compressors	405.50	395.92	402.37	394.83	-	10.24	10.10	9.79	9.63	-
3564	Blowers and fans	348.94	342.61	352.96	352.00	-	8.68	8.63	8.78	8.67	-
3566	Speed changers, drives, and gears	368.63	368.93	424.15	416.34	-	9.83	9.76	10.32	10.28	-
3568	Power transmission equipment, nec	356.19	367.54	413.84	407.83	-	9.30	9.40	9.83	9.78	-
357	Office and computing machines	341.13	342.33	373.89	374.36	-	8.30	8.37	8.86	8.85	-
3573	Electronic computing equipment	341.55	341.95	372.27	372.27	-	8.25	8.32	8.78	8.78	-
358	Refrigeration and service machinery	357.30	361.78	396.07	400.61	-	9.00	9.09	9.59	9.63	-
3585	Refrigeration and heating equipment	370.67	377.88	409.76	412.00	-	9.29	9.40	9.85	9.88	-
359	Misc. machinery, except electrical	369.72	368.24	403.66	402.82	-	9.36	9.37	9.68	9.66	-
3592	Carburetors, pistons, rings, valves	419.69	421.61	486.78	487.41	-	10.44	10.41	11.59	11.55	-
3599	Machinery, except electrical, nec	361.69	359.33	389.38	388.54	-	9.18	9.19	9.36	9.34	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	384.00	344.86	364.56	364.90	\$365.31	8.60	8.60	8.87	8.90	\$8.91
361	Electric distributing equipment	323.70	324.97	345.06	347.54	-	8.30	8.29	8.52	8.56	-
3612	Transformers	321.50	319.51	351.02	353.97	-	8.16	8.13	8.52	8.55	-
3613	Switchgear and switchboard apparatus	325.08	328.83	340.80	342.40	-	8.40	8.41	8.52	8.56	-
362	Electrical industrial apparatus	339.08	342.94	369.49	372.04	-	8.65	8.66	8.99	9.03	-
3621	Motors and generators	350.54	351.95	376.20	376.06	-	8.72	8.69	9.00	9.04	-
3622	Industrial controls	317.89	326.76	344.60	347.20	-	8.30	8.40	8.68	8.68	-
363	Household appliances	330.72	335.02	362.15	356.57	-	8.48	8.46	8.92	8.87	-
3632	Household refrigerators and freezers	393.31	374.22	413.71	415.95	-	9.64	9.45	10.19	10.22	-
3633	Household laundry equipment	397.20	397.19	451.12	413.28	-	9.98	10.03	10.69	10.41	-
3634	Electric housewares and fans	251.94	259.62	269.68	268.42	-	6.63	6.64	6.81	6.83	-
364	Electric lighting and wiring equipment	323.95	327.57	342.35	343.17	-	7.94	7.97	8.35	8.37	-
3641	Electric lamps	389.73	393.33	388.42	386.24	-	9.17	9.19	9.52	9.49	-
3643	Current-carrying wiring devices	300.03	302.91	322.51	323.75	-	7.39	7.37	7.79	7.82	-
3644	Noncurrent-carrying wiring devices	323.14	327.89	338.75	337.85	-	8.16	8.28	8.49	8.51	-
3645	Residential lighting fixtures	255.23	256.88	261.85	258.05	-	6.18	6.25	6.53	6.50	-
365	Radio and TV receiving equipment	319.59	318.70	354.03	360.39	-	8.05	8.13	8.72	8.79	-
3651	Radio and TV receiving sets	331.85	331.01	372.45	381.78	-	8.38	8.38	9.04	9.09	-
366	Communication equipment	419.40	413.29	439.30	436.24	-	10.33	10.23	10.56	10.64	-
3661	Telephone and telegraph apparatus	411.83	410.44	441.21	425.72	-	10.27	10.21	10.53	10.46	-
3662	Radio and TV communication equipment	423.10	414.72	438.01	441.00	-	10.37	10.24	10.58	10.73	-
367	Electronic components and accessories	300.75	302.35	318.06	318.48	-	7.50	7.54	7.72	7.73	-
3671-3	Electronic tubes	388.80	388.24	419.89	431.29	-	9.60	9.61	9.95	10.03	-
3674	Semiconductors and related devices	336.94	340.05	376.55	377.52	-	8.34	8.48	9.03	9.01	-
3679	Electronic components, nec	283.31	284.01	290.28	290.39	-	7.03	7.03	7.08	7.10	-
369	Misc. electrical equipment and supplies	364.11	369.84	396.20	399.10	-	9.08	9.20	9.57	9.64	-
3691	Storage batteries	373.74	380.78	415.07	406.61	-	9.51	9.64	10.05	10.14	-
3694	Engine electrical equipment	381.35	397.80	421.00	433.50	-	9.51	9.75	10.00	10.20	-
37	TRANSPORTATION EQUIPMENT	480.28	484.26	515.66	522.02	524.80	11.49	11.53	12.02	12.14	12.12
371	Motor vehicles and equipment	505.33	519.17	545.68	562.93	-	11.89	11.99	12.43	12.65	-
3711	Motor vehicles and car bodies	559.34	576.84	597.87	632.35	-	13.13	13.20	13.65	13.99	-
3713	Truck and bus bodies	340.80	357.62	385.67	391.07	-	8.52	8.68	9.57	9.68	-
3714	Motor vehicle parts and accessories	483.21	494.33	532.97	534.70	-	11.29	11.39	11.95	12.07	-
3715	Truck trailers	331.89	323.85	372.80	373.93	-	8.36	8.39	8.94	8.84	-
372	Aircraft and parts	483.55	480.05	519.06	512.51	-	11.68	11.68	12.30	12.32	-
3721	Aircraft	512.93	508.80	-	-	-	12.48	12.44	-	-	-
3724	Aircraft engines and engine parts	463.90	461.30	509.83	513.66	-	11.37	11.39	12.11	12.23	-
3728	Aircraft equipment, nec	451.34	447.74	478.34	472.34	-	10.57	10.61	11.15	11.14	-
373	Ship and boat building and repairing	406.42	392.44	428.49	417.18	-	10.06	9.91	10.35	10.25	-
3731	Shipbuilding and repairing	435.23	419.89	465.04	454.01	-	10.72	10.63	11.26	11.21	-
3732	Boat building and repairing	305.66	304.44	317.41	310.24	-	7.68	7.63	7.63	7.53	-
374	Railroad equipment	434.72	437.75	478.85	492.47	-	11.44	11.37	12.47	12.22	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	40.4	40.4	41.0	41.2	-	1.8	2.1	2.5	2.3	-
3532	Mining machinery	38.1	38.0	41.1	41.2	-	1.2	1.2	2.6	2.8	-
3533	Oil field machinery	39.6	39.9	42.0	42.3	-	1.8	2.2	4.6	4.3	-
3535	Conveyers and conveying equipment	38.7	38.6	39.4	40.4	-	1.5	1.5	2.3	2.8	-
3537	Industrial trucks and tractors	37.8	39.1	41.1	41.6	-	1.4	1.6	3.2	3.5	-
354	Metalworking machinery	40.2	40.2	42.9	42.7	-	2.8	2.8	4.9	4.7	-
3541	Machine tools, metal cutting types	38.0	38.5	42.4	42.1	-	1.3	1.4	3.6	3.3	-
3542	Machine tools, metal forming types	38.6	38.5	42.8	42.8	-	2.0	2.3	4.6	4.7	-
3544	Special dies, tools, jigs, and fixtures	41.5	41.4	43.7	43.6	-	3.9	3.8	5.8	5.7	-
3545	Machine tool accessories	39.4	39.2	42.3	42.1	-	1.7	2.0	4.4	4.1	-
3546	Power driven hand tools	39.2	39.0	40.9	39.9	-	1.8	1.7	3.4	3.0	-
355	Special industry machinery	40.0	40.2	41.6	41.6	-	2.1	2.3	3.4	3.4	-
3551	Food products machinery	40.0	40.0	41.8	41.5	-	2.0	2.1	2.8	2.6	-
3552	Textile machinery	39.5	39.8	41.9	42.2	-	1.5	1.6	3.2	3.4	-
3555	Printing trades machinery	39.2	40.9	41.7	41.4	-	2.3	3.3	3.5	3.4	-
356	General industrial machinery	39.5	39.6	42.1	42.0	-	1.8	1.9	3.8	3.7	-
3561	Pumps and pumping equipment	39.0	39.5	42.2	42.0	-	1.3	1.5	3.7	3.5	-
3562	Ball and roller bearings	41.0	41.1	44.0	43.8	-	2.4	2.7	4.7	4.9	-
3563	Air and gas compressors	39.6	39.2	41.1	41.0	-	1.7	1.4	3.0	3.1	-
3564	Blowers and fans	40.2	39.7	41.2	40.6	-	1.4	1.3	2.9	2.5	-
3566	Speed changers, drives, and gears	37.5	37.8	41.1	40.5	-	1.3	1.2	3.9	3.0	-
3568	Power transmission equipment, nec	38.3	39.1	42.1	41.7	-	2.1	2.4	4.8	4.3	-
357	Office and computing machines	41.1	40.9	42.2	42.3	-	2.4	2.3	3.1	3.0	-
3573	Electronic computing equipment	41.4	41.1	42.4	42.4	-	2.7	2.4	3.1	3.0	-
358	Refrigeration and service machinery	39.7	39.8	41.3	41.6	-	1.6	1.8	3.4	3.8	-
3585	Refrigeration and heating equipment	39.9	40.2	41.6	41.7	-	1.5	1.9	3.6	3.9	-
359	Misc. machinery, except electrical	39.5	39.3	41.7	41.7	-	2.4	2.3	3.9	3.9	-
3592	Carburetors, pistons, rings, valves	40.2	40.5	42.0	42.2	-	2.2	3.0	3.8	4.1	-
3599	Machinery, except electrical, nec	39.4	39.1	41.6	41.6	-	2.4	2.1	3.9	3.9	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	40.0	40.1	41.1	41.0	41.0	2.1	2.2	3.1	3.1	-
361	Electric distributing equipment	39.0	39.2	40.5	40.6	-	1.6	1.8	2.6	2.6	-
3612	Transformers	39.4	39.3	41.2	41.4	-	1.8	1.9	2.9	2.9	-
3613	Switchgear and switchboard apparatus	38.7	39.1	40.0	40.0	-	1.5	1.7	2.3	2.4	-
362	Electrical industrial apparatus	39.2	39.6	41.1	41.2	-	1.9	1.9	3.2	3.2	-
3621	Motors and generators	40.2	40.5	41.8	41.6	-	2.2	2.1	3.5	3.5	-
3622	Industrial controls	38.3	38.9	39.7	40.0	-	1.6	1.7	2.6	2.8	-
363	Household appliances	39.0	39.6	40.6	40.2	-	1.4	1.9	2.7	2.3	-
3632	Household refrigerators and freezers	40.8	39.6	40.6	40.7	-	1.7	1.7	2.3	2.2	-
3633	Household laundry equipment	39.8	39.6	42.2	39.7	-	1.3	1.4	3.4	.7	-
3634	Electric housewares and fans	38.0	39.1	39.6	39.3	-	1.2	1.8	2.6	2.4	-
364	Electric lighting and wiring equipment	40.8	41.1	41.0	41.0	-	2.4	2.7	3.2	3.5	-
3641	Electric lamps	42.5	42.8	40.8	40.7	-	2.6	3.0	2.6	3.2	-
3643	Current-carrying wiring devices	40.6	41.1	41.4	41.4	-	2.6	3.1	3.6	3.9	-
3644	Noncurrent-carrying wiring devices	39.6	39.6	39.9	39.7	-	1.4	1.6	2.0	1.8	-
3645	Residential lighting fixtures	41.3	41.1	40.1	39.7	-	1.9	2.1	2.4	2.6	-
365	Radio and TV receiving equipment	39.7	39.2	40.6	41.0	-	1.9	1.8	3.0	3.3	-
3651	Radio and TV receiving sets	39.6	39.5	41.2	42.0	-	1.8	2.0	3.6	3.9	-
366	Communication equipment	40.6	40.4	41.6	41.0	-	2.2	2.0	2.9	2.7	-
3661	Telephone and telegraph apparatus	40.1	40.2	41.9	40.7	-	2.0	2.0	3.6	3.1	-
3662	Radio and TV communication equipment	40.8	40.5	41.4	41.1	-	2.3	2.0	2.5	2.5	-
367	Electronic components and accessories	40.1	40.1	41.2	41.2	-	2.4	2.4	3.5	3.6	-
3671-3	Electronic tubes	40.5	40.4	42.2	43.0	-	1.9	1.7	3.0	3.2	-
3674	Semiconductors and related devices	40.4	40.1	41.7	41.9	-	2.8	2.9	4.2	4.3	-
3679	Electronic components, nec	40.3	40.4	41.0	40.9	-	2.4	2.5	3.4	3.5	-
369	Misc. electrical equipment and supplies	40.1	40.2	41.4	41.4	-	2.0	2.2	3.2	3.4	-
3691	Storage batteries	39.3	39.5	41.3	40.1	-	1.5	1.6	2.0	1.4	-
3694	Engine electrical equipment	40.1	40.8	42.1	42.5	-	2.1	2.8	3.9	4.7	-
37	TRANSPORTATION EQUIPMENT	41.8	42.0	42.9	43.0	43.3	3.3	3.7	4.6	4.9	-
371	Motor vehicles and equipment	42.5	43.3	43.9	44.5	-	3.7	4.6	5.5	5.1	-
3711	Motor vehicles and car bodies	42.6	43.7	43.8	45.2	-	3.9	5.1	5.7	7.1	-
3713	Truck and bus bodies	40.0	41.2	40.3	40.4	-	2.2	2.7	2.7	2.9	-
3714	Motor vehicle parts and accessories	42.8	43.4	44.6	44.3	-	3.9	4.4	5.9	5.7	-
3715	Truck trailers	39.7	38.6	41.7	42.3	-	1.5	1.4	4.2	4.4	-
372	Aircraft and parts	41.4	41.1	42.2	41.6	-	3.0	2.9	3.8	3.6	-
3721	Aircraft	41.1	40.9	-	-	-	2.5	2.4	-	-	-
3724	Aircraft engines and engine parts	40.8	40.5	42.1	42.0	-	3.2	3.1	4.5	4.8	-
3728	Aircraft equipment, nec	42.7	42.2	42.9	42.4	-	3.6	3.5	4.1	3.9	-
373	Ship and boat building and repairing	40.4	39.6	41.4	40.7	-	3.0	2.5	3.7	3.6	-
3731	Ship building and repairing	40.6	39.5	41.3	40.5	-	3.2	2.6	3.9	3.8	-
3732	Boat building and repairing	39.8	39.9	41.6	41.2	-	2.2	2.3	3.0	2.9	-
374	Railroad equipment	38.0	38.5	38.4	40.3	-	1.3	1.6	1.5	2.5	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
TRANSPORTATION EQUIPMENT—Continued											
376	Guided missiles, space vehicles, parts	\$470.41	\$475.12	\$497.62	\$494.15	-	\$11.39	\$11.56	\$11.82	\$11.85	-
3761	Guided missiles and space vehicles	482.23	486.93	508.80	504.11	-	11.62	11.79	12.00	12.06	-
379	Miscellaneous transportation equipment	403.68	411.16	393.03	395.97	-	9.87	9.86	9.90	9.85	-
3792	Travel trailers and campers	331.30	356.55	331.19	331.96	-	8.16	8.35	8.58	8.49	-
38	INSTRUMENTS AND RELATED PRODUCTS	340.49	339.25	359.26	360.91	\$366.91	8.47	8.46	8.72	8.76	\$8.82
381	Engineering and scientific instruments	366.68	361.97	384.50	381.30	-	8.90	8.85	9.31	9.30	-
382	Measuring and controlling devices	337.11	334.22	360.67	359.35	-	8.47	8.44	8.67	8.69	-
3822	Environmental controls	313.50	302.25	339.49	333.74	-	7.76	7.75	8.22	8.16	-
3823	Process control instruments	333.08	327.71	364.88	366.03	-	8.39	8.36	8.75	8.82	-
3825	Instruments to measure electricity	359.90	358.49	378.06	379.32	-	9.02	8.94	8.98	9.01	-
383	Optical instruments and lenses	379.95	377.87	408.64	430.76	-	8.94	9.04	9.57	9.79	-
384	Medical instruments and supplies	292.07	292.00	309.87	311.08	-	7.32	7.30	7.67	7.70	-
3841	Surgical and medical instruments	298.15	294.40	311.92	313.10	-	7.38	7.36	7.74	7.75	-
3842	Surgical appliances and supplies	288.62	289.20	308.56	307.89	-	7.27	7.23	7.60	7.64	-
385	Ophthalmic goods	250.49	251.62	255.20	253.84	-	6.39	6.37	6.38	6.41	-
386	Photographic equipment and supplies	455.26	456.33	473.30	484.21	-	11.05	11.13	11.35	11.42	-
387	Watches, clocks, and watchcases	243.75	241.78	263.49	259.85	-	6.25	6.28	6.49	6.48	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	263.25	263.64	276.80	276.11	278.50	6.75	6.76	6.99	6.99	6.98
391	Jewelry, silverware, and plated ware	273.56	272.54	281.98	282.37	-	7.18	7.21	7.44	7.47	-
3911	Jewelry, precious metal	264.38	261.93	274.16	274.15	-	7.05	7.06	7.45	7.47	-
393	Musical instruments	262.81	257.85	271.48	270.18	-	6.62	6.68	6.77	6.84	-
394	Toys and sporting goods	249.48	248.61	256.88	256.31	-	6.30	6.31	6.39	6.36	-
3942, 4	Dolls, games, toys, and children's vehicles	236.38	234.96	240.52	237.12	-	6.03	6.04	6.12	6.08	-
3949	Sporting and athletic goods, nec	262.25	261.49	271.42	273.65	-	6.54	6.57	6.62	6.61	-
395	Pens, pencils, office and art supplies	275.77	278.99	298.25	299.39	-	6.86	6.94	7.31	7.32	-
396	Costume jewelry and notions	208.25	212.24	218.21	215.50	-	5.69	5.69	5.85	5.84	-
3961	Costume jewelry	183.38	184.63	186.20	188.14	-	5.30	5.26	5.26	5.27	-
399	Miscellaneous manufactures	286.44	287.17	307.53	306.77	-	7.27	7.27	7.65	7.65	-
3993	Signs and advertising displays	313.20	311.25	322.39	324.77	-	7.83	7.84	8.08	8.16	-
NONDURABLE GOODS											
20	FOOD AND KINDRED PRODUCTS	316.61	318.98	326.93	328.94	332.20	8.16	8.20	8.34	8.37	8.41
201	Meat products	289.91	292.92	275.50	282.46	-	7.53	7.53	7.25	7.28	-
2011	Meat packing plants	361.90	366.61	326.67	336.13	-	8.87	8.92	8.27	8.32	-
2013	Sausages and other prepared meats	353.19	354.88	340.17	345.25	-	9.01	9.03	8.79	8.83	-
2016	Poultry dressing plants	187.95	191.46	195.48	201.47	-	5.25	5.26	5.43	5.46	-
202	Dairy products	338.99	341.47	356.13	357.93	-	8.37	8.39	8.75	8.73	-
2022	Cheese, natural and processed	310.34	309.99	326.49	324.14	-	8.04	8.01	8.35	8.29	-
2026	Fluid milk	353.50	356.90	371.13	372.59	-	8.58	8.60	8.90	8.85	-
203	Preserved fruits and vegetables	279.32	281.96	297.98	293.76	-	7.37	7.42	7.80	7.67	-
2032	Canned specialties	338.84	317.81	374.74	354.02	-	8.60	8.43	9.23	8.94	-
2033	Canned fruits and vegetables	292.92	289.94	309.66	304.38	-	7.53	7.59	7.94	8.01	-
2037	Frozen fruits and vegetables	261.75	269.58	276.57	274.74	-	6.87	6.93	7.24	7.23	-
204	Grain mill products	394.70	394.06	416.50	419.90	-	9.26	9.36	9.80	9.88	-
2041	Flour and other grain mill products	436.11	435.18	447.75	448.68	-	9.46	9.44	10.13	10.06	-
2048	*Prepared feeds, nec	314.39	320.35	318.94	321.73	-	7.38	7.52	7.54	7.57	-
205	Bakery products	329.24	333.26	349.00	351.21	-	8.71	8.77	9.16	9.17	-
2051	Bread, cake, and related products	330.75	332.89	340.55	343.13	-	8.82	8.83	9.13	9.15	-
2052	Cookies and crackers	324.56	332.82	370.12	370.64	-	8.43	8.60	9.23	9.22	-
206	Sugar and confectionery products	312.39	308.32	329.25	324.23	-	8.01	8.05	8.17	8.25	-
2061-3	Cane and beet sugar	410.86	388.85	414.41	406.14	-	9.69	9.77	9.66	9.93	-
2065	Confectionery products	258.54	258.96	274.87	273.41	-	6.95	6.98	7.03	7.12	-
207	Fats and oils	359.52	375.76	387.13	378.71	-	8.56	8.80	8.92	8.89	-
208	Beverages	403.13	409.31	424.39	433.08	-	10.18	10.31	10.69	10.80	-
2082	Malt beverages	564.44	577.26	617.70	636.41	-	13.70	13.81	14.50	14.63	-
2086	Bottled and canned soft drinks	294.90	299.15	310.23	316.95	-	7.64	7.73	8.10	8.19	-
209	Misc. foods and kindred products	264.25	262.81	282.37	280.50	-	7.22	7.24	7.49	7.48	-
21	TOBACCO MANUFACTURES	378.61	395.75	402.57	414.77	433.96	10.43	10.61	11.09	11.21	11.39
211	Cigarettes	445.32	464.88	481.06	500.79	-	12.37	12.43	13.40	13.39	-
22	TEXTILE MILL PRODUCTS	242.57	246.83	260.25	261.06	263.40	6.11	6.14	6.41	6.43	6.44
221	Weaving mills, cotton	256.00	256.00	273.78	272.43	-	6.40	6.40	6.76	6.76	-
222	Weaving mills, synthetics	259.35	265.12	284.83	280.42	-	6.50	6.53	6.88	6.89	-
223	Weaving and finishing mills, wool	251.86	256.94	285.35	276.75	-	6.36	6.36	6.73	6.75	-
224	Narrow fabric mills	229.25	232.22	247.64	248.46	-	5.76	5.82	6.04	6.06	-
225	Knitting mills	212.62	218.48	226.98	228.14	-	5.61	5.66	5.85	5.88	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours					
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	
	TRANSPORTATION EQUIPMENT—Continued											
376	Guided missiles, space vehicles, parts	41.3	41.1	42.1	41.7	-	2.9	3.0	3.4	3.3	-	
3761	Guided missiles and space vehicles	41.5	41.3	42.4	41.8	-	3.0	3.1	3.5	3.4	-	
379	Miscellaneous transportation equipment	40.9	41.7	39.7	40.2	-	3.6	4.5	2.7	3.4	-	
3792	Travel trailers and campers	40.6	42.7	38.6	39.1	-	3.1	5.1	2.5	3.0	-	
38	INSTRUMENTS AND RELATED PRODUCTS	40.2	40.1	41.2	41.2	41.6	1.8	1.7	2.4	2.5	-	
381	Engineering and scientific instruments	41.2	40.9	41.3	41.0	-	2.5	2.3	2.6	2.6	-	
382	Measuring and controlling devices	39.8	39.6	41.6	41.4	-	1.5	1.3	2.3	2.4	-	
3822	Environmental controls	40.4	39.0	41.3	40.9	-	2.2	1.8	2.9	2.6	-	
3823	Process control instruments	39.7	39.2	41.7	41.5	-	1.2	1.1	2.3	2.5	-	
3825	Instruments to measure electricity	39.9	40.1	42.1	42.1	-	1.3	1.1	1.9	2.2	-	
383	Optical instruments and lenses	42.5	41.8	42.7	44.0	-	2.4	2.4	3.2	3.8	-	
384	Medical instruments and supplies	39.9	40.0	40.4	40.4	-	1.9	2.0	2.5	2.5	-	
3841	Surgical and medical instruments	40.4	40.0	40.3	40.4	-	2.1	2.0	2.6	2.8	-	
3842	Surgical appliances and supplies	39.7	40.0	40.6	40.3	-	1.8	2.0	2.4	2.3	-	
385	Ophthalmic goods	39.2	39.5	40.0	39.6	-	1.6	1.5	1.5	1.4	-	
386	Photographic equipment and supplies	41.2	41.0	41.7	42.4	-	1.7	1.8	2.5	2.6	-	
387	Watches, clocks, and watchcases	39.0	38.5	40.6	40.1	-	2.3	2.2	2.7	3.2	-	
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	39.0	39.0	39.6	39.5	39.9	1.8	1.8	2.1	2.2	-	
391	Jewelry, silverware, and plated ware	38.1	37.8	37.9	37.8	-	1.6	1.5	1.3	1.5	-	
3911	Jewelry, precious metal	37.5	37.1	36.8	36.7	-	1.5	1.5	1.2	1.2	-	
393	Musical instruments	39.7	38.6	40.1	39.5	-	1.1	1.1	1.5	1.4	-	
394	Toys and sporting goods	39.6	39.4	40.2	40.3	-	1.8	1.7	2.3	2.4	-	
3942, 4	Dolls, games, toys, and children's vehicles	39.2	38.9	39.3	39.0	-	1.5	1.5	1.8	1.8	-	
3949	Sporting and athletic goods, nec	40.1	39.8	41.0	41.4	-	2.1	1.9	2.7	3.0	-	
395	Pens, pencils, office and art supplies	40.2	40.2	40.8	40.9	-	1.9	2.2	2.2	2.3	-	
396	Costume jewelry and notions	36.6	37.3	37.3	36.9	-	2.0	2.2	1.9	2.0	-	
3961	Costume jewelry	34.6	35.1	35.4	35.7	-	2.1	2.3	1.4	1.6	-	
399	Miscellaneous manufactures	39.4	39.5	40.2	40.1	-	2.0	1.9	2.4	2.4	-	
3993	Signs and advertising displays	40.0	39.7	39.9	39.8	-	2.5	2.3	2.6	2.7	-	
	NONDURABLE GOODS											
20	FOOD AND KINDRED PRODUCTS	38.8	38.9	39.2	39.3	39.5	3.0	3.1	3.3	3.3	-	
201	Meat products	38.5	38.9	38.0	38.8	-	3.0	3.2	2.8	3.2	-	
2011	Meat packing plants	40.8	41.1	39.5	40.4	-	4.0	4.2	3.4	4.1	-	
2013	Sausages and other prepared meats	39.2	39.3	38.7	39.1	-	3.1	3.1	2.6	2.8	-	
2016	Poultry dressing plants	35.8	36.4	36.0	36.9	-	2.1	2.3	2.2	2.4	-	
202	Dairy products	40.5	40.7	40.7	41.0	-	3.5	3.6	3.6	3.8	-	
2022	Cheese, natural and processed	38.6	38.7	39.1	39.1	-	3.2	3.2	3.2	3.1	-	
2026	Fluid milk	41.2	41.5	41.7	42.1	-	3.8	3.9	4.1	4.3	-	
203	Preserved fruits and vegetables	37.9	38.0	38.8	38.3	-	2.3	2.7	3.2	2.6	-	
2032	Canned specialties	39.4	37.7	40.6	39.6	-	3.1	2.6	6.2	3.8	-	
2033	Canned fruits and vegetables	38.9	38.2	39.0	38.0	-	2.1	2.4	2.7	2.2	-	
2037	Frozen fruits and vegetables	38.1	38.9	38.2	38.0	-	1.8	2.7	3.0	2.2	-	
204	Grain mill products	42.3	42.1	42.5	42.5	-	4.7	4.7	5.0	5.1	-	
2041	Flour and other grain mill products	46.1	46.1	44.2	44.6	-	6.3	6.3	6.4	6.0	-	
2048	Prepared feeds, nec	42.6	42.6	42.3	42.5	-	5.2	5.3	4.8	4.8	-	
205	Bakery products	37.8	38.0	38.1	38.3	-	2.8	2.9	2.9	2.9	-	
2061	Bread, cake, and related products	37.5	37.7	37.3	37.5	-	2.9	3.1	3.0	3.0	-	
2052	Cookies and crackers	38.5	38.7	40.1	40.2	-	2.6	2.4	2.5	2.4	-	
206	Sugar and confectionery products	39.0	38.3	40.3	39.3	-	2.5	2.1	2.9	2.9	-	
2061-3	Cane and beet sugar	42.4	39.8	42.9	40.9	-	4.9	4.0	4.6	4.9	-	
2065	Confectionery products	37.2	37.1	39.1	38.4	-	1.5	1.3	2.1	2.1	-	
207	Fats and oils	42.0	42.7	43.4	42.6	-	4.4	4.9	5.1	4.4	-	
208	Beverages	39.6	39.7	39.7	40.1	-	3.1	3.3	2.9	3.2	-	
2082	Malt beverages	41.2	41.8	42.6	43.5	-	4.9	5.5	4.2	4.9	-	
2086	Bottled and canned soft drinks	38.6	38.7	38.3	38.7	-	2.4	2.5	2.4	2.7	-	
209	Misc. foods and kindred products	36.6	36.3	37.7	37.5	-	2.6	2.3	3.5	3.5	-	
21	TOBACCO MANUFACTURES	36.3	37.3	36.3	37.0	38.1	.8	.8	.7	.8	-	
211	Cigarettes	36.0	37.4	35.9	37.4	-	.6	.8	.6	.7	-	
22	TEXTILE MILL PRODUCTS	39.7	40.2	40.6	40.6	40.9	3.1	3.3	3.6	3.6	-	
221	Weaving mills, cotton	40.0	40.0	40.5	40.3	-	3.4	3.6	3.8	3.6	-	
222	Weaving mills, synthetics	39.9	40.6	41.4	40.7	-	2.8	3.3	3.9	3.7	-	
223	Weaving and finishing mills, wool	39.6	40.4	42.4	41.0	-	3.5	3.9	4.6	3.9	-	
224	Narrow fabric mills	39.8	39.9	41.0	41.0	-	1.9	2.3	2.9	2.9	-	
225	Knitting mills	37.9	38.6	38.8	38.8	-	2.3	2.7	2.6	2.6	-	

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
	TEXTILE MILL PRODUCTS—Continued										
2251	Women's hosiery, except socks	\$207.82	\$212.61	\$228.40	\$225.98	-	\$5.37	\$5.41	\$5.71	\$5.75	-
2252	Hosiery, nec	202.88	206.72	207.57	211.69	-	5.41	5.44	5.55	5.63	-
2253	Knit outerwear mills	196.75	199.84	214.51	216.59	-	5.42	5.49	5.69	5.73	-
2254	Knit underwear mills	197.58	197.00	205.35	207.02	-	5.34	5.31	5.55	5.58	-
2257	Circular knit fabric mills	245.00	268.18	263.63	266.62	-	6.25	6.37	6.43	6.44	-
226	Textile finishing, except wool	269.86	273.14	285.27	287.22	-	6.55	6.55	6.76	6.79	-
2261	Finishing plants, cotton	275.39	279.12	291.02	293.94	-	6.62	6.63	6.88	6.90	-
2262	Finishing plants, synthetics	273.36	272.00	293.87	295.40	-	6.80	6.80	7.15	7.17	-
227	Floor covering mills	260.41	264.80	263.40	274.49	-	6.29	6.35	6.44	6.52	-
228	Yarn and thread mills	233.86	238.14	247.05	249.89	-	5.76	5.78	6.07	6.08	-
2281	Yarn mills, except wool	236.16	243.18	252.95	256.20	-	5.76	5.79	6.11	6.10	-
2282	Throwing and winding mills	214.27	216.12	219.58	218.15	-	5.58	5.57	5.84	5.88	-
229	Miscellaneous textile goods	275.78	273.91	301.04	302.60	-	6.71	6.73	7.05	7.07	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	190.28	192.07	200.38	200.75	\$202.21	5.33	5.35	5.46	5.47	\$5.48
231	Men's and boys' suits and coats	212.72	212.94	235.52	235.15	-	6.22	6.19	6.40	6.39	-
232	Men's and boys' furnishings	178.47	180.44	187.86	189.48	-	4.93	4.93	5.05	5.08	-
2321	Men's and boys' shirts and nightwear	171.36	169.10	175.33	180.07	-	4.76	4.75	4.86	4.88	-
2327	Men's and boys' separate trousers	180.36	182.36	193.91	191.95	-	5.01	5.01	5.13	5.16	-
2328	Men's and boys' work clothing	178.72	181.42	187.00	192.91	-	4.91	4.89	5.00	5.02	-
233	Women's and misses' outerwear	180.44	179.55	190.08	190.59	-	5.23	5.25	5.40	5.43	-
2331	Women's and misses' blouses and waists	168.90	165.77	176.35	174.89	-	4.91	4.89	5.01	5.04	-
2335	Women's and misses' dresses	179.28	178.65	189.50	190.97	-	5.40	5.43	5.59	5.65	-
2337	Women's and misses' suits and coats	190.62	193.67	204.68	204.83	-	5.69	5.73	6.02	6.06	-
2339	Women's and misses' underwear, nec	183.32	180.49	191.51	191.36	-	5.05	5.07	5.19	5.20	-
234	Women's and children's undergarments	172.89	174.83	186.50	188.38	-	4.87	4.87	5.00	5.01	-
2341	Women's and children's underwear	171.24	173.16	183.14	184.99	-	4.81	4.81	4.91	4.92	-
2342	Brassieres and allied garments	181.82	182.52	203.50	205.90	-	5.18	5.20	5.50	5.52	-
236	Children's outerwear	167.43	171.00	184.76	180.18	-	4.77	4.79	4.94	4.95	-
2361	Children's dresses and blouses	165.43	167.90	182.65	174.38	-	4.74	4.77	4.91	4.94	-
238	Misc. apparel and accessories	191.66	189.16	199.72	200.84	-	5.28	5.24	5.34	5.37	-
239	Misc. fabricated textile products	243.32	250.10	245.50	243.95	-	6.32	6.38	6.36	6.32	-
2391	Curtaons and draperies	185.76	188.28	192.98	197.63	-	4.85	4.84	5.16	5.16	-
2392	House furnishing, nec	200.63	211.07	214.83	211.58	-	5.35	5.44	5.58	5.51	-
2396	Automotive and apparel trimmings	426.54	435.90	392.04	390.83	-	10.48	10.58	9.68	9.65	-
26	PAPER AND ALLIED PRODUCTS	406.14	410.18	438.01	437.68	442.90	9.67	9.72	10.21	10.25	10.30
261, 2, 8	Paper and pulp mills	496.95	499.14	543.42	540.23	-	11.32	11.37	12.13	12.14	-
262	Paper mills, except building paper	501.48	504.83	544.95	539.66	-	11.32	11.37	12.11	12.10	-
263	Paperboard mills	503.22	512.89	554.02	555.82	-	11.73	11.90	12.62	12.69	-
264	Misc. converted paper products	351.46	351.85	375.36	374.33	-	8.51	8.54	8.98	9.02	-
2641	Paper coating and glazing	408.96	411.40	434.26	437.50	-	9.60	9.68	10.17	10.27	-
2642	Envelopes	317.18	318.79	338.66	334.49	-	7.89	7.93	8.22	8.30	-
2643	Bags, except textile bags	321.96	321.98	355.32	353.20	-	7.93	7.95	8.40	8.47	-
265	Paperboard containers and boxes	342.63	350.61	366.24	367.42	-	8.46	8.51	8.72	8.79	-
2651	Folding paperboard boxes	350.21	358.63	381.18	384.08	-	8.69	8.79	8.99	9.03	-
2653	Corrugated and solid fiber boxes	356.65	367.92	387.90	386.91	-	8.72	8.76	9.00	9.04	-
2654	Sanitary food containers	326.02	338.66	337.00	344.86	-	8.03	8.22	8.28	8.33	-
27	PRINTING AND PUBLISHING	338.63	337.72	350.43	353.78	354.33	9.03	9.03	9.32	9.31	9.30
271	Newspapers	303.45	305.03	313.29	314.34	-	9.14	9.16	9.38	9.30	-
272	Periodicals	353.25	349.28	369.15	365.44	-	9.37	9.44	9.95	9.85	-
273	Books	317.52	323.05	337.39	331.57	-	8.10	8.22	8.52	8.31	-
2731	Book publishing	303.03	303.03	305.66	309.60	-	7.81	7.81	7.96	8.00	-
2732	Book printing	335.47	346.73	371.78	355.56	-	8.45	8.69	9.09	8.63	-
274	Miscellaneous publishing	292.99	300.29	300.59	296.89	-	7.94	8.16	8.42	8.27	-
275	Commercial printing	363.72	360.30	370.15	378.24	-	9.35	9.31	9.54	9.60	-
2751	Commercial printing, letterpress	343.04	342.65	347.76	351.12	-	8.91	8.90	9.08	9.12	-
2752	Commercial printing, lithographic	370.72	366.10	379.47	390.44	-	9.53	9.46	9.73	9.81	-
276	Manifold business forms	362.91	362.29	392.47	391.94	-	9.05	9.08	9.48	9.49	-
278	Blankbooks and bookbinding	275.22	273.02	285.96	291.30	-	7.13	7.11	7.37	7.45	-
279	Printing trade services	418.62	417.24	457.25	456.06	-	10.93	10.98	11.46	11.43	-
28	CHEMICALS AND ALLIED PRODUCTS	428.07	432.85	457.38	456.46	460.06	10.39	10.43	10.89	10.92	10.98
281	Industrial inorganic chemicals	471.91	469.86	515.95	513.10	-	11.51	11.46	12.14	12.13	-
2819	Industrial inorganic chemicals, nec	475.94	477.02	518.31	514.74	-	11.58	11.55	12.11	12.14	-
282	Plastics materials and synthetics	427.87	435.97	460.70	461.49	-	10.31	10.43	10.84	10.81	-
2821	Plastics materials and resins	469.69	480.64	517.44	513.97	-	11.13	11.23	11.78	11.87	-
2824	Organic fibers, noncellulosic	406.81	416.42	439.74	439.32	-	9.85	10.01	10.47	10.46	-
283	Drugs	391.00	393.95	413.28	411.48	-	9.56	9.47	10.08	10.16	-
2834	Pharmaceutical preparations	374.95	375.77	392.20	392.85	-	9.19	9.21	9.66	9.70	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
TEXTILE MILL PRODUCTS—Continued											
2251	Women's hosiery, except socks	38.7	39.3	40.0	39.3	-	2.3	2.6	3.6	3.4	-
2252	Hosiery, nec	37.5	38.0	37.4	37.6	-	1.9	2.2	1.7	1.9	-
2253	Knit outerwear mills	36.3	36.4	37.7	37.8	-	2.0	2.0	2.0	2.1	-
2254	Knit underwear mills	37.0	37.1	37.0	37.1	-	1.4	1.3	1.2	1.2	-
2257	Circular knit fabric mills	39.2	42.1	41.0	41.4	-	2.9	4.4	3.8	3.8	-
226	Textile finishing, except wool	41.2	41.7	42.2	42.3	-	4.2	4.0	4.5	4.7	-
2261	Finishing plants, cotton	41.6	42.1	42.3	42.6	-	4.8	4.2	4.3	4.8	-
2262	Finishing plants, synthetics	40.2	40.0	40.1	41.2	-	3.6	3.3	4.1	4.3	-
227	Floor covering mills	41.4	41.7	40.9	42.1	-	4.3	4.3	4.0	4.8	-
228	Yarn and thread mills	40.6	41.2	40.7	41.1	-	3.4	3.8	3.9	4.0	-
2281	Yarn mills, except wool	41.0	42.0	41.4	42.0	-	3.7	4.3	4.5	4.4	-
2282	Throwing and winding mills	38.4	38.8	37.6	37.1	-	2.7	2.7	2.5	2.6	-
229	Miscellaneous textile goods	41.1	40.7	42.7	42.8	-	2.9	2.9	4.0	4.4	-
APPAREL AND OTHER TEXTILE PRODUCTS											
23	Men's and boys' suits and coats	35.7	35.9	36.7	36.7	36.9	1.2	1.2	1.5	1.5	-
231	Men's and boys' suits and coats	34.2	34.4	36.8	36.8	-	.4	.4	1.3	1.2	-
232	Men's and boys' furnishings	36.2	36.6	37.2	37.3	-	1.1	1.1	1.2	1.3	-
2321	Men's and boys' shirts and nightwear	36.0	35.6	36.9	36.9	-	1.0	.9	1.1	1.1	-
2327	Men's and boys' separate trousers	36.0	36.4	37.8	37.2	-	1.2	1.3	1.4	1.2	-
2328	Men's and boys' work clothing	36.4	37.1	37.4	37.9	-	1.2	1.1	1.1	1.2	-
233	Women's and misses' outerwear	34.5	34.2	35.2	35.1	-	1.2	1.1	1.5	1.5	-
2331	Women's and misses' blouses and waists	34.4	33.9	35.2	34.7	-	1.3	1.1	1.3	1.3	-
2335	Women's and misses' dresses	33.2	32.9	33.9	33.8	-	1.0	.9	1.2	1.1	-
2337	Women's and misses' suits and coats	33.5	33.8	34.0	33.8	-	.8	.7	1.1	1.4	-
2339	Women's and misses' outerwear, nec	36.3	35.6	36.9	36.8	-	1.5	1.5	2.1	2.1	-
234	Women's and children's undergarments	35.5	35.9	37.3	37.6	-	1.0	.9	1.5	1.7	-
2341	Women's and children's underwear	35.6	36.0	37.3	37.6	-	1.1	1.0	1.5	1.7	-
2342	Brassieres and allied garments	35.1	35.1	37.0	37.3	-	.6	.5	1.4	1.9	-
236	Children's outerwear	35.1	35.7	37.4	36.4	-	1.0	.7	1.3	1.4	-
2361	Children's dresses and blouses	34.9	35.2	37.2	35.3	-	.9	.6	1.5	1.2	-
238	Misc. apparel and accessories	36.3	36.1	37.4	37.4	-	1.6	1.4	1.5	1.8	-
239	Misc. fabricated textile products	38.5	39.2	38.6	38.6	-	1.7	1.9	1.9	2.1	-
2391	Curtains and draperies	38.3	38.9	37.4	38.3	-	1.0	1.1	1.5	1.7	-
2392	House furnishings, nec	37.5	38.8	38.5	38.4	-	1.7	2.0	1.9	2.2	-
2396	Automotive and apparel trimmings	40.7	41.2	40.5	40.5	-	2.7	3.5	2.9	3.1	-
PAPER AND ALLIED PRODUCTS											
26	Paper and pulp mills	42.0	42.2	42.9	42.7	43.0	4.1	4.3	4.7	4.8	-
261, 2, 6	Paper and pulp mills	43.9	43.9	44.8	44.5	-	5.8	5.9	6.6	6.6	-
262	Paper mills, except building paper	44.3	44.4	45.0	44.6	-	5.9	6.0	6.6	6.6	-
263	Paperboard mills	42.9	43.1	43.9	43.8	-	6.7	7.0	7.0	7.3	-
264	Misc. converted paper products	41.3	41.2	41.8	41.5	-	2.7	2.8	3.1	3.2	-
2641	Paper coating and glazing	42.6	42.5	42.7	42.6	-	2.6	2.7	3.2	3.3	-
2642	Envelopes	40.2	40.2	41.2	40.3	-	2.1	2.1	3.3	3.0	-
2643	Bags, except textile bags	40.6	40.5	42.3	41.7	-	2.6	2.7	3.4	3.3	-
265	Paperboard containers and boxes	40.5	41.2	42.0	41.8	-	3.1	3.4	3.8	4.0	-
2651	Folding paperboard boxes	40.3	40.8	42.4	42.3	-	2.9	2.9	3.9	4.0	-
2653	Corrugated and solid fiber boxes	40.9	42.0	43.1	42.8	-	3.5	3.9	4.6	4.7	-
2654	Sanitary food containers	40.6	41.2	40.7	41.4	-	2.7	3.4	2.7	3.0	-
PRINTING AND PUBLISHING											
27	Newspapers	37.5	37.4	37.6	38.0	38.1	2.4	2.4	2.7	2.9	-
271	Newspapers	33.2	33.3	33.4	33.8	-	1.2	1.4	1.5	1.6	-
272	Periodicals	37.7	37.0	37.1	37.1	-	2.3	2.0	2.3	2.1	-
273	Books	39.2	39.3	39.6	39.9	-	3.1	3.1	3.2	3.4	-
2731	Book publishing	38.8	38.8	38.4	38.7	-	2.0	1.8	2.0	2.5	-
2732	Book printing	39.7	39.9	40.9	41.2	-	4.4	4.7	4.6	4.5	-
274	Miscellaneous publishing	36.9	36.8	35.7	35.9	-	1.6	2.0	1.5	1.8	-
275	Commercial printing	38.9	38.7	38.8	39.4	-	3.0	2.9	3.2	3.5	-
2751	Commercial printing, letterpress	38.5	38.5	38.3	38.5	-	2.6	2.6	2.9	2.8	-
2752	Commercial printing, lithographic	38.9	38.7	39.0	39.8	-	3.0	2.9	3.3	3.8	-
276	Manifold business forms	40.1	39.9	41.4	41.3	-	2.4	2.4	3.4	3.6	-
278	Blankbooks and bookbinding	38.6	38.4	38.8	39.1	-	2.0	1.8	1.8	2.2	-
279	Printing trade service	38.3	38.0	39.9	39.9	-	3.7	3.7	4.3	4.4	-
CHEMICALS AND ALLIED PRODUCTS											
28	Industrial inorganic chemicals	41.2	41.5	42.0	41.8	41.9	2.9	3.0	3.5	3.4	-
281	Industrial inorganic chemicals	41.0	41.0	42.5	42.3	-	2.5	2.5	3.3	3.3	-
2819	Industrial inorganic chemicals, nec	41.1	41.3	42.8	42.4	-	2.4	2.6	3.3	3.2	-
282	Plastics materials and synthetics	41.5	41.8	42.5	42.3	-	2.8	3.2	3.8	3.6	-
2821	Plastics materials and resins	42.2	42.8	43.9	43.3	-	3.5	4.0	5.3	5.0	-
2824	Organic fibers, noncellulosic	41.3	41.6	42.0	42.0	-	2.3	2.7	3.0	2.6	-
283	Drugs	40.9	41.6	41.0	40.5	-	2.9	2.8	2.7	2.7	-
2834	Pharmaceutical preparations	40.8	40.8	40.6	40.5	-	2.9	2.8	2.6	2.6	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	\$387.87	\$387.99	\$408.04	\$400.98	-	\$9.53	\$9.58	\$9.88	\$9.78	-
2841	Soap and other detergents	525.16	528.73	561.59	557.61	-	12.27	12.47	12.91	12.76	-
2844	Toilet preparations	305.36	305.73	323.59	313.60	-	7.77	7.74	8.11	8.00	-
2842, 3	Polishing, sanitation, and finishing preparations	367.34	362.10	376.16	380.37	-	9.07	9.03	9.13	9.21	-
285	Paints and allied products	373.82	379.73	402.82	405.42	-	9.23	9.33	9.66	9.63	-
286	Industrial organic chemicals	522.90	539.32	561.56	567.53	-	12.45	12.66	13.09	13.26	-
2865	Cyclic crudes and intermediates	479.40	502.98	524.99	527.93	-	11.75	12.12	12.47	12.63	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	536.78	549.55	571.94	579.26	-	12.66	12.81	13.27	13.44	-
287	Agricultural chemicals	420.16	417.63	457.52	450.26	-	9.98	9.92	10.64	10.52	-
289	Miscellaneous chemical products	387.86	386.38	413.40	414.50	-	9.46	9.47	9.89	9.94	-
29	PETROLEUM AND COAL PRODUCTS	584.32	581.23	584.21	584.64	\$575.39	13.28	13.27	13.43	13.44	\$13.35
291	Petroleum refining	633.59	633.93	634.66	638.88	-	14.27	14.31	14.49	14.52	-
295	Paving and roofing materials	399.60	399.08	415.81	415.59	-	9.25	9.39	9.67	9.71	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	321.55	326.75	344.40	342.77	348.99	7.92	7.95	8.20	8.22	8.27
301	Tires and inner tubes	499.15	513.52	578.93	575.29	-	11.97	12.14	12.78	12.87	-
302	Rubber and plastics footwear	188.49	196.73	212.38	211.86	-	5.15	5.15	5.18	5.18	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	321.58	323.51	360.29	358.92	-	8.08	8.19	8.34	8.27	-
306	Fabricated rubber products, nec	299.30	303.96	329.38	328.27	-	7.52	7.58	7.88	7.91	-
307	Miscellaneous plastics products	295.48	299.52	310.84	310.24	-	7.26	7.27	7.49	7.53	-
31	LEATHER AND LEATHER PRODUCTS	197.06	201.48	208.29	205.25	210.73	5.52	5.52	5.66	5.67	5.68
311	Leather tanning and finishing	299.55	304.09	291.51	292.00	-	7.47	7.49	7.38	7.43	-
314	Footwear, except rubber	182.52	187.43	193.86	191.33	-	5.26	5.25	5.40	5.42	-
3143	Men's footwear, except athletic	196.35	200.57	204.17	204.12	-	5.50	5.48	5.64	5.67	-
3144	Women's footwear, except athletic	171.34	181.96	186.20	182.87	-	5.13	5.14	5.26	5.27	-
316	Luggage	242.06	234.60	246.18	251.66	-	6.37	6.19	6.60	6.42	-
317	Handbags and personal leather goods	188.56	189.89	207.20	202.17	-	5.11	5.16	5.41	5.42	-
-	TRANSPORTATION AND PUBLIC UTILITIES	413.32	413.79	428.61	428.61	430.49	10.68	10.72	10.99	10.99	11.01
	RAILROAD TRANSPORTATION:										
4011	Class I railroads ²	530.40	528.34	568.65	-	-	12.48	12.67	13.38	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	241.15	248.37	249.48	249.05	-	7.22	7.37	7.56	7.57	-
411	Local and suburban transportation	317.20	317.52	316.30	315.63	-	7.99	8.10	8.39	8.35	-
413	Intercity highway transportation	394.46	432.98	407.24	410.57	-	11.74	11.83	11.77	11.97	-
42	TRUCKING AND WAREHOUSING	396.72	394.63	402.43	405.12	-	10.44	10.44	10.48	10.55	-
421, 3	Trucking and trucking terminals	405.38	402.88	409.73	413.11	-	10.64	10.63	10.67	10.73	-
422	Public warehousing	282.00	283.88	288.04	291.82	-	7.50	7.57	7.62	7.72	-
46	PIPE LINES, EXCEPT NATURAL GAS	596.94	576.85	594.31	593.62	-	13.85	13.90	14.46	14.73	-
48	COMMUNICATION	413.51	414.29	435.76	432.77	-	10.63	10.65	11.06	11.04	-
481	Telephone communication	442.46	442.86	468.43	464.11	-	11.23	11.24	11.74	11.72	-
4817	Switchboard operating employees	-	-	-	-	-	-	-	-	-	-
4818	Line construction employees	-	-	-	-	-	-	-	-	-	-
483	Radio and television broadcasting	320.02	325.09	343.92	342.62	-	8.72	8.81	9.27	9.26	-
49	ELECTRIC, GAS, AND SANITARY SERVICES ..	463.30	469.48	491.93	493.99	-	11.30	11.34	11.94	11.99	-
491	Electric services	471.55	478.92	493.54	497.63	-	11.39	11.43	11.95	12.02	-
492	Gas production and distribution	409.24	415.55	449.22	445.50	-	10.18	10.21	10.93	11.00	-
493	Combination utility services	534.97	541.37	574.90	584.51	-	13.08	13.14	13.92	13.95	-
495	Sanitary services	358.18	363.37	365.86	370.71	-	8.91	8.95	8.88	8.89	-
-	WHOLESALE AND RETAIL TRADE	201.90	203.18	211.05	212.39	215.36	6.43	6.45	6.70	6.70	6.73
50, 51	WHOLESALE TRADE	316.74	319.42	332.54	333.80	340.66	8.27	8.34	8.66	8.67	8.78
50	WHOLESALE TRADE-DURABLE GOODS	316.57	319.66	335.40	336.18	-	8.18	8.26	8.60	8.62	-
501	Motor vehicles and automotive equipment	283.08	286.51	302.63	305.73	-	7.43	7.52	7.82	7.90	-
502	Furniture and home furnishings	282.37	283.49	294.06	295.95	-	7.49	7.58	7.80	7.85	-
503	Lumber and construction materials	303.74	308.05	319.10	320.38	-	7.91	7.96	8.31	8.30	-
504	Sporting goods, toys, and hobby goods	334.28	333.00	359.28	359.46	-	8.82	8.88	9.43	9.41	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	40.7	40.5	41.3	41.0	-	2.8	2.6	3.1	2.8	-
2841	Soap and other detergents	42.8	42.4	43.5	43.7	-	4.5	4.2	4.7	4.5	-
2844	Toilet preparations	39.3	39.5	39.9	39.2	-	1.9	1.7	2.4	1.9	-
2842, 3	Polishing, sanitation, and finishing preparations	40.5	40.1	41.2	41.3	-	2.3	2.2	2.6	2.6	-
285	Paints and allied products	40.5	40.7	41.7	42.1	-	2.5	2.8	3.0	3.1	-
286	Industrial organic chemicals	42.0	42.6	42.9	42.8	-	3.1	3.5	3.9	4.1	-
2865	Cyclic crudes and intermediates	40.8	41.5	42.1	41.8	-	2.7	3.1	3.5	3.7	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	42.4	42.9	43.1	43.1	-	3.2	3.6	4.0	4.2	-
287	Agricultural chemicals	42.1	42.1	43.0	42.8	-	3.9	4.0	5.0	5.3	-
289	Miscellaneous chemical products	41.0	40.8	41.8	41.7	-	2.8	2.7	3.4	3.3	-
	PETROLEUM AND COAL PRODUCTS	44.0	43.8	43.5	43.5	43.1	3.9	4.0	3.9	4.1	-
291	Petroleum refining	44.4	44.3	43.8	44.0	-	3.6	3.9	3.7	4.0	-
295	Paving and roofing materials	43.2	42.5	43.0	42.8	-	6.1	5.3	5.4	5.4	-
	RUBBER AND MISC. PLASTICS PRODUCTS	40.6	41.1	42.0	41.7	42.2	3.0	3.3	4.1	4.1	-
301	Tires and inner tubes	41.7	42.3	43.3	44.7	-	2.9	3.3	6.2	6.3	-
302	Rubber and plastics footwear	36.6	38.2	41.0	40.9	-	1.0	1.7	2.7	3.0	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	39.8	39.5	43.2	43.4	-	2.1	2.2	4.4	4.0	-
306	Fabricated rubber products, nec	39.8	40.1	41.8	41.5	-	2.3	2.5	3.4	3.4	-
307	Miscellaneous plastics products	40.7	41.2	41.5	41.2	-	3.3	3.5	3.9	3.9	-
	LEATHER AND LEATHER PRODUCTS	35.7	36.5	36.8	36.2	37.1	1.1	1.1	1.4	1.4	-
311	Leather tanning and finishing	40.1	40.6	39.5	39.3	-	3.2	3.3	2.6	2.7	-
314	Footwear, except rubber	34.7	35.7	35.9	35.3	-	.8	.8	1.1	1.1	-
3143	Men's footwear, except athletic	35.7	36.6	36.2	36.0	-	.6	.6	1.0	1.0	-
3144	Women's footwear, except athletic	33.4	35.4	35.4	34.7	-	.9	1.0	1.3	1.2	-
316	Luggage	38.0	37.9	37.3	39.2	-	2.0	1.6	2.1	2.5	-
317	Handbags and personal leather goods	36.9	36.8	38.3	37.3	-	.7	.7	1.7	1.9	-
	TRANSPORTATION AND PUBLIC UTILITIES	38.7	38.6	39.0	39.0	39.1	-	-	-	-	-
	RAILROAD TRANSPORTATION:										
4011	Class I railroads ²	42.5	41.7	42.5	-	-	-	-	-	-	-
	LOCAL AND INTERURBAN PASSENGER TRANSIT	33.4	33.7	33.0	32.9	-	-	-	-	-	-
411	Local and suburban transportation	39.7	39.2	37.7	37.8	-	-	-	-	-	-
413	Intercity highway transportation	33.6	36.6	34.6	34.3	-	-	-	-	-	-
	TRUCKING AND WAREHOUSING	38.0	37.8	38.4	38.4	-	-	-	-	-	-
421, 3	Trucking and trucking terminals	38.1	37.9	38.4	38.5	-	-	-	-	-	-
422	Public warehousing	37.6	37.5	37.8	37.8	-	-	-	-	-	-
	PIPE LINES, EXCEPT NATURAL GAS	43.1	41.5	41.1	40.3	-	-	-	-	-	-
	COMMUNICATION	38.9	38.9	39.4	39.2	-	-	-	-	-	-
481	Telephone communication	39.4	39.4	39.9	39.6	-	-	-	-	-	-
4817	Switchboard operating employees	-	-	-	-	-	-	-	-	-	-
4818	Line construction employees	-	-	-	-	-	-	-	-	-	-
483	Radio and television broadcasting	36.7	36.9	37.1	37.0	-	-	-	-	-	-
	ELECTRIC, GAS, AND SANITARY SERVICES	41.0	41.4	41.2	41.2	-	-	-	-	-	-
491	Electric services	41.4	41.9	41.3	41.4	-	-	-	-	-	-
492	Gas production and distribution	40.2	40.7	41.1	40.5	-	-	-	-	-	-
493	Combination utility services	40.9	41.2	41.3	41.9	-	-	-	-	-	-
495	Sanitary services	40.2	40.6	41.2	41.7	-	-	-	-	-	-
-	WHOLESALE AND RETAIL TRADE	31.4	31.5	31.5	31.7	32.0	-	-	-	-	-
50, 51	WHOLESALE TRADE	38.3	38.3	38.4	38.5	38.8	-	-	-	-	-
	WHOLESALE TRADE-DURABLE GOODS	38.7	38.7	39.0	39.0	-	-	-	-	-	-
501	Motor vehicles and automotive equipment	38.1	38.1	38.7	38.7	-	-	-	-	-	-
502	Furniture and home furnishings	37.7	37.4	37.7	37.7	-	-	-	-	-	-
503	Lumber and construction materials	38.4	38.7	38.4	38.6	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods	37.9	37.5	38.1	38.2	-	-	-	-	-	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
506	Metals and minerals, except petroleum	\$362.60	\$363.20	\$385.50	\$388.55	-	\$9.02	\$9.08	\$9.50	\$9.50	-
506	Electrical goods	343.30	347.38	350.10	351.89	-	8.78	8.93	9.07	9.14	-
507	Hardware, plumbing, and heating equipment	295.29	299.15	310.66	313.43	-	7.65	7.75	8.09	8.12	-
508	Machinery, equipment, and supplies	329.94	334.31	353.42	353.92	-	8.46	8.55	8.97	8.96	-
509	Miscellaneous durable goods	259.08	260.30	271.43	270.02	-	6.80	6.85	7.05	7.05	-
51	WHOLESALE TRADE-NONDURABLE GOODS	316.68	318.10	329.38	329.50	-	8.40	8.46	8.76	8.74	-
511	Paper and paper products	337.13	337.35	355.94	354.61	-	8.99	9.02	9.62	9.61	-
512	Drugs, proprietaries, and sundries	334.68	337.82	360.32	359.08	-	9.07	9.23	9.66	9.55	-
513	Apparel, piece goods, and notions	301.99	305.41	315.00	315.36	-	8.14	8.21	8.63	8.64	-
514	Groceries and related products	320.72	322.62	331.43	333.38	-	8.44	8.49	8.76	8.75	-
516	Chemicals and allied products	375.19	381.75	402.34	396.54	-	9.72	9.89	10.29	10.22	-
517	Petroleum and petroleum products	395.17	392.44	384.52	388.80	-	9.83	9.91	9.71	9.72	-
518	Beer, wine, and distilled beverages	358.92	363.24	361.75	366.28	-	9.97	10.09	10.19	10.26	-
519	Miscellaneous nondurable goods	252.89	255.13	269.59	268.91	-	6.78	6.84	7.17	7.19	-
52-59	RETAIL TRADE	166.42	167.29	173.17	173.76	\$176.41	5.68	5.69	5.89	5.89	\$5.90
52	BUILDING MATERIALS AND GARDEN SUPPLIES	213.06	217.62	226.27	227.20	-	6.14	6.20	6.41	6.40	-
521	Lumber and other building materials	227.41	231.84	238.20	242.29	-	6.37	6.44	6.58	6.62	-
525	Hardware stores	180.61	183.58	183.30	183.77	-	5.44	5.48	5.62	5.63	-
53	GENERAL MERCHANDISE STORES	161.02	162.14	162.66	165.88	-	5.63	5.63	5.83	5.80	-
531	Department stores	165.86	166.74	167.63	171.29	-	5.84	5.83	6.03	6.01	-
533	Variety stores	126.28	127.01	125.38	129.18	-	4.31	4.32	4.51	4.47	-
539	Misc. general merchandise stores	136.20	137.24	132.24	134.68	-	4.54	4.59	4.56	4.55	-
54	FOOD STORES	222.60	223.50	229.33	231.47	-	7.42	7.45	7.67	7.69	-
541	Grocery stores	231.94	233.14	238.99	241.19	-	7.68	7.72	7.94	7.96	-
546	Retail bakeries	138.37	140.48	146.44	147.53	-	5.05	5.09	5.23	5.25	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	242.14	246.12	254.70	257.97	-	6.58	6.67	6.94	7.01	-
551, 2	New and used car dealers	291.02	298.62	312.74	316.92	-	7.74	7.90	8.23	8.34	-
553	Auto and home supply stores	239.40	242.80	245.70	247.35	-	6.00	6.07	6.30	6.31	-
554	Gasoline service stations	177.50	177.85	177.64	178.84	-	5.19	5.17	5.24	5.26	-
56	APPAREL AND ACCESSORY STORES	136.01	138.72	137.87	137.32	-	4.91	4.99	5.05	5.03	-
561	Men's and boys' clothing and furnishings	169.58	172.02	174.62	171.07	-	5.56	5.64	5.84	5.76	-
562	Women's ready-to-wear stores	123.82	124.42	126.41	126.35	-	4.62	4.66	4.77	4.75	-
565	Family clothing stores	136.62	138.11	132.93	135.41	-	4.95	4.95	4.96	4.96	-
566	Shoe stores	137.83	146.92	136.68	136.86	-	4.94	5.21	5.08	5.05	-
57	FURNITURE AND HOME FURNISHINGS STORES	217.70	220.38	224.78	226.12	-	6.46	6.52	6.67	6.69	-
571	Furniture and home furnishings stores	220.59	219.98	229.84	232.20	-	6.45	6.47	6.76	6.75	-
572	Household appliance stores	226.09	230.10	232.18	234.95	-	6.81	6.91	6.91	6.89	-
573	Radio, television, and music stores	208.89	214.43	211.51	210.60	-	6.33	6.42	6.39	6.46	-
58	EATING AND DRINKING PLACES	108.97	110.24	112.58	112.49	-	4.24	4.24	4.33	4.31	-
59	MISCELLANEOUS RETAIL	170.24	171.67	179.87	178.98	-	5.60	5.61	5.84	5.83	-
591	Drug stores and proprietary stores	150.31	149.77	156.96	156.10	-	5.33	5.33	5.45	5.42	-
594	Miscellaneous shopping goods stores	151.04	151.85	157.10	158.51	-	5.12	5.13	5.38	5.41	-
596	Nonstore retailers	208.94	212.17	218.12	221.05	-	6.37	6.41	6.55	6.54	-
598	Fuel and ice dealers	285.01	287.28	310.02	312.58	-	7.56	7.58	8.18	8.14	-
599	Retail stores, nec	183.17	186.05	200.86	194.24	-	5.76	5.76	6.05	6.07	-
-	FINANCE, INSURANCE, AND REAL ESTATE	258.84	261.00	273.70	273.70	275.96	7.19	7.23	7.54	7.54	7.54
60	BANKING	221.91	225.57	236.52	235.87	-	6.13	6.18	6.48	6.48	-
602	Commercial and stock savings banks	216.48	219.49	232.14	231.50	-	5.98	6.03	6.36	6.36	-
61	CREDIT AGENCIES OTHER THAN BANKS	230.84	233.21	243.69	244.12	-	6.29	6.32	6.64	6.67	-
612	Savings and loan associations	204.56	207.36	214.80	215.87	-	5.73	5.76	6.00	6.03	-
614	Personal credit institutions	242.52	243.17	244.78	245.60	-	6.45	6.45	6.58	6.62	-
63	INSURANCE CARRIERS	299.09	300.88	317.80	318.06	-	8.04	8.11	8.52	8.55	-
631	Life insurance	300.74	302.86	324.01	324.76	-	8.15	8.23	8.71	8.73	-
632	Medical service and health insurance	288.80	290.68	309.26	309.26	-	7.62	7.69	8.16	8.16	-
633	Fire, marine, and casualty insurance	300.58	301.99	315.46	316.09	-	8.08	8.14	8.48	8.52	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984 ²	Apr. 1984 ²	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984 ²	Apr. 1984 ²
	WHOLESALE TRADE-DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	40.2	40.0	41.0	40.9	-	-	-	-	-	
506	Electrical goods	39.1	38.9	38.6	38.5	-	-	-	-	-	
507	Hardware, plumbing, and heating equipment	38.6	38.6	38.4	38.6	-	-	-	-	-	
508	Machinery, equipment, and supplies	39.0	39.1	39.4	39.5	-	-	-	-	-	
509	Miscellaneous durable goods	38.1	38.0	38.5	38.3	-	-	-	-	-	
51	WHOLESALE TRADE-NONDURABLE GOODS	37.7	37.6	37.6	37.7	-	-	-	-	-	
511	Paper and paper products	37.5	37.4	37.0	36.9	-	-	-	-	-	
512	Drugs, proprietaries, and sundries	36.9	36.6	37.3	37.6	-	-	-	-	-	
513	Apparel, piece goods, and notions	37.1	37.2	36.5	36.5	-	-	-	-	-	
514	Groceries and related products	38.0	38.0	37.8	38.1	-	-	-	-	-	
516	Chemicals and allied products	38.6	38.6	39.1	38.8	-	-	-	-	-	
517	Petroleum and petroleum products	40.2	39.6	39.6	40.0	-	-	-	-	-	
518	Beer, wine, and distilled beverages	36.0	36.0	35.5	35.7	-	-	-	-	-	
519	Miscellaneous nondurable goods	37.3	37.3	37.6	37.4	-	-	-	-	-	
52-59	RETAIL TRADE	29.3	29.4	29.4	29.5	29.9	-	-	-	-	
52	BUILDING MATERIALS AND GARDEN SUPPLIES	34.7	35.1	35.3	35.5	-	-	-	-	-	
521	Lumber and other building materials	35.7	36.0	36.2	36.6	-	-	-	-	-	
525	Hardware stores	33.2	33.5	32.5	32.7	-	-	-	-	-	
53	GENERAL MERCHANDISE STORES	28.6	28.8	27.9	28.6	-	-	-	-	-	
531	Department stores	28.4	28.6	27.8	28.5	-	-	-	-	-	
533	Variety stores	29.3	29.4	27.8	28.9	-	-	-	-	-	
539	Misc. general merchandise stores	30.0	29.9	29.0	29.6	-	-	-	-	-	
54	FOOD STORES	30.0	30.0	29.9	30.1	-	-	-	-	-	
541	Grocery stores	30.2	30.2	30.1	30.3	-	-	-	-	-	
546	Retail bakeries	27.4	27.6	28.0	28.1	-	-	-	-	-	
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	36.8	36.9	36.7	36.8	-	-	-	-	-	
551, 2	New and used car dealers	37.6	37.8	38.0	38.0	-	-	-	-	-	
553	Auto and home supply stores	39.9	40.0	39.0	39.2	-	-	-	-	-	
554	Gasoline service stations	34.2	34.4	33.9	34.0	-	-	-	-	-	
56	APPAREL AND ACCESSORY STORES	27.7	27.8	27.3	27.3	-	-	-	-	-	
561	Men's and boys' clothing and furnishings	30.5	30.5	29.9	29.7	-	-	-	-	-	
562	Women's ready-to-wear stores	26.8	26.7	26.5	26.6	-	-	-	-	-	
565	Family clothing stores	27.6	27.9	26.8	27.3	-	-	-	-	-	
566	Shoe stores	27.9	28.2	27.3	27.1	-	-	-	-	-	
57	FURNITURE AND HOME FURNISHINGS STORES	33.7	33.8	33.7	33.8	-	-	-	-	-	
571	Furniture and home furnishings stores	34.2	34.0	34.0	34.4	-	-	-	-	-	
572	Household appliance stores	33.2	33.3	33.6	34.1	-	-	-	-	-	
573	Radio, television, and music stores	33.0	33.4	33.1	32.6	-	-	-	-	-	
58	EATING AND DRINKING PLACES¹	25.7	26.0	26.0	26.1	-	-	-	-	-	
59	MISCELLANEOUS RETAIL	30.4	30.6	30.8	30.7	-	-	-	-	-	
591	Drug stores and proprietary stores	28.2	28.1	28.8	28.8	-	-	-	-	-	
594	Miscellaneous shopping goods stores	29.5	29.6	29.2	29.3	-	-	-	-	-	
596	Nonstore retailers	32.8	33.1	33.3	33.8	-	-	-	-	-	
598	Fuel and ice dealers	37.7	37.9	37.9	38.4	-	-	-	-	-	
599	Retail stores, nec	31.8	32.3	33.2	32.0	-	-	-	-	-	
	FINANCE, INSURANCE, AND REAL ESTATE	36.0	36.1	36.3	36.3	36.6	-	-	-	-	
60	BANKING	36.2	36.5	36.5	36.4	-	-	-	-	-	
602	Commercial and stock savings banks	36.2	36.4	36.5	36.4	-	-	-	-	-	
61	CREDIT AGENCIES OTHER THAN BANKS	36.7	36.9	36.7	36.6	-	-	-	-	-	
612	Savings and loan associations	35.7	36.0	35.8	35.8	-	-	-	-	-	
614	Personal credit institutions	37.6	37.7	37.2	37.1	-	-	-	-	-	
63	INSURANCE CARRIERS	37.2	37.1	37.3	37.2	-	-	-	-	-	
631	Life insurance	36.9	36.8	37.2	37.2	-	-	-	-	-	
632	Medical service and health insurance	37.9	37.8	37.9	37.9	-	-	-	-	-	
633	Fire, marine, and casualty insurance	37.2	37.1	37.2	37.1	-	-	-	-	-	

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984E
	SERVICES	\$233.74	\$234.72	\$244.83	\$244.50	\$247.97	\$7.17	\$7.20	\$7.51	\$7.50	\$7.56
	HOTELS AND OTHER LODGING PLACES:										
701	Hotels, motels, and tourist courts ²	156.22	157.86	163.08	163.86	-	5.19	5.21	5.40	5.39	
	PERSONAL SERVICES:										
721	Laundry, cleaning, and garment services	179.90	180.30	186.14	186.48	-	5.37	5.35	5.54	5.55	-
723	Beauty shops ³	156.85	155.98	156.70	159.29	-	5.39	5.36	5.46	5.55	-
	BUSINESS SERVICES										
73	Advertising	242.42	243.02	254.75	253.84	-	7.28	7.32	7.65	7.60	-
731	Advertising	339.19	340.92	365.88	364.44	-	9.37	9.47	10.22	10.18	-
734	Services to buildings	158.42	161.98	176.75	175.36	-	5.74	5.89	6.18	6.11	-
737	Computer and data processing services	343.88	345.43	374.83	370.36	-	8.84	8.88	9.89	9.85	-
	AUTO REPAIR, SERVICES, AND GARAGES										
75	Automotive repair shops	256.25	257.37	265.79	266.11	-	6.87	6.90	7.05	7.04	-
753	Automotive repair shops	286.34	287.15	296.79	297.92	-	7.38	7.42	7.61	7.60	-
76	MISCELLANEOUS REPAIR SERVICES	314.77	313.50	333.49	333.76	-	8.24	8.25	8.73	8.76	-
	MOTION PICTURES										
78	Motion picture production and services	286.83	274.45	329.47	342.97	-	10.43	9.98	11.44	11.95	-
781	Motion picture production and services	548.16	520.06	616.61	645.65	-	14.54	13.98	15.77	16.77	-
79	AMUSEMENT AND RECREATION SERVICES	187.62	186.35	193.88	190.57	-	6.36	6.36	6.55	6.46	-
	HEALTH SERVICES										
80	Offices of physicians	235.05	237.00	246.68	245.92	-	7.21	7.27	7.59	7.59	-
801	Offices of physicians	225.70	228.24	230.33	230.64	-	7.12	7.20	7.43	7.44	-
802	Offices of dentists	197.25	200.78	205.33	206.18	-	6.97	7.12	7.23	7.26	-
805	Nursing and personal care facilities	156.12	157.44	163.07	162.55	-	5.02	5.03	5.21	5.21	-
806	Hospitals	269.62	271.54	284.08	284.42	-	7.93	8.01	8.38	8.39	-
81	LEGAL SERVICES	315.42	314.86	329.13	328.96	-	9.09	9.10	9.54	9.48	-
	MISCELLANEOUS SERVICES										
89	Engineering and architectural services	411.59	416.45	428.97	430.12	-	10.42	10.49	10.86	10.78	-
891	Engineering and architectural services	453.42	456.19	473.22	475.57	-	11.45	11.52	11.89	11.83	-
893	Accounting, auditing, and bookkeeping	349.92	357.98	361.49	363.69	-	8.64	8.71	9.06	8.98	-

¹ For coverage of series, see footnote 1, table B-2.

² Beginning 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 excluded from all series in this division.

- Data not available.

p = preliminary.

NOTE: Due to the recent restructuring of the telephone communication industry, the Bureau has discontinued the collection and publication of hours and earnings data for switchboard operating employees (sic code 4817) and line construction employees (sic code 4818).

ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984P	Apr. 1984P
	SERVICES	32.6	32.6	32.6	32.6	32.8	-	-	-	-	-
701	HOTELS AND OTHER LODGING PLACES:										
	Hotels, motels, and tourist courts ²	30.1	30.3	30.2	30.4	-	-	-	-	-	
	PERSONAL SERVICES:										
721	Laundry, cleaning, and garment services	33.5	33.7	33.6	33.6	-	-	-	-	-	
723	Beauty shops ³	29.1	29.1	28.7	28.7	-	-	-	-	-	
73	BUSINESS SERVICES	33.3	33.2	33.3	33.4	-	-	-	-	-	
731	Advertising	36.2	36.0	35.8	35.8	-	-	-	-	-	
734	Services to buildings	27.6	27.5	28.6	28.7	-	-	-	-	-	
737	Computer and data processing services	38.9	38.9	37.9	37.6	-	-	-	-	-	
75	AUTO REPAIR, SERVICES, AND GARAGES	37.3	37.3	37.7	37.8	-	-	-	-	-	
753	Automotive repair shops	38.8	38.7	39.0	39.2	-	-	-	-	-	
76	MISCELLANEOUS REPAIR SERVICES	38.2	38.0	38.2	38.1	-	-	-	-	-	
78	MOTION PICTURES	27.5	27.5	28.8	28.7	-	-	-	-	-	
781	Motion picture production and services	37.7	37.2	39.1	38.5	-	-	-	-	-	
79	AMUSEMENT AND RECREATION SERVICES	29.5	29.3	29.6	29.5	-	-	-	-	-	
80	HEALTH SERVICES	32.6	32.6	32.5	32.4	-	-	-	-	-	
801	Offices of physicians	31.7	31.7	31.0	31.0	-	-	-	-	-	
802	Offices of dentists	28.3	28.2	28.4	28.4	-	-	-	-	-	
805	Nursing and personal care facilities	31.1	31.3	31.3	31.2	-	-	-	-	-	
806	Hospitals	34.0	33.9	33.9	33.9	-	-	-	-	-	
81	LEGAL SERVICES	34.7	34.6	34.5	34.7	-	-	-	-	-	
89	MISCELLANEOUS SERVICES	39.5	39.7	39.5	39.9	-	-	-	-	-	
891	Engineering and architectural services	39.6	39.6	39.8	40.2	-	-	-	-	-	
893	Accounting, auditing, and bookkeeping	40.5	41.1	39.9	40.5	-	-	-	-	-	

ESTABLISHMENT DATA HOURS AND EARNINGS

C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime ¹				
	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984p	Apr. 1984p
MANUFACTURING	\$8.47	\$8.48	\$8.72	\$8.74	\$8.76
DURABLE GOODS	9.02	9.02	9.26	9.28	9.30
Lumber and wood products	7.43	7.47	7.59	7.56	-
Furniture and fixtures	6.35	6.35	6.55	6.57	-
Stone, clay, and glass products	8.75	8.76	8.93	8.94	-
Primary metal industries	10.90	10.89	10.95	10.91	-
Fabricated metal products	8.80	8.79	8.95	8.96	-
Machinery, except electrical	9.21	9.22	9.51	9.53	-
Electric and electronic equipment	8.38	8.37	8.55	8.57	-
Transportation equipment	11.04	11.05	11.40	11.48	-
Instruments and related products	8.29	8.28	8.47	8.50	-
Miscellaneous manufacturing industries	6.60	6.61	6.81	6.80	-
NONDURABLE GOODS	7.74	7.75	7.93	7.95	7.97
Food and kindred products	7.85	7.88	8.01	8.03	-
Tobacco manufactures	10.32	10.50	10.99	11.10	-
Textile mill products	5.89	5.89	6.14	6.15	-
Apparel and other textile products	5.24	5.26	5.35	5.36	-
Paper and allied products	9.23	9.26	9.68	9.70	-
Printing and publishing	8.74	8.75	9.00	8.97	-
Chemicals and allied products	10.04	10.07	10.46	10.49	-
Petroleum and coal products	12.72	12.69	12.85	12.83	-
Rubber and misc. plastics products	7.64	7.64	7.81	7.84	-
Leather and leather products	5.44	5.44	5.55	5.56	-

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

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

Industry	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984p	Apr. 1984p
TOTAL PRIVATE:					
Current dollars	\$274.13	\$275.52	\$289.22	\$289.22	\$293.47
Constant (1977) dollars	169.85	169.55	173.08	173.08	-
MINING:					
Current dollars	467.74	469.25	494.93	497.76	\$497.76
Constant (1977) dollars	289.80	288.77	296.19	297.88	-
CONSTRUCTION:					
Current dollars	434.98	436.73	443.26	439.30	\$449.38
Constant (1977) dollars	269.50	268.76	265.27	262.90	-
MANUFACTURING:					
Current dollars	346.10	349.05	369.56	370.78	\$373.42
Constant (1977) dollars	214.44	214.80	221.16	221.89	-
TRANSPORTATION AND PUBLIC UTILITIES:					
Current dollars	413.32	413.79	428.61	428.61	\$430.49
Constant (1977) dollars	256.08	254.64	256.50	256.50	-
WHOLESALE AND RETAIL TRADE:					
Current dollars	201.90	203.18	211.05	212.39	\$215.36
Constant (1977) dollars	125.09	125.03	126.30	127.10	-
FINANCE, INSURANCE, AND REAL ESTATE:					
Current dollars	258.84	261.00	273.70	273.70	\$275.96
Constant (1977) dollars	160.37	160.62	163.79	163.79	-
SERVICES:					
Current dollars	233.74	234.72	244.83	244.50	\$247.97
Constant (1977) dollars	144.82	144.44	146.52	146.32	-

¹ For coverage of series, see footnote 1, table B-2.

p = preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers¹ on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984 ^p	Apr. 1984 ^p
	Hours				
TOTAL PRIVATE	101.2	102.8	106.9	107.9	110.2
GOODS-PRODUCING	85.9	87.9	95.6	96.4	99.3
MINING	108.9	107.7	118.3	118.5	119.8
CONSTRUCTION	84.7	91.5	95.7	96.3	107.5
MANUFACTURING	85.0	86.3	94.5	95.3	96.7
DURABLE GOODS	81.8	83.3	93.9	95.1	96.7
Lumber and wood products	82.2	86.0	93.8	95.9	98.6
Furniture and fixtures	88.2	91.1	101.4	102.5	103.9
Stone, clay, and glass products	75.0	78.9	82.6	84.2	88.2
Primary metal industries	63.3	64.8	73.5	74.3	75.4
Fabricated metal products	79.6	80.7	90.2	90.7	91.9
Machinery, except electrical	80.1	80.3	94.5	96.1	97.5
Electric and electronic equipment	95.4	96.7	110.9	112.1	113.2
Transportation equipment	81.8	83.4	96.2	97.7	99.0
Instruments and related products	101.0	100.6	106.3	106.8	107.8
Miscellaneous manufacturing industries	79.9	61.5	85.6	86.6	88.8
NONDURABLE GOODS	89.7	90.8	95.3	95.7	96.9
Food and kindred products	88.8	89.2	91.1	91.2	92.3
Tobacco manufactures	82.0	80.4	76.3	76.0	77.9
Textile mill products	77.5	79.2	83.6	83.8	84.7
Apparel and other textile products	85.9	86.7	93.8	94.3	95.2
Paper and allied products	91.4	92.3	96.9	96.9	97.8
Printing and publishing	107.2	107.6	111.7	113.7	114.7
Chemicals and allied products	93.9	94.6	96.9	96.6	97.3
Petroleum and coal products	92.9	93.4	84.0	84.6	86.8
Rubber and misc. plastics products	94.6	98.1	111.8	112.3	114.8
Leather and leather products	78.1	80.3	81.6	80.0	82.7
SERVICE-PRODUCING	109.7	111.1	113.2	114.3	116.3
TRANSPORTATION AND PUBLIC UTILITIES	97.7	98.5	99.8	100.3	101.6
WHOLESALE AND RETAIL TRADE	100.6	102.1	103.2	104.4	106.8
WHOLESALE TRADE	105.2	105.5	109.0	110.0	111.6
RETAIL TRADE	98.8	100.8	101.0	102.2	105.0
FINANCE, INSURANCE, AND REAL ESTATE	115.9	117.1	120.4	120.7	122.7
SERVICES	123.1	124.7	127.9	129.3	131.1

¹ For coverage of series, see footnote 1, table B-2.

p = preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers¹ on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	Mar. 1983	Apr. 1983	Feb. 1984	Mar. 1984 ²	Apr. 1984 ²
	Payrolls				
TOTAL PRIVATE	152.4	155.5	167.9	169.4	174.1
GOODS-PRODUCING	131.6	135.3	151.0	152.7	158.0
MINING	175.5	175.0	196.2	198.5	200.7
CONSTRUCTION	124.9	134.3	141.5	142.3	158.1
MANUFACTURING	130.9	133.3	151.1	152.9	155.6
DURABLE GOODS	125.4	127.9	149.5	151.9	154.7
Lumber and wood products	123.9	130.6	145.1	147.9	153.6
Furniture and fixtures	132.2	136.7	157.6	159.7	161.7
Stone, clay, and glass products	117.9	124.4	133.5	136.4	144.5
Primary metal industries	96.1	98.5	114.0	114.7	117.1
Fabricated metal products	122.0	124.0	142.6	143.5	145.6
Machinery, except electrical	121.2	121.6	150.1	152.9	155.4
Electric and electronic equipment	152.3	154.3	182.6	185.0	187.2
Transportation equipment	128.9	132.0	158.6	162.8	164.7
Instruments and related products	161.7	160.9	175.1	176.7	179.7
Miscellaneous manufacturing industries	123.7	126.2	137.2	138.7	142.0
NONDURABLE GOODS	140.6	142.7	153.8	154.7	157.1
Food and kindred products	134.7	136.2	141.5	142.1	144.5
Tobacco manufactures	154.3	153.9	152.6	153.9	160.2
Textile mill products	119.0	122.0	134.4	135.1	136.9
Apparel and other textile products	126.3	127.9	141.3	142.4	143.9
Paper and allied products	148.3	150.6	166.0	166.6	169.0
Printing and publishing	158.1	158.8	170.0	173.0	174.1
Chemicals and allied products	151.7	153.4	164.1	164.1	166.1
Petroleum and coal products	157.4	158.3	144.1	145.3	148.0
Rubber and misc. plastics products	144.9	150.7	177.2	178.6	183.5
Leather and leather products	119.7	122.9	128.0	125.7	130.2
SERVICE-PRODUCING	167.1	169.9	179.8	181.3	185.4
TRANSPORTATION AND PUBLIC UTILITIES	149.3	150.9	156.9	157.6	160.0
WHOLESALE AND RETAIL TRADE	151.1	153.9	161.8	163.5	168.1
WHOLESALE TRADE	161.3	163.3	175.1	176.8	181.7
RETAIL TRADE	145.7	148.9	154.6	156.3	160.9
FINANCE, INSURANCE, AND REAL ESTATE	183.6	186.2	199.9	200.3	203.5
SERVICES	189.9	193.2	206.6	208.5	213.0

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED HOURS**

**C-6. Average weekly hours of production or nonsupervisory workers' on private nonagricultural payrolls
by industry division and major manufacturing group, seasonally adjusted**

Industry	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. p	Apr. p
TOTAL PRIVATE	34.9	35.1	35.1	35.0	35.0	35.2	35.3	35.2	35.3	35.5	35.4	35.2	35.6
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MANUFACTURING	40.1	40.0	40.1	40.2	40.3	40.8	40.6	40.6	40.5	41.0	41.0	40.6	41.2
<i>Overtime hours</i>	2.9	2.7	2.9	3.0	3.1	3.3	3.3	3.3	3.4	3.5	3.6	3.4	3.7
DURABLE GOODS	40.5	40.4	40.6	40.8	40.8	41.5	41.2	41.2	41.1	41.8	41.7	41.2	41.9
<i>Overtime hours</i>	2.8	2.6	2.8	3.0	3.1	3.4	3.4	3.5	3.5	3.7	3.7	3.6	3.9
Lumber and wood products	40.0	39.8	40.0	39.9	40.2	40.5	40.3	39.7	39.7	40.8	40.4	39.9	40.5
Furniture and fixtures	39.3	39.2	39.6	39.7	39.7	40.0	39.8	39.7	40.1	40.2	39.7	39.1	40.0
Stone, clay, and glass products	41.0	41.2	41.6	41.7	41.7	42.1	41.7	41.7	41.6	42.3	42.6	41.7	42.5
Primary metal industries	39.9	40.3	40.3	40.8	40.9	41.2	41.7	41.6	41.8	41.9	42.0	41.7	42.0
Fabricated metal products	40.5	40.4	40.5	40.7	40.9	41.6	41.2	41.4	41.4	41.8	41.9	41.1	41.9
Machinery, except electrical	40.2	40.0	40.4	40.7	40.7	41.2	41.3	41.3	41.4	41.8	41.9	41.5	42.4
Electric and electronic equipment	40.4	40.3	40.5	40.8	40.7	41.1	41.1	41.1	40.9	41.4	41.3	40.7	41.3
Transportation equipment	42.3	41.6	41.9	42.0	41.8	43.5	42.5	42.5	41.9	43.4	43.2	42.9	43.6
Instruments and related products	40.5	40.4	40.1	40.7	40.4	41.0	40.7	40.6	40.7	41.4	41.3	41.0	42.0
Miscellaneous manufacturing and	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
NONDURABLE GOODS	39.5	39.4	39.6	39.5	39.5	39.9	39.7	39.7	39.7	40.0	40.0	39.7	40.2
<i>Overtime hours</i>	3.0	2.9	3.0	3.0	3.1	3.1	3.1	3.1	3.2	3.2	3.3	3.2	3.4
Food and kindred products	39.6	39.4	39.8	39.4	39.6	39.9	39.7	39.5	39.4	39.6	39.8	39.7	40.2
Tobacco manufactures	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	40.6	40.4	40.7	40.7	40.9	41.3	40.7	40.7	40.7	41.1	40.9	40.5	41.3
Apparel and other textile products	36.2	36.1	36.1	35.8	36.2	36.8	36.5	36.4	36.5	37.3	37.1	36.6	37.2
Paper and allied products	42.4	42.7	42.8	42.9	42.9	43.3	43.2	43.0	43.0	43.2	43.3	42.8	43.2
Printing and publishing	37.7	37.4	37.6	37.7	37.5	37.8	38.0	37.9	37.6	37.9	37.9	37.8	38.4
Chemicals and allied products	41.5	41.6	41.9	41.8	41.6	41.7	41.7	41.8	41.9	42.2	42.2	41.8	41.9
Petroleum and coal products	43.5	43.6	43.8	43.7	43.5	43.2	43.5	43.6	44.7	45.1	44.6	44.3	42.8
Rubber and misc. plastics products	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Leather and leather products	37.0	36.8	36.8	37.4	37.2	37.7	37.5	37.2	37.0	37.3	37.1	36.5	37.6
TRANSPORTATION AND PUBLIC UTILITIES	38.8	38.9	38.9	38.9	39.3	39.4	39.4	39.2	39.4	39.5	39.2	39.1	39.3
WHOLESALE AND RETAIL TRADE	31.7	31.9	32.0	31.9	31.8	31.8	32.1	32.0	32.4	32.2	32.1	32.0	32.2
WHOLESALE TRADE	38.5	38.6	38.7	38.6	38.5	38.7	38.7	38.7	38.7	38.8	38.7	38.6	39.0
RETAIL TRADE	29.6	29.9	29.9	29.8	29.7	29.7	30.0	30.0	30.4	30.1	30.0	29.9	30.1
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	32.7	32.9	32.7	32.6	32.7	32.8	32.9	32.7	32.6	32.8	32.7	32.7	32.9

¹ For coverage of series, see footnote 1, table B-2.

² This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

p = preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED

C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. p	Apr. p
TOTAL PRIVATE	104.0	105.0	105.7	106.1	105.3	107.5	108.1	108.3	108.9	110.1	110.4	109.9	111.5
GOODS-PRODUCING	89.6	90.5	91.8	93.0	93.5	95.1	95.6	96.3	96.8	99.5	100.1	98.5	101.1
MINING	109.5	110.3	112.5	114.0	115.0	117.0	118.5	118.1	118.9	122.2	120.9	120.1	122.0
CONSTRUCTION	96.3	99.6	102.0	103.5	104.5	106.0	103.9	105.2	105.6	112.6	114.3	107.6	112.9
MANUFACTURING	87.4	87.8	88.8	90.0	90.4	92.0	92.9	93.5	94.0	95.9	96.4	95.7	97.9
DURABLE GOODS	83.7	84.3	85.4	87.2	87.8	89.8	91.1	91.9	92.6	94.7	95.6	94.8	97.2
Lumber and wood products	88.0	89.2	92.2	93.5	95.6	97.0	98.0	97.0	97.2	100.0	99.2	99.3	101.0
Furniture and fixtures	92.0	93.1	94.8	97.2	97.0	98.0	99.1	100.1	101.7	103.0	103.1	102.3	104.9
Stone, clay, and glass products	80.0	81.3	82.5	83.4	84.5	85.7	85.9	86.1	85.5	87.3	89.9	87.8	89.3
Primary metal industries	63.7	65.1	65.2	67.0	67.6	68.9	71.6	72.1	73.4	72.7	73.6	73.1	74.3
Fabricated metal products	81.4	82.0	82.8	83.7	85.2	86.9	87.6	88.5	89.4	91.0	91.7	90.4	92.6
Machinery, except electrical	80.0	81.4	82.4	84.6	85.6	87.0	88.3	90.0	91.0	92.9	94.2	94.2	97.3
Electric and electronic equipment	97.6	98.0	99.6	101.6	101.1	104.7	106.5	108.0	108.2	110.7	111.8	111.5	114.0
Transportation equipment	83.7	82.9	84.2	86.8	86.9	89.9	91.1	92.0	92.5	97.4	98.0	96.7	99.4
Instruments and related products	101.9	101.7	100.4	101.9	102.2	105.0	105.1	105.1	104.8	107.1	107.2	106.7	109.3
Miscellaneous manufacturing ind	82.9	82.4	82.7	84.5	83.4	82.9	85.0	85.4	87.2	87.3	88.8	87.2	90.4
NONDURABLE GOODS	92.8	92.9	93.9	94.2	94.2	95.3	95.6	95.8	96.1	97.6	97.6	96.9	98.9
Food and kindred products	96.0	95.6	97.4	96.2	95.5	96.3	95.8	95.9	95.6	97.1	97.0	96.8	99.5
Tobacco manufactures	85.1	88.6	88.3	87.3	82.1	83.6	84.7	83.4	82.8	83.1	79.1	82.3	87.4
Textile mill products	80.1	80.1	81.8	81.8	83.1	83.9	83.4	83.5	83.7	85.3	84.7	84.1	85.6
Apparel and other textile products	87.6	87.7	88.1	89.0	89.6	91.2	91.7	92.1	92.9	95.4	95.0	93.8	95.2
Paper and allied products	93.1	94.4	94.6	95.4	95.0	96.5	96.8	96.6	97.4	98.0	98.6	97.7	98.6
Printing and publishing	108.1	107.5	108.7	109.0	108.9	109.8	111.3	111.8	110.9	112.4	112.4	112.6	115.3
Chemicals and allied products	94.7	94.7	95.5	95.8	95.1	95.5	95.9	96.2	96.8	97.7	97.8	96.4	97.3
Petroleum and coal products	94.6	93.3	92.9	92.7	91.5	90.1	89.9	89.4	90.8	90.0	89.8	88.4	87.7
Rubber and misc. plastics products	98.5	100.2	100.6	102.7	103.5	105.7	106.7	108.0	109.6	111.0	113.0	112.6	115.0
Leather and leather products	81.7	81.2	81.2	82.6	84.0	85.6	85.1	84.4	83.5	84.7	83.7	81.9	83.9
SERVICE-PRODUCING	111.9	113.0	113.3	113.4	111.8	114.4	115.1	114.9	115.6	116.0	116.1	116.2	117.3
TRANSPORTATION AND PUBLIC UTILITIES	95.6	99.9	99.9	99.7	85.0	102.0	101.8	101.1	101.7	102.7	101.9	101.8	102.8
WHOLESALE AND RETAIL TRADE	103.6	104.7	105.4	105.3	105.3	105.6	106.5	106.8	108.1	107.7	107.7	107.6	108.5
WHOLESALE TRADE	106.6	107.3	108.1	107.9	108.1	109.3	109.5	109.6	109.9	111.0	110.9	111.0	112.7
RETAIL TRADE	102.4	103.7	104.4	104.3	104.2	104.1	105.4	105.7	107.3	106.5	106.4	106.3	106.9
FINANCE, INSURANCE, AND REAL ESTATE	117.8	119.1	118.9	119.1	119.0	119.5	120.2	119.8	120.5	121.9	121.5	121.5	123.3
SERVICES	124.7	126.1	126.1	126.3	127.1	128.0	128.6	128.2	128.3	129.1	129.7	130.2	131.2

¹ For coverage of series, see footnote 1, table B-2.

p = preliminary

ESTABLISHMENT DATA SEASONALLY ADJUSTED

C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, seasonally adjusted

Industry	1983									1984			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. p	Apr. p
Hourly Earnings Index² (1977=100)													
TOTAL PRIVATE (In current dollars) . . .	154.0	154.6	154.8	155.2	155.0	155.9	156.8	156.9	157.6	158.3	158.2	158.8	159.6
MINING ³	165.7	165.0	166.4	167.6	167.3	168.3	168.7	169.8	170.1	171.4	171.0	172.5	172.7
CONSTRUCTION	145.9	144.5	144.6	144.0	144.1	145.5	145.1	144.6	145.2	146.2	146.1	146.5	146.7
MANUFACTURING	157.0	157.7	157.8	158.2	158.1	158.3	158.9	159.7	160.1	160.7	161.1	161.7	162.0
TRANSPORTATION AND PUBLIC UTILITIES	155.9	156.6	156.8	157.9	155.4	157.2	158.4	158.7	158.9	160.0	159.3	160.8	160.7
WHOLESALE AND RETAIL TRADE	150.5	151.2	151.6	152.2	152.3	153.1	154.1	154.1	154.8	155.2	155.2	155.5	156.6
FINANCE, INSURANCE, AND REAL ESTATE ³	157.4	159.0	158.2	159.1	158.2	159.8	162.1	161.0	162.0	164.5	164.3	164.3	164.9
SERVICES	154.0	154.9	155.5	155.6	155.9	157.1	158.4	158.1	159.2	159.8	159.2	159.5	161.7
TOTAL PRIVATE (In 1977 dollars) ⁴	94.7	94.7	94.8	94.7	94.1	94.3	94.6	94.4	94.7	94.7	94.6	94.9	-
Average hourly earnings													
TOTAL PRIVATE	\$7.95	\$7.97	\$8.00	\$8.03	\$7.98	\$8.08	\$8.13	\$8.13	\$8.16	\$8.23	\$8.23	\$8.25	\$8.30
MINING	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION	12.02	11.86	11.85	11.82	11.83	11.96	11.92	11.89	11.93	11.97	11.97	12.03	12.04
MANUFACTURING	8.78	8.79	8.82	8.85	8.84	8.87	8.94	9.00	9.01	9.05	9.09	9.12	9.14
TRANSPORTATION AND PUBLIC UTILITIES	10.76	10.82	10.83	10.88	10.64	10.82	10.90	10.92	10.94	11.02	10.97	11.08	11.05
WHOLESALE AND RETAIL TRADE	6.43	6.45	6.49	6.51	6.52	6.54	6.59	6.59	6.61	6.63	6.63	6.67	6.71
FINANCE, INSURANCE, AND REAL ESTATE	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES	7.19	7.24	7.26	7.26	7.26	7.32	7.38	7.37	7.41	7.47	7.46	7.48	7.55
Average weekly earnings													
TOTAL PRIVATE: Current dollars	277.46	279.75	280.80	281.05	279.30	284.42	286.99	286.18	288.05	292.17	291.34	290.40	295.48
1977 dollars ³	170.64	171.42	171.85	171.48	169.58	172.06	173.09	171.98	172.90	174.85	174.14	173.58	-

¹ For coverage of series, see footnote 1, table B-2.

² The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments: Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

³ The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

⁴ The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

⁵ See footnote 2, table C-6.

p = preliminary.

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

C-9. 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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a
Alabama	39.9	40.9	40.8	\$7.58	\$7.82	\$7.80	\$302.44	\$319.84	\$318.24
Birmingham	39.6	40.4	41.4	7.88	8.17	8.12	312.05	330.07	336.17
Mobile	39.8	41.6	41.6	9.87	9.83	9.73	392.83	408.93	404.77
Alaska	34.7	33.9	(¹)	12.90	14.31	(¹)	447.63	485.11	(¹)
Arizona	39.7	40.8	40.7	8.79	9.19	9.05	348.96	374.95	368.34
Arkansas	39.5	40.2	40.2	6.94	7.30	7.33	274.13	293.46	294.67
Fayetteville-Springdale	38.7	41.6	40.7	6.35	6.61	6.77	245.75	274.98	275.54
Fort Smith	38.0	39.9	39.5	7.00	7.39	7.45	266.00	294.86	294.28
Little Rock-North Little Rock	39.9	38.9	39.0	8.05	8.32	8.40	321.20	323.65	327.60
Pine Bluff	40.6	41.9	40.0	8.92	9.07	9.30	362.15	380.03	372.00
California	39.4	40.1	40.3	9.43	9.61	9.65	371.54	385.36	388.90
Colorado	39.1	39.8	40.2	8.86	9.27	9.28	346.43	368.95	373.06
Denver-Boulder	39.4	39.9	40.1	9.19	9.73	9.69	362.09	388.23	388.57
Connecticut	40.9	42.5	42.4	8.62	9.12	9.14	352.56	387.60	387.54
Bridgeport	40.8	42.6	42.6	9.02	9.50	9.50	368.02	404.70	404.70
Hartford	41.2	42.4	41.9	9.28	9.68	9.77	382.34	410.43	409.36
New Britain	40.1	41.6	41.7	8.86	9.31	9.34	355.29	387.30	389.49
New Haven-West Haven	39.0	41.0	40.5	8.52	9.06	9.11	332.28	371.46	368.96
Stamford	39.6	40.8	41.5	8.41	8.85	8.95	333.04	361.08	371.42
Waterbury	42.0	44.8	43.5	7.36	7.80	7.73	309.12	349.44	336.26
Delaware	40.3	41.6	42.5	9.04	9.25	9.32	364.31	384.80	396.10
Wilmington	40.3	42.6	42.8	10.40	10.57	10.74	419.12	450.28	459.67
District of Columbia:									
Washington SMSA	38.2	39.0	38.2	9.75	9.93	9.98	372.45	367.27	381.24
Florida	40.1	41.6	41.3	7.25	7.56	7.52	290.73	314.50	310.58
Fort Lauderdale-Hollywood	40.3	40.3	41.5	7.02	7.45	7.44	282.91	300.24	308.76
Jacksonville	40.8	41.3	41.5	8.01	8.06	8.10	326.81	332.88	336.15
Lakeland-Winter Haven	38.6	42.7	41.1	7.12	7.67	7.56	274.83	327.51	310.72
Miami	38.9	39.6	39.1	5.96	6.29	6.32	231.84	249.08	247.11
Orlando	41.2	42.2	42.5	7.55	7.88	7.85	311.06	332.54	333.63
Pensacola	41.8	43.9	42.4	8.72	9.08	9.18	364.50	398.61	389.23
Tampa-St. Petersburg	41.3	41.8	42.4	7.20	7.48	7.54	297.36	312.66	319.70
West Palm Beach-Boca Raton	43.9	43.0	38.9	7.78	7.75	7.47	341.54	333.25	290.58
Georgia	40.3	40.9	41.3	7.11	7.38	7.47	286.53	301.84	308.51
Atlanta	40.5	40.8	41.4	8.50	8.78	8.97	344.25	358.22	371.36
Savannah	41.8	43.5	44.5	9.14	9.51	9.51	382.05	413.69	423.20
Hawaii	39.3	38.1	39.0	8.26	8.51	8.58	324.62	324.23	334.62
Honolulu	38.5	37.8	39.6	8.32	8.55	8.56	320.32	323.19	338.98
Idaho	36.5	37.2	37.4	8.53	9.09	8.88	311.35	338.15	332.11
Illinois	39.7	40.9	41.0	9.47	9.94	9.97	375.96	406.55	408.77
Bloomington-Normal	41.1	40.3	40.0	9.06	9.61	9.79	372.37	387.28	391.60
Champaign-Urbana-Rantoul	37.5	39.8	40.0	9.26	9.52	9.59	347.25	378.90	383.60
Chicago SMSA	39.5	41.0	41.1	9.36	9.80	9.83	369.72	401.80	404.01
Davenport-Rock Island-Moline	39.2	39.5	39.1	12.06	12.20	12.29	472.75	481.90	480.54
Decatur	40.4	38.4	39.1	11.93	12.80	12.75	481.97	491.52	498.53
Kankakee	38.9	38.9	39.8	8.04	8.38	8.57	312.76	325.98	341.09
Peoria	37.0	40.6	40.7	10.41	12.56	12.49	385.17	509.94	508.34
Rockford	40.0	43.3	44.0	9.45	10.18	10.30	378.00	440.79	453.20
Springfield	40.4	40.9	40.9	11.00	11.04	10.91	444.40	451.54	446.22
Indiana	40.1	41.9	41.9	9.99	10.42	10.41	400.60	436.60	436.18
Gary-Hammond-East Chicago	38.1	(¹)	(¹)	12.73	(¹)	(¹)	485.01	(¹)	(¹)
Indianapolis	40.3	(¹)	(¹)	10.00	(¹)	(¹)	403.00	(¹)	(¹)

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

C-9. 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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a
Iowa	39.2	39.6	39.1	\$10.01	\$10.21	\$10.24	\$392.39	\$404.32	\$400.38
Cedar Rapids	41.2	41.2	41.1	10.75	10.57	10.73	442.90	435.48	441.00
Des Moines	37.5	40.1	41.0	11.11	12.15	12.17	416.63	487.22	498.97
Dubuque	37.9	37.1	36.3	10.36	11.18	11.16	392.84	414.78	405.11
Sioux City	40.6	36.3	40.0	9.19	8.61	8.74	373.11	312.54	349.60
Waterloo-Cedar Falls	39.8	40.3	39.6	12.23	12.91	12.99	486.75	520.27	514.40
Kansas	38.8	40.2	40.1	9.20	9.48	9.38	356.96	381.10	376.14
Topeka	36.4	40.3	39.7	8.78	9.44	9.50	319.59	380.43	377.15
Wichita	41.7	41.7	41.6	10.01	10.26	10.23	417.42	427.84	425.57
Kentucky	38.7	39.0	39.1	8.63	9.16	9.10	333.98	357.24	355.81
Lexington-Fayette	39.6	39.6	38.8	9.35	9.67	9.64	370.26	382.93	374.03
Louisville	39.6	39.5	40.2	10.12	10.49	10.43	400.75	414.36	419.29
Louisiana	39.6	41.7	41.8	9.71	10.10	10.02	384.52	421.17	418.84
Baton Rouge	41.6	42.8	41.7	12.52	11.56	11.66	520.83	492.46	486.22
New Orleans	38.5	40.7	41.0	9.00	9.72	9.67	346.50	395.60	396.47
Shreveport	39.4	41.7	40.9	9.31	9.97	9.66	366.81	415.75	395.09
Maine	39.6	40.2	37.9	7.55	7.82	7.83	298.98	314.36	296.76
Lewiston-Auburn	39.0	38.8	35.8	6.07	6.35	6.45	236.73	246.38	230.91
Portland	37.7	39.3	37.4	7.51	7.58	7.68	283.13	297.69	287.23
Maryland	39.8	40.7	40.7	8.93	9.29	9.26	355.41	378.10	376.88
Baltimore	40.4	41.4	41.1	9.45	9.79	9.73	381.78	405.31	399.90
Massachusetts	39.8	40.7	40.2	7.89	8.29	8.34	314.02	337.40	335.27
Boston	39.4	39.9	40.1	8.60	8.99	9.04	338.84	356.70	362.50
Brockton	38.1	39.9	39.4	6.45	6.45	6.56	245.75	257.36	258.46
Fall River	35.6	37.8	37.3	6.23	6.68	6.76	221.79	252.50	252.15
Lawrence-Haverhill	40.0	40.1	39.3	7.81	8.48	8.48	312.40	340.05	333.26
Lowell	38.0	40.0	38.7	7.16	7.79	7.72	272.08	311.60	298.76
New Bedford	37.4	39.6	39.4	7.11	7.37	7.38	265.91	291.85	290.77
Springfield-Chicopee-Holyoke	40.5	41.9	41.0	7.99	8.38	8.43	323.60	351.12	345.63
Worcester	39.3	40.4	39.6	8.08	8.54	8.60	317.54	345.02	340.56
Michigan	41.7	43.4	43.4	11.41	12.00	12.12	476.28	520.89	525.59
Ann Arbor	42.0	45.0	45.2	11.55	12.52	12.79	484.56	563.61	578.68
Battle Creek	40.4	41.3	41.8	11.50	12.09	12.10	465.17	499.21	505.90
Bay City	40.9	43.0	40.3	10.17	10.59	10.50	418.23	455.64	423.47
Detroit	42.5	43.8	44.6	12.12	12.66	12.85	514.85	552.47	573.41
Flint	42.9	47.0	45.1	13.12	13.76	13.93	562.74	646.63	628.72
Grand Rapids	40.8	42.5	42.4	9.71	10.19	10.13	394.29	433.54	429.47
Jackson	42.6	42.3	41.5	9.88	9.98	9.98	412.37	421.78	414.34
Kalamazoo-Portage	40.2	42.1	41.5	10.73	11.33	11.40	431.64	477.22	473.43
Lansing-East Lansing	41.7	44.3	42.2	12.74	13.41	13.71	531.47	594.31	578.40
Muskegon-Norton Shores-Muskegon Heights	39.4	41.0	41.7	10.16	10.77	10.94	400.00	441.59	456.58
Saginaw	41.3	44.9	44.9	13.10	14.38	14.55	540.33	646.18	653.31
Minnesota	39.5	40.5	40.6	9.53	9.67	9.83	376.44	391.64	390.98
Duluth-Superior	37.0	37.7	37.6	9.78	10.77	10.68	361.12	406.03	401.57
Minneapolis-St. Paul	39.7	41.2	41.1	10.00	10.23	10.20	397.00	421.48	419.22
St. Cloud	37.7	37.2	38.1	8.32	8.67	8.69	313.66	322.52	331.09
Mississippi	39.2	40.7	40.4	6.59	6.91	6.95	258.33	281.24	280.78
Jackson	40.2	40.5	40.8	7.47	7.79	7.93	300.29	315.50	323.54
Missouri	39.0	40.2	40.5	8.76	9.08	9.10	341.64	365.02	368.55
Kansas City	39.8	41.3	40.5	9.72	10.29	10.30	386.88	424.98	417.15
St. Joseph	37.1	38.4	38.3	8.30	8.49	8.35	307.93	326.02	319.81
St. Louis	39.8	40.9	41.8	9.95	10.38	10.43	396.01	424.54	433.89
Springfield	41.0	39.6	40.3	8.00	8.13	8.22	328.00	321.95	331.27
Montana	40.0	39.0	39.2	10.16	10.79	10.57	406.40	420.81	414.34
Nebraska	39.7	40.4	40.5	8.78	8.64	8.85	347.77	357.14	358.43
Lincoln	37.8	40.5	40.1	8.78	9.32	9.28	331.88	377.46	372.13
Omaha	37.7	40.5	39.7	9.09	9.22	9.20	342.69	373.41	365.24

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

C-9. 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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a	Mar. 1983	Feb. 1984	Mar. 1984 ^a
Nevada	38.2	40.1	39.4	\$8.97	\$8.94	\$9.00	\$342.65	\$358.49	\$354.60
Las Vegas	38.4	38.9	38.8	10.70	11.06	11.08	410.88	430.23	429.90
New Hampshire	39.8	40.9	39.6	7.24	7.66	7.77	288.15	313.29	307.69
Manchester	38.9	39.6	37.8	7.02	7.34	7.52	273.08	290.66	284.26
Nashua	41.1	42.3	40.4	8.54	9.05	9.26	350.99	382.82	374.10
New Jersey	40.6	41.5	41.2	9.12	9.41	9.40	370.27	340.52	387.28
Atlantic City	40.7	42.5	42.2	7.45	7.47	7.66	303.22	317.48	323.25
Camden	40.7	40.3	39.7	9.72	9.76	9.70	395.60	393.33	385.09
Hackensack	40.2	40.7	40.2	8.08	8.33	8.33	324.82	339.03	334.87
Jersey City	40.4	40.1	39.7	8.45	8.74	8.61	341.38	350.47	341.82
New Brunswick-Perth Amboy-Sayreville	40.7	41.1	41.1	10.19	10.37	10.28	414.73	426.21	422.51
Newark	40.8	41.2	41.3	9.33	9.63	9.68	380.66	396.76	399.78
Paterson-Clifton-Passaic	40.8	41.6	41.4	8.80	9.24	9.24	359.04	384.38	382.54
Trenton	40.3	41.3	41.3	8.98	9.26	9.16	361.89	382.44	378.31
New Mexico	39.8	39.0	39.4	7.48	7.81	7.76	297.70	304.59	305.74
Albuquerque	38.5	39.2	39.3	7.42	7.66	7.51	285.67	300.27	295.14
New York	39.0	39.9	39.6	8.74	9.15	9.15	340.86	365.09	362.34
Albany-Schenectady-Troy	40.0	40.5	40.0	9.08	9.12	9.16	363.20	369.36	366.40
Binghamton	39.9	41.2	40.2	7.87	8.20	8.13	314.01	337.84	326.83
Buffalo	40.2	41.6	42.0	10.94	11.36	11.44	439.79	472.58	480.48
Elmira	39.5	40.7	41.5	8.80	8.93	8.94	347.60	363.45	371.01
Glens Falls	38.9	40.0	38.9	8.56	9.20	9.28	332.98	368.00	360.99
Monroe County	41.1	42.5	42.2	11.55	11.86	11.82	474.71	504.05	498.80
Nassau-Suffolk	40.2	41.0	40.1	8.62	9.11	9.09	346.52	373.51	364.51
Newburgh-Middletown	38.5	39.6	38.8	6.55	6.87	6.84	252.18	272.05	265.39
New York-Northeastern New Jersey	38.9	(¹)	(¹)	8.52	(¹)	(¹)	331.43	(¹)	(¹)
New York and Nassau-Suffolk	37.5	38.1	37.8	8.05	8.49	8.47	301.88	323.47	320.17
New York SMSA	36.7	37.1	37.0	7.86	8.27	8.25	288.46	306.82	305.25
New York City	36.5	36.7	36.7	7.79	8.17	8.14	284.34	299.84	298.74
Poughkeepsie	43.4	43.7	42.7	8.69	8.74	8.71	377.15	381.94	371.92
Rochester	40.8	42.3	41.9	10.97	11.14	11.08	447.58	471.22	464.25
Rockland County	39.7	40.5	40.8	8.54	9.37	9.43	339.04	379.49	384.74
Syracuse	40.1	41.9	41.6	9.41	10.27	10.22	377.34	430.31	425.15
Utica-Rome	39.9	41.5	40.9	8.11	8.32	8.29	323.59	345.28	339.06
Westchester County	37.6	39.7	39.5	8.36	8.74	8.85	314.34	346.98	349.58
North Carolina	39.0	39.8	40.2	6.63	6.92	6.93	258.57	275.42	278.59
Asheville	39.2	40.3	40.2	6.48	6.87	6.84	254.02	276.86	274.97
Charlotte-Gastonia	40.6	40.9	41.6	6.70	6.87	6.91	272.02	280.98	287.46
Greensboro-Winston-Salem-High Point	38.0	38.6	39.7	7.24	7.51	7.59	275.12	289.89	301.32
Raleigh-Durham	39.1	40.5	41.1	7.77	8.14	8.12	303.81	329.67	333.73
North Dakota	36.9	38.5	37.0	7.74	7.81	7.89	285.61	300.69	291.93
Fargo-Moorhead	34.5	37.5	36.3	8.07	8.28	8.18	278.42	310.50	296.93
Ohio	40.8	42.4	42.6	10.40	10.83	10.91	424.32	459.19	464.77
Akron	43.3	43.9	43.9	10.34	10.75	10.84	447.72	471.93	475.88
Canton	39.1	41.0	40.9	10.41	10.91	10.91	407.03	447.31	446.22
Cincinnati	40.8	41.5	41.7	10.01	10.37	10.39	408.41	430.36	433.26
Cleveland	40.1	42.2	42.3	10.25	10.76	10.78	411.03	454.07	455.99
Columbus	40.4	40.4	40.5	9.76	10.23	10.23	394.30	413.29	414.32
Dayton	40.8	42.8	42.8	10.31	11.04	11.10	420.65	472.51	475.08
Toledo	42.0	43.5	43.7	10.99	11.48	11.52	461.58	499.38	503.42
Youngstown-Warren	41.1	43.8	45.1	12.21	12.66	13.12	501.83	554.51	591.71
Oklahoma	39.7	41.2	40.7	9.00	9.62	9.84	357.30	396.34	400.49
Oklahoma City	39.8	41.5	41.7	9.49	10.28	10.33	377.70	426.62	430.76
Tulsa	39.3	40.9	40.0	9.75	10.20	10.21	383.18	417.18	408.40
Oregon	38.6	38.7	39.4	10.34	10.51	10.38	399.12	406.74	408.97
Eugene-Springfield	40.4	38.4	40.1	10.64	10.68	10.75	429.86	410.11	431.08
Medford	38.7	39.5	39.9	9.69	9.79	9.65	375.00	386.71	385.04
Portland	38.9	39.2	40.2	10.49	10.80	10.57	408.06	423.36	424.91
Salem	36.9	37.0	37.8	9.76	9.69	9.44	360.14	358.53	356.83

See footnotes at end of table.

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

C-9. 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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
Pennsylvania	38.9	40.1	40.1	\$8.82	\$9.30	\$9.29	\$343.10	\$372.93	\$372.53
Allentown-Bethlehem-Easton	37.6	38.8	38.8	8.94	9.70	9.81	336.14	376.36	380.63
Altoona	38.3	38.8	38.8	7.73	8.10	8.13	296.06	314.28	315.44
Delaware Valley	39.2	39.8	40.1	9.22	9.61	9.62	361.42	382.48	385.76
Erie	40.0	41.2	41.7	9.36	9.82	9.82	374.40	404.58	409.49
Harrisburg	39.0	41.1	40.6	8.37	8.98	8.95	326.43	369.08	363.37
Johnstown	35.0	38.5	38.7	7.76	8.28	8.26	271.60	318.78	319.66
Lancaster	38.9	40.4	39.9	8.21	8.62	8.57	319.37	348.25	341.94
Northeast Pennsylvania	36.9	37.9	37.8	7.21	7.52	7.52	266.05	285.01	284.26
Philadelphia SMSA	39.4	39.9	40.1	9.26	9.63	9.64	364.84	384.24	386.56
Pittsburgh	38.9	40.7	40.4	10.78	11.29	11.28	419.34	459.50	455.71
Reading	39.7	41.3	40.7	8.55	9.31	9.34	339.44	384.50	380.14
Williamsport	38.6	39.4	39.4	8.06	8.08	8.07	311.12	318.35	317.96
York	40.6	41.8	41.8	7.90	8.44	8.49	320.74	352.79	354.88
Rhode Island	39.2	40.2	39.8	6.89	7.08	7.10	270.09	284.62	282.58
Providence-Warwick-Pawtucket	39.2	40.0	39.7	6.82	6.93	6.98	267.34	277.20	277.11
South Carolina	39.7	41.0	40.7	6.89	7.20	7.18	273.53	295.20	292.23
Charleston-North Charleston	42.0	41.7	42.0	8.29	8.58	8.56	348.18	357.79	359.52
Columbia	38.9	40.4	39.8	6.67	7.06	7.14	259.46	285.22	284.17
Greenville-Spartanburg	39.5	40.7	40.6	6.68	7.01	6.99	263.86	285.31	283.79
South Dakota	40.4	40.6	41.9	7.48	7.05	7.00	302.19	286.23	293.30
Sioux Falls	45.1	43.5	44.4	8.06	6.81	6.86	363.51	296.24	304.58
Tennessee	39.6	40.6	40.9	7.37	7.65	7.66	291.85	310.59	313.29
Chattanooga	41.1	42.6	42.7	7.06	7.27	7.33	290.17	309.70	312.99
Knoxville	39.4	39.8	41.1	8.79	9.11	9.14	346.33	362.58	375.65
Memphis	40.0	40.9	40.6	7.74	8.09	8.18	309.60	330.88	332.11
Nashville-Davidson	40.1	41.1	40.9	8.05	8.49	8.58	322.80	348.94	350.92
Texas	40.4	41.5	41.9	8.76	9.05	9.03	353.90	375.58	378.36
Dallas-Fort Worth	40.4	41.4	41.7	8.65	8.92	8.65	349.46	369.29	369.05
Houston	41.3	42.2	42.7	10.77	10.98	11.01	444.80	463.36	470.13
San Antonio	41.8	40.6	41.1	6.65	6.74	6.72	277.97	273.64	276.19
Utah	38.9	41.2	40.8	8.56	8.78	8.77	332.98	361.74	357.82
Salt Lake City-Ogden	39.1	41.1	41.0	6.68	8.57	8.63	339.39	352.23	353.83
Vermont	39.6	40.6	39.6	7.55	7.88	7.88	296.98	319.93	313.62
Burlington	41.4	42.5	42.4	8.46	8.82	8.81	350.24	374.65	373.54
Springfield	39.8	42.0	40.5	7.88	8.12	8.03	313.62	341.04	325.22
Virginia	39.2	39.9	39.9	7.71	7.98	8.00	302.23	318.40	319.20
Bristol	39.2	38.2	38.9	6.47	6.90	6.83	253.62	263.56	265.69
Charlottesville	42.4	39.4	40.0	6.52	6.92	6.87	276.45	272.65	274.60
Danville	40.4	42.2	40.6	7.06	7.59	7.47	285.22	320.30	303.28
Lynchburg	37.2	39.2	39.0	7.13	7.52	7.54	265.24	294.78	294.06
Norfolk-Virginia Beach-Portsmouth	40.9	41.3	41.4	8.07	8.44	8.51	330.06	348.57	352.31
Northern Virginia	41.1	40.9	39.9	8.44	8.39	8.46	346.88	343.15	337.55
Petersburg-Colonial Heights-Hopewell	40.4	40.4	39.9	9.79	10.14	9.89	395.52	409.66	394.61
Richmond	39.7	40.4	40.5	10.21	10.15	10.07	405.34	410.06	407.84
Roanoke	39.4	40.1	40.3	6.87	7.10	7.24	270.68	284.71	291.77
Washington	39.0	39.0	(¹)	11.45	11.62	(¹)	446.55	453.18	(¹)
West Virginia	39.1	40.2	40.1	9.49	9.63	9.67	371.06	387.13	387.77
Charleston	42.2	43.0	43.1	11.16	11.80	11.99	470.95	507.40	516.77
Huntington-Ashland	37.0	40.3	40.0	10.97	11.11	11.20	405.89	447.73	448.00
Parkersburg-Marietta	40.3	41.7	41.8	10.54	10.93	10.73	424.76	455.78	448.51
Wheeling	39.3	40.0	40.4	10.33	11.05	11.32	405.97	442.00	457.33

See footnotes at end of table.

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

C-9. 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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
Wisconsin	40.0	41.4	41.2	\$9.71	\$10.12	\$10.13	\$388.40	\$418.97	\$417.36
Appleton-Oshkosh	41.7	42.3	42.0	9.24	9.87	9.74	385.31	409.04	409.08
Eau Claire	40.9	39.7	41.5	9.25	9.92	9.83	378.32	393.82	407.95
Green Bay	40.4	41.3	41.1	8.98	10.69	10.72	403.19	441.50	440.59
Janesville-Beloit	41.8	41.3	40.2	10.47	11.17	11.22	437.65	461.32	451.04
Kenosha	38.3	41.4	40.2	11.30	11.77	11.84	432.79	487.28	475.97
La Crosse	39.2	38.9	39.0	8.64	8.79	8.73	338.69	341.93	340.47
Madison	39.6	39.4	40.5	9.49	9.47	9.41	375.80	373.12	381.10
Milwaukee	39.8	41.7	41.8	10.77	11.25	11.27	428.65	469.13	471.09
Racine	39.8	41.8	41.4	10.15	10.29	10.35	403.97	430.12	428.49
Sheboygan	(¹)	39.8	39.6	(¹)	9.43	9.37	(¹)	375.31	371.05
Wausau	(¹)	41.1	40.7	(¹)	9.15	9.12	(¹)	376.06	371.18
Wyoming	36.2	37.9	38.4	8.51	8.86	9.05	308.06	335.79	347.52
Puerto Rico	38.3	39.5	39.6	4.80	4.91	4.95	183.84	193.94	196.02
Virgin Islands	38.7	43.0	42.4	10.11	10.31	10.19	391.26	443.33	432.06

¹ Not available.

^P = preliminary.

NOTE: Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 1983

benchmarks except Gary-Hammond-East Chicago and Indianapolis, Indiana; New Jersey; New York-Northeastern New Jersey, New York; and Wisconsin.

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

C-10. Hours of wage and salary workers in nonagricultural establishments by major industry, seasonally adjusted

Industry	Millions of hours (annual rate) ¹			Percent change		
	Feb. 1984 ^r	Mar. 1984 ^r	Apr. 1984 ^p	Apr. 1983 to Apr. 1984 ^p	Feb. 1984 to Mar. 1984 ^r	Mar. 1984 to Apr. 1984 ^p
Total	173,750	172,917	175,978	5.9	-0.5	1.8
Private sector	142,114	141,802	143,982	6.8	-.2	1.5
Mining	2,375	2,362	2,385	9.3	-.6	1.0
Construction	8,395	7,927	8,361	15.1	-5.6	5.5
Manufacturing	40,971	40,969	41,583	9.1	.0	1.5
Durable goods	24,565	24,594	24,997	11.9	.1	1.6
Nondurable goods	16,406	16,375	16,586	5.1	-.2	1.3
Transportation and public utilities	10,295	10,313	10,420	3.3	.2	1.0
Wholesale trade	10,777	10,801	10,932	5.5	.2	1.2
Retail trade	24,187	24,201	24,435	4.7	.1	1.0
Finance, insurance, and real estate	10,502	10,508	10,671	4.8	.1	1.6
Services	34,613	34,721	35,196	5.9	.3	1.4
Government	31,636	31,115	31,997	1.9	-1.6	2.8

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

^p = preliminary.

^r = revised.

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

nonsupervisory workers, and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods*, BLS Bulletin 2134-1, chapter 13, Productivity Measures: Business Economy and Major Sectors.

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

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

C-11. Indexes of productivity, hourly compensation, unit costs, and prices, seasonally adjusted

(1977 = 100)

Item	Annual average		Quarterly index										
	1982	1983 ¹	1981		1982				1983				1984
			III	IV	I	II	III	IV	I	II	III	IV ²		P^{3}
Business sector													
Output per hour of all persons	101.2	103.9	102.3	101.2	101.1	100.7	101.1	101.9	102.4	103.9	104.2	105.3	106.0
Output	106.7	111.1	111.2	108.9	107.2	106.9	106.6	106.0	107.1	110.4	112.4	114.5	117.4
Hours	105.4	107.0	108.7	107.7	106.0	106.2	105.4	104.0	104.6	106.2	107.9	108.8	110.7
Compensation per hour	155.1	163.0	145.5	148.2	151.6	154.0	156.5	158.6	160.6	162.0	163.5	166.2	168.6
Real compensation per hour	97.4	99.2	95.6	95.8	97.1	97.3	97.2	98.1	99.3	99.1	99.0	99.5	99.8
Unit labor costs	153.3	156.9	142.3	146.4	149.9	152.9	154.7	155.6	156.9	156.0	156.9	157.9	159.1
Unit nonlabor payments	136.9	146.1	139.9	140.2	137.0	137.0	136.3	137.4	140.9	145.7	147.6	149.9	151.6
Implicit price deflator	147.7	153.2	141.5	144.3	145.5	147.5	148.5	149.4	151.5	152.5	153.8	155.2	156.5
Nonfarm business sector													
Output per hour of all persons	100.2	103.4	101.1	99.9	100.0	99.9	100.5	100.7	101.6	103.4	104.0	104.7	105.3
Output	106.3	111.1	110.5	108.2	106.5	106.7	106.5	105.4	106.7	110.2	112.5	114.8	117.5
Hours	108.0	107.4	109.4	108.2	106.5	106.8	106.0	104.6	105.0	106.6	108.2	109.6	111.5
Compensation per hour	154.7	163.4	145.1	147.7	151.3	153.5	156.1	158.3	160.8	162.6	164.1	165.9	168.3
Real compensation per hour	97.1	99.4	95.3	95.5	96.9	97.0	97.0	97.9	99.4	99.4	99.3	99.3	99.6
Unit labor costs	154.4	157.9	143.5	147.8	151.3	153.6	155.4	157.1	158.3	157.2	157.8	158.4	159.8
Unit nonlabor payments	137.0	146.6	138.3	139.5	136.4	137.7	136.5	137.2	140.7	145.8	148.3	151.3	151.6
Implicit price deflator	148.6	154.2	141.8	145.0	146.4	148.3	149.1	150.5	152.4	153.4	154.7	156.1	157.0
Manufacturing													
Output per hour of all persons	108.5	113.1	106.1	104.4	105.1	105.4	107.8	108.0	109.9	112.3	115.6	116.7	117.5
Output	99.1	106.8	108.1	103.3	100.2	99.5	99.5	97.2	100.1	105.0	110.7	113.4	116.9
Hours	93.0	94.4	101.9	98.9	95.3	94.4	92.3	90.0	91.1	93.5	95.7	97.2	99.5
Compensation per hour	158.2	166.7	147.0	150.5	155.2	157.2	159.6	161.2	165.1	166.0	167.1	168.7	171.4
Real compensation per hour	99.3	101.4	96.6	97.2	99.4	99.3	99.1	99.7	102.1	101.5	101.2	101.1	101.4
Unit labor costs	148.5	147.4	138.5	144.1	147.6	149.1	148.1	149.3	150.2	147.8	144.5	144.5	145.9
Durable goods													
Output per hour of all persons	105.4	112.6	105.2	103.7	103.7	104.2	106.8	107.1	109.1	111.8	114.9	116.6	118.0
Output	97.3	104.9	108.9	103.3	99.3	98.3	97.6	94.0	97.4	102.8	109.1	112.8	117.8
Hours	92.3	93.2	103.4	99.6	95.7	94.3	91.4	87.8	89.3	91.9	94.9	96.8	99.8
Compensation per hour	157.9	166.4	146.9	150.6	154.7	156.8	159.6	160.8	164.9	165.8	166.8	168.0	170.8
Real compensation per hour	99.1	101.2	96.5	97.4	99.0	99.1	99.1	99.5	102.0	101.3	101.0	100.6	101.0
Unit labor costs	149.8	147.8	139.6	145.3	149.1	150.4	149.4	150.2	151.1	148.1	145.1	144.1	144.7
Non-durable goods													
Output per hour of all persons	108.2	114.0	107.4	105.4	107.2	107.0	109.2	109.3	111.0	113.0	116.6	117.0	116.7
Output	101.8	109.6	107.0	103.2	101.7	101.3	102.3	101.9	104.1	108.4	113.1	114.4	115.8
Hours	94.1	96.1	99.6	97.9	94.8	94.6	93.7	93.3	93.8	95.9	97.0	97.8	99.1
Compensation per hour	159.1	168.0	146.4	149.9	155.9	157.9	160.2	162.9	168.2	167.3	168.0	170.2	172.2
Real compensation per hour	99.9	102.2	96.2	96.9	99.8	99.8	99.5	100.7	102.8	102.3	101.7	101.9	101.9
Unit labor costs	147.1	147.4	136.3	142.1	145.4	147.5	148.7	149.0	149.8	148.1	144.2	145.5	147.6
Nonfinancial corporations¹													
Output per all-employee hour	102.8	106.2	103.0	102.2	102.4	102.3	103.3	103.4	104.2	105.8	106.9	107.8	(⁴)
Output	107.8	112.5	112.9	110.4	108.6	108.1	108.0	106.4	107.6	111.3	114.3	118.8	(⁴)
Hours	104.8	105.9	109.8	108.1	108.0	105.7	104.6	102.9	103.3	105.2	106.9	108.4	(⁴)
Compensation per hour	154.8	162.2	145.0	147.8	151.7	153.7	158.1	158.1	160.3	161.4	162.6	164.5	(⁴)
Real compensation per hour	97.2	98.7	95.2	95.5	97.1	97.1	96.9	97.8	99.1	98.7	98.5	98.5	(⁴)
Total unit costs	153.5	155.2	143.6	147.7	150.9	153.1	153.8	156.3	156.7	155.3	154.5	154.4	(⁴)
Unit labor costs	150.6	152.8	140.7	144.6	148.1	150.2	151.1	152.9	153.9	152.5	152.1	152.6	(⁴)
Unit nonlabor costs	161.8	162.1	151.9	156.8	158.9	161.2	161.3	165.9	164.7	163.1	161.2	159.6	(⁴)
Unit profits	88.9	122.1	108.6	104.2	90.8	90.3	91.2	83.0	96.1	115.0	131.5	143.6	(⁴)
Implicit price deflator	146.1	151.4	139.8	142.7	144.0	145.9	146.6	147.9	149.7	150.7	151.8	153.2	(⁴)

¹ Fourth quarter measures for the nonfinancial corporate sector are preliminary.

² Not available.

³ = preliminary.

⁴ = revised.

NOTE: Average weekly hours of nonproduction workers in manufacturing were revised beginning with the first quarter of 1982. As a result, there may be small revisions in hours and related measures.

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

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

C-12. 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					
	IV 1982	I 1983	II 1983	III 1983	IV 1983 ^r	I 1984 ^p	IV 1982	I 1983	II 1983	III 1983	IV 1983 ^r	I 1984 ^p
Business sector												
Output per hour of all persons	3.2	1.9	5.9	1.2	4.2	2.9	0.7	1.3	3.1	3.0	3.3	3.5
Output	-2.3	4.2	12.7	7.8	7.6	10.3	-2.7	-1	3.2	5.5	8.0	9.6
Hours	-5.3	2.3	6.5	6.5	3.3	7.2	-3.4	-1.3	.1	2.4	4.6	5.8
Compensation per hour	5.6	5.2	3.5	3.6	6.9	6.0	7.0	6.0	5.2	4.5	4.8	5.0
Real compensation per hour	4.0	4.9	-.8	-.6	2.3	1.0	2.4	2.3	1.9	1.8	1.4	.5
Unit labor costs	2.3	3.3	-2.2	2.3	2.5	3.0	6.3	4.7	2.1	1.4	1.5	1.4
Unit nonlabor payments	3.2	10.6	14.4	5.4	6.2	4.6	-2.0	2.8	6.4	8.3	9.1	7.6
Implicit price deflator	2.6	5.5	2.8	3.3	3.7	3.5	3.5	4.1	3.4	3.6	3.8	3.3
Nonfarm business sector												
Output per hour of all persons	1.2	3.5	7.1	2.3	2.7	2.6	.8	1.7	3.5	3.5	3.9	3.7
Output	-4.1	4.9	13.7	8.9	8.1	9.9	-2.6	.2	3.3	5.7	8.9	10.1
Hours	-5.2	1.3	6.2	6.4	5.2	7.2	-3.3	-1.4	-.2	2.1	4.8	6.2
Compensation per hour	5.6	6.6	4.4	3.8	4.3	6.1	7.1	6.3	5.9	5.1	4.8	4.6
Real compensation per hour	4.0	6.3	.0	-.3	-.1	1.0	2.5	2.6	2.5	2.5	1.4	.2
Unit labor costs	4.4	3.0	-2.6	1.5	1.6	3.4	6.3	4.6	2.3	1.5	.8	1.0
Unit nonlabor payments	2.1	10.6	15.1	7.3	8.3	.7	-1.6	3.1	5.9	8.7	10.3	7.7
Implicit price deflator	3.7	5.3	2.7	3.3	3.7	2.5	3.7	4.1	3.4	3.7	3.7	3.0
Manufacturing												
Output per hour of all persons .....	.7	7.4	9.1	12.2	4.0	2.5	3.4	4.6	6.6	7.2	8.1	6.9
Output	-9.0	12.7	21.2	23.2	10.4	12.7	-5.9	-1	5.6	11.2	16.7	16.7
Hours	-9.6	4.9	11.1	9.8	6.1	9.9	-9.0	-4.5	-.9	3.7	8.0	9.2
Compensation per hour	4.0	10.0	2.1	2.7	4.0	6.3	7.1	6.4	5.6	4.7	4.7	3.8
Real compensation per hour	2.4	9.7	-2.2	-1.4	-.4	1.3	2.6	2.7	2.2	2.0	1.3	-.7
Unit labor costs	3.3	2.5	-6.4	-8.4	.0	3.7	3.6	1.8	-.9	-2.4	-3.2	-2.9
Durable goods												
Output per hour of all persons .....	.8	8.0	10.3	11.5	5.8	5.0	3.2	5.2	7.3	7.6	8.9	8.1
Output	-14.2	15.5	24.0	26.6	14.3	18.8	-9.0	-1.9	4.6	11.7	20.0	20.8
Hours	-14.9	6.9	12.4	13.5	8.1	13.1	-11.9	-6.7	-2.5	3.8	10.2	11.8
Compensation per hour	3.3	10.6	1.6	2.8	3.0	6.8	6.8	6.6	5.6	4.5	4.5	3.5
Real compensation per hour	1.7	10.2	-2.6	-1.3	-1.3	1.7	2.2	2.9	2.2	1.9	1.1	-.9
Unit labor costs	2.4	2.4	-7.9	-7.8	-2.6	1.6	3.4	1.4	-1.5	-2.9	-4.1	-4.3
Nondurable goods												
Output per hour of all persons .....	.3	6.5	7.3	13.2	1.6	-1.2	3.6	3.5	5.6	6.7	7.1	5.1
Output	-1.2	8.8	17.3	18.6	4.9	4.1	-1.3	2.4	7.0	10.6	12.2	11.0
Hours	-1.6	2.2	9.3	4.7	3.3	5.3	-4.7	-1.1	1.3	3.6	4.8	5.6
Compensation per hour	6.9	8.6	2.5	1.8	5.3	4.9	8.7	6.6	6.0	4.9	4.5	3.6
Real compensation per hour	5.3	8.2	-1.7	-2.2	.8	-.1	4.0	2.9	2.5	2.3	1.2	-.8
Unit labor costs	6.6	1.9	-4.5	-10.1	3.7	6.1	4.9	3.0	.4	-1.7	-2.4	-1.4
Nonfinancial corporations¹												
Output per all-employee hour .....	.4	3.2	6.6	4.2	3.4	(²)	1.1	1.7	3.5	3.6	4.3	(²)
Output	-6.0	4.6	14.6	11.1	9.3	(²)	-3.7	-1.0	2.9	5.8	9.8	(²)
Hours	-6.4	1.4	7.6	6.6	5.7	(²)	-4.8	-2.6	-.5	2.2	5.3	(²)
Compensation per hour	5.2	5.7	2.9	3.0	4.6	(²)	6.9	5.7	5.0	4.2	4.1	(²)
Real compensation per hour	3.6	5.4	-1.4	-1.1	.2	(²)	2.4	2.0	1.7	1.6	.7	(²)
Total unit costs	6.7	1.0	-3.5	-2.1	-.2	(²)	5.8	3.8	1.4	.4	-1.2	(²)
Unit labor costs	4.8	2.5	-3.4	-1.1	1.2	(²)	5.7	3.9	1.5	.6	-.2	(²)
Unit nonlabor costs	11.9	-2.8	-3.8	-4.7	-4.0	(²)	6.0	3.7	1.2	-.1	-3.8	(²)
Unit profits	-31.4	79.9	104.7	71.0	42.4	(²)	-20.3	5.8	27.3	44.2	73.1	(²)
Implicit price deflator	3.6	5.1	2.5	3.1	3.5	(²)	3.6	4.0	3.3	3.6	3.6	(²)

¹ Fourth quarter measures for the nonfinancial corporate sector are preliminary.

² Not available.

^p = preliminary.

^r = revised.

NOTE: Average weekly hours of nonproduction workers in manufacturing were revised beginning with the first quarter of 1982. As a result, there may be small revisions in hours and related measures.

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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
Alabama	1,751.8	1,759.6	1,764.4	274.7	227.9	215.6	15.7	13.0	12.2
Birmingham	395.3	389.2	391.3	60.0	44.7	43.6	15.2	11.5	11.1
Huntsville	155.8	162.6	164.0	18.6	17.0	16.7	12.0	10.4	10.2
Mobile	195.0	198.4	198.4	32.2	29.5	27.5	18.5	14.9	13.9
Montgomery	127.5	129.0	129.2	16.4	13.5	12.2	12.9	10.4	9.5
Tuscaloosa	58.3	57.5	58.0	8.0	6.4	6.4	14.2	11.2	11.0
Alaska	217.0	225.9	230.9	27.1	29.5	28.2	12.5	13.1	12.2
Arizona	1,373.6	1,408.6	1,410.2	141.2	80.1	76.2	10.3	5.7	5.4
Phoenix	843.3	885.6	890.4	68.2	38.5	37.0	8.1	4.3	4.2
Tucson	256.3	260.4	260.2	27.2	13.8	13.0	10.6	5.3	5.0
Arkansas	1,017.4	1,031.3	1,050.4	121.8	104.5	94.9	12.0	10.1	9.0
Fayetteville-Springdale	82.8	85.2	86.8	6.7	5.4	5.2	8.0	6.4	6.0
Fort Smith	89.5	92.6	93.2	11.3	8.5	7.7	12.6	9.1	8.3
Little Rock-North Little Rock	195.9	202.0	203.8	17.5	15.6	14.1	8.9	7.7	6.9
Pine Bluff	37.9	38.0	39.0	4.6	3.8	3.5	12.0	9.9	9.1
California ¹	12,172.9	12,307.7	12,366.4	1,330.6	1,081.5	1,064.6	10.9	8.8	8.6
Anaheim-Santa Ana-Garden Grove	1,220.2	1,243.9	1,248.5	90.5	81.8	58.8	7.4	5.0	4.7
Bakersfield	213.1	216.8	219.7	34.8	30.8	34.0	18.3	14.2	15.5
Fresno	281.1	282.2	285.0	51.6	44.8	47.0	18.4	15.9	16.5
Los Angeles-Long Beach	3,692.0	3,751.0	3,774.0	374.0	283.0	297.0	10.1	7.5	7.9
Modesto	138.9	139.2	138.8	32.0	29.9	28.7	23.0	21.5	20.7
Oxnard-Simi Valley-Ventura	268.4	266.8	268.2	27.9	21.5	21.1	10.4	8.0	7.9
Riverside-San Bernardino-Ontario	851.3	847.3	851.4	76.7	63.3	60.0	11.8	9.8	9.2
Sacramento	522.1	536.2	537.2	61.6	55.4	53.2	11.8	10.3	9.9
Salinas-Seaside-Monterey	145.3	145.3	149.4	22.3	21.3	20.0	15.4	14.7	13.4
San Diego	854.3	862.3	868.4	83.8	59.7	57.8	9.8	6.9	6.7
San Francisco-Oakland	1,758.2	1,756.4	1,762.5	151.9	128.4	119.7	8.6	7.3	6.8
San Jose	845.1	860.0	861.3	71.1	53.0	48.8	8.4	6.2	5.7
Santa Barbara-Santa Maria-Lompoc	162.7	163.1	164.8	14.6	11.3	11.4	9.0	7.0	8.9
Santa Rosa	148.4	150.5	150.0	16.8	13.5	12.1	11.2	8.9	8.1
Stockton	173.3	173.7	174.5	33.2	32.0	29.4	19.2	18.5	16.8
Vallejo-Fairfield-Napa	142.6	142.6	139.1	17.8	15.8	11.8	12.5	11.1	8.5
Colorado	1,640.8	1,665.2	1,680.5	127.5	93.8	86.8	7.8	5.6	5.2
Denver-Boulder	980.1	1,001.3	1,009.4	62.9	45.9	43.1	6.4	4.6	4.3
Connecticut	1,587.2	1,594.1	1,610.3	114.7	82.1	75.8	7.2	5.2	4.7
Bridgeport	189.8	186.5	188.2	15.8	10.4	9.7	8.3	5.8	5.2
Hartford	386.2	385.9	389.2	25.3	18.7	17.8	6.5	4.9	4.5
New Britain	69.8	69.1	69.8	5.7	4.2	4.1	8.1	6.0	5.9
New Haven-West Haven	198.3	201.3	203.8	14.6	10.8	10.1	7.3	5.4	5.0
Stamford	123.1	123.6	124.5	5.6	4.4	3.5	4.6	3.5	2.8
Waterbury	104.1	103.0	103.9	9.5	6.1	5.5	9.1	5.9	5.3
Delaware	292.5	297.2	301.0	27.5	23.1	20.4	9.4	7.8	6.8
Wilmington	260.5	265.0	267.9	24.1	20.0	18.6	9.3	7.5	6.9
District of Columbia	322.0	318.5	317.3	41.0	38.2	37.5	12.7	12.0	11.8
Washington SMSA	1,750.8	1,784.1	1,795.4	100.4	85.7	80.4	5.7	4.8	4.5
Florida ¹	4,610.7	4,991.1	4,979.5	408.5	306.2	266.9	8.9	6.1	5.4
Daytona Beach	113.7	123.7	124.5	8.5	6.4	5.8	7.5	5.2	4.7
Fort Lauderdale-Hollywood	485.8	525.0	522.4	36.4	25.9	22.1	7.5	4.9	4.2
Fort Myers-Cape Coral	104.1	111.0	111.0	9.7	5.9	5.0	9.4	5.3	4.5
Gainesville	78.6	84.2	84.0	4.0	3.0	2.4	5.1	3.5	2.9
Jacksonville	339.2	367.4	366.6	27.7	22.6	19.3	8.2	6.1	5.3
Lakeland-Winter Haven	142.0	150.3	149.9	21.1	14.1	13.3	14.8	9.4	8.9
Melbourne-Titusville Cocoa	125.4	141.0	141.1	10.5	8.0	6.8	8.3	5.6	4.8
Miami	801.5	857.3	850.8	78.6	62.4	51.0	9.8	7.3	6.0
Orlando	395.2	439.2	442.1	29.7	22.8	22.5	7.5	5.2	5.1
Pensacola	123.2	135.0	135.2	9.9	7.5	6.9	8.0	5.5	5.1
Sarasota	85.2	92.4	92.2	6.5	3.8	3.4	7.6	4.1	3.7
Tallahassee	84.1	91.7	90.8	4.5	3.6	3.2	5.3	4.0	3.5
Tampa-St. Petersburg	733.2	786.0	790.4	60.9	42.9	36.2	8.3	5.5	4.6
West Palm Beach-Boca Raton	286.4	315.0	314.0	22.7	17.5	15.9	7.9	5.5	5.1

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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
Georgia	2,653.0	2,683.2	2,712.0	222.0	178.3	168.9	8.4	6.6	6.2
Albany	52.6	52.1	52.3	5.4	4.7	4.6	10.2	9.0	8.8
Athens	66.6	66.3	66.5	4.9	3.7	3.5	7.3	5.6	5.2
Atlanta	1,108.6	1,135.3	1,142.1	78.2	82.7	57.9	7.1	5.5	5.1
Augusta	138.4	134.7	138.3	14.0	10.5	10.2	10.1	7.8	7.5
Columbus	68.1	69.7	69.2	8.7	7.6	6.6	9.8	8.5	7.4
Macon	108.9	108.9	109.3	8.8	8.0	8.1	8.1	7.4	7.4
Savannah	98.0	98.5	98.9	9.2	7.4	7.3	9.4	7.5	7.3
Hawaii	474.8	473.8	474.1	30.7	28.5	25.8	6.5	5.6	5.4
Honolulu	382.2	382.3	383.3	20.9	17.5	17.2	5.8	4.8	4.7
Idaho	445.7	446.3	450.0	53.8	38.5	36.8	12.0	8.6	8.1
Boise City	98.2	96.5	96.0	9.1	6.1	5.4	9.4	6.3	5.6
Illinois ¹	5,642.9	5,548.9	5,568.6	706.0	558.9	592.4	12.5	10.1	10.8
Bloomington-Normal	65.4	65.5	66.1	5.8	4.6	5.1	8.6	7.0	7.8
Champaign-Urbana-Rantoul	87.0	88.2	87.3	5.8	5.5	5.7	6.7	8.2	8.6
Chicago	3,491.8	3,432.6	3,441.2	398.5	310.8	330.9	11.4	9.0	9.8
Davenport-Rock Island-Moline	192.5	188.6	186.6	30.8	23.7	23.2	16.0	12.7	12.4
Decatur	64.1	61.9	61.9	10.6	7.3	7.5	16.5	11.6	12.2
Kankakee	42.8	41.1	42.0	7.8	5.8	6.1	18.3	14.2	14.4
Peoria	178.7	167.2	166.3	31.0	21.3	21.9	17.5	12.8	13.1
Rockford	139.8	137.8	137.7	22.7	14.6	15.3	16.2	10.7	11.1
Springfield	105.0	103.7	103.4	10.3	7.8	8.4	9.8	7.8	8.1
Indiana	2,595.0	2,565.1	2,569.3	344.2	285.1	288.7	13.3	11.1	10.5
Anderson	55.9	(¹)	(¹)	8.4	(¹)	(¹)	15.0	(¹)	(¹)
Elkhart	73.1	(¹)	(¹)	5.9	(¹)	(¹)	8.1	(¹)	(¹)
Evansville	149.9	(¹)	(¹)	18.5	(¹)	(¹)	12.3	(¹)	(¹)
Fort Wayne	183.9	(¹)	(¹)	23.0	(¹)	(¹)	12.5	(¹)	(¹)
Gary-Hammond-East Chicago	280.1	(¹)	(¹)	50.0	(¹)	(¹)	17.8	(¹)	(¹)
Indianapolis	801.3	(¹)	(¹)	65.8	(¹)	(¹)	10.9	(¹)	(¹)
Lafayette-West Lafayette	83.5	(¹)	(¹)	5.7	(¹)	(¹)	8.9	(¹)	(¹)
Muncie	55.0	(¹)	(¹)	7.9	(¹)	(¹)	14.4	(¹)	(¹)
South Bend	139.3	(¹)	(¹)	14.1	(¹)	(¹)	10.1	(¹)	(¹)
Terre Haute	81.0	(¹)	(¹)	11.9	(¹)	(¹)	14.7	(¹)	(¹)
Iowa	1,413.0	1,401.7	1,415.0	142.5	121.2	117.4	10.1	8.6	8.3
Cedar Rapids	85.8	83.5	84.0	8.7	7.1	7.1	10.2	8.5	8.5
Des Moines	188.9	187.9	187.9	15.8	12.7	12.2	8.4	6.7	6.5
Dubuque	43.0	42.4	42.7	8.8	4.5	4.1	15.8	10.8	9.6
Sioux City	54.0	54.4	54.8	4.7	4.7	4.4	8.8	8.6	8.0
Waterloo-Cedar Falls	67.2	64.5	65.0	9.7	8.0	8.4	14.4	12.3	12.9
Kansas	1,177.7	1,159.5	1,169.1	84.3	64.9	87.5	7.2	5.8	5.8
Lawrence	34.6	33.9	33.8	1.7	1.6	1.7	5.0	4.8	4.9
Topeka	94.5	93.8	94.2	6.8	6.1	6.4	7.2	6.5	6.8
Wichita	219.6	220.8	221.8	20.2	12.8	13.5	9.2	5.8	6.1
Kentucky	1,692.0	1,716.9	1,721.3	231.2	186.5	172.9	13.7	10.9	10.0
Lexington-Fayette	182.4	(¹)	(¹)	11.5	(¹)	(¹)	8.3	(¹)	(¹)
Louisville	432.9	(¹)	(¹)	53.8	(¹)	(¹)	12.4	(¹)	(¹)
Owensboro	44.0	(¹)	(¹)	5.2	(¹)	(¹)	11.8	(¹)	(¹)
Louisiana	1,897.2	1,896.0	1,896.0	240.4	192.1	173.2	12.7	10.1	9.1
Alexandria	75.8	76.9	77.0	9.7	8.0	7.1	12.7	10.4	9.3
Baton Rouge	236.5	242.2	240.9	23.7	19.7	17.2	10.0	8.1	7.1
Lafayette	96.7	96.0	96.5	7.9	6.4	5.6	8.1	6.7	6.0
Lake Charles	77.4	76.2	75.7	11.3	10.9	10.3	14.7	14.4	13.6
Monroe	80.5	58.6	57.5	7.4	5.8	5.1	12.3	9.9	6.9
New Orleans	528.3	530.3	529.7	58.9	48.2	42.0	11.2	8.7	7.9
Shreveport	188.5	188.3	188.8	20.8	14.9	13.4	12.2	6.9	7.9
Maine	516.0	514.7	529.1	55.5	45.5	44.3	10.8	8.6	8.4
Lewiston-Auburn	38.2	38.2	39.5	4.1	3.3	3.1	10.6	8.6	7.9
Portland	95.8	99.3	102.2	7.4	5.8	5.4	7.8	5.8	5.2
Maryland	2,195.9	2,193.5	2,199.5	179.2	138.0	123.8	8.2	6.2	5.8
Baltimore	1,082.3	1,071.0	1,072.6	100.3	73.8	87.6	9.3	8.9	8.3

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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
Massachusetts ¹	2,939.8	2,985.7	3,001.8	235.8	189.0	175.5	8.0	6.3	5.8
Boston	1,430.0	1,459.1	1,468.8	93.8	75.5	71.2	8.6	5.2	4.8
Brockton	81.1	81.3	82.4	7.4	5.9	5.3	9.2	7.3	8.5
Fall River	77.9	78.1	77.8	9.4	7.5	7.2	12.1	9.6	9.3
Fitchburg-Lowminster	49.4	50.5	51.0	4.9	3.4	3.1	9.9	6.8	6.1
Lawrence-Haverhill	146.0	146.2	148.3	12.8	10.1	9.3	8.8	6.9	6.4
Lowell	133.5	141.8	142.3	8.3	6.5	6.2	6.2	4.6	4.3
New Bedford	83.2	86.1	86.7	10.4	8.0	7.8	12.5	9.2	9.0
Pittsfield	84.8	66.9	66.8	6.1	5.3	5.2	9.4	8.0	7.7
Springfield-Chicopee-Holyoke	285.9	288.4	288.3	23.3	20.6	19.0	8.1	7.1	6.6
Worcester	195.7	190.1	191.2	17.6	11.8	10.3	9.0	8.2	5.4
Michigan ¹	4,238.4	4,244.7	4,295.9	721.6	535.2	538.5	17.0	12.6	12.5
Ann Arbor	143.6	(⁹)	(⁹)	15.8	(⁹)	(⁹)	11.0	(⁹)	(⁹)
Battle Creek	78.8	(⁹)	(⁹)	13.6	(⁹)	(⁹)	17.3	(⁹)	(⁹)
Bay City	51.7	(⁹)	(⁹)	10.3	(⁹)	(⁹)	19.9	(⁹)	(⁹)
Benton Harbor	70.9	(⁹)	(⁹)	13.0	(⁹)	(⁹)	18.4	(⁹)	(⁹)
Detroit	1,953.5	(⁹)	(⁹)	334.9	(⁹)	(⁹)	17.1	(⁹)	(⁹)
Flint	216.2	(⁹)	(⁹)	42.8	(⁹)	(⁹)	19.8	(⁹)	(⁹)
Grand Rapids	329.3	(⁹)	(⁹)	45.2	(⁹)	(⁹)	13.7	(⁹)	(⁹)
Jackson	65.1	(⁹)	(⁹)	12.1	(⁹)	(⁹)	18.6	(⁹)	(⁹)
Kalamazoo-Portage	138.8	(⁹)	(⁹)	17.4	(⁹)	(⁹)	12.7	(⁹)	(⁹)
Lansing-East Lansing	241.7	(⁹)	(⁹)	29.7	(⁹)	(⁹)	12.3	(⁹)	(⁹)
Muskegon-Norton Shores-Muskegon Heights	78.2	(⁹)	(⁹)	16.3	(⁹)	(⁹)	21.4	(⁹)	(⁹)
Saginaw	98.7	(⁹)	(⁹)	17.0	(⁹)	(⁹)	17.6	(⁹)	(⁹)
Minnesota	2,132.7	2,148.9	2,161.8	222.0	158.2	153.3	10.4	7.4	7.1
Duluth-Superior	113.6	103.0	102.7	26.2	14.1	13.1	23.1	13.7	12.8
Minneapolis-St.Paul	1,161.8	1,167.1	1,195.2	93.8	82.3	80.6	8.1	5.3	5.1
Rochester	57.5	58.9	58.8	3.9	2.9	2.8	6.9	4.9	4.8
St. Cloud	78.5	78.5	78.8	9.7	7.3	6.9	12.7	9.2	8.8
Mississippi	1,089.0	1,022.3	1,027.9	153.1	111.9	106.3	14.3	10.9	10.3
Jackson	158.0	155.0	155.3	14.7	10.6	10.3	9.3	6.8	6.6
Missouri	2,341.8	2,338.4	2,364.2	271.4	224.8	207.2	11.6	9.6	8.8
Kansas City	686.3	677.8	685.3	68.0	48.3	44.3	9.9	6.8	6.5
St. Joseph	48.7	45.7	46.0	6.2	4.7	4.6	13.2	10.3	10.0
St. Louis	1,142.0	1,152.8	1,181.1	131.4	117.2	113.1	11.5	10.2	9.7
Springfield	111.7	113.6	114.4	10.4	6.3	7.4	9.3	7.3	6.5
Montana	389.7	390.3	397.7	41.3	38.7	38.6	10.6	9.9	9.7
Nebraska	775.3	782.5	772.9	53.3	42.9	39.3	6.9	5.6	5.1
Lincoln	106.0	108.1	108.5	5.1	4.2	3.8	4.8	3.9	3.5
Omaha	285.8	288.3	288.6	20.1	16.2	14.9	7.0	5.6	5.1
Nevada	480.8	487.3	490.0	58.7	41.3	39.2	11.6	8.5	8.0
Las Vegas	270.2	274.9	276.2	31.5	24.6	23.4	11.7	8.9	8.5
Reno	130.6	132.3	132.7	14.2	9.0	8.4	10.9	6.8	6.3
New Hampshire	485.0	501.8	505.0	34.3	25.7	24.4	7.1	5.1	4.8
Manchester	85.6	88.2	89.3	5.9	4.2	4.3	8.8	4.8	4.8
Nashua	84.2	88.3	89.4	4.8	3.2	3.0	5.7	3.7	3.4
New Jersey ¹	3,574.4	3,761.1	3,800.2	324.7	253.3	282.2	9.1	6.7	7.4
Atlantic City	116.3	124.7	125.6	12.4	10.3	11.3	10.7	8.2	9.0
Jersey City	235.2	243.2	245.8	33.8	27.4	30.0	14.3	11.3	12.2
Long Branch-Asbury Park	242.0	258.0	261.4	21.2	16.0	17.4	8.7	8.2	6.7
New Brunswick-Perth Amboy-Sayreville	333.9	351.9	354.5	25.7	20.1	22.2	7.7	5.7	6.3
Newark	960.6	1,017.9	1,028.4	82.0	62.1	71.5	8.5	6.1	6.9
Paterson-Clifton-Passaic	214.4	223.9	227.4	24.8	19.4	22.5	11.6	8.7	9.9
Trenton	158.7	187.9	189.3	11.8	8.9	9.6	7.4	5.3	5.6
Vineland-Millville-Bridgeton	58.9	59.8	60.1	9.1	8.5	9.7	18.0	14.3	18.1
New Mexico	600.2	606.9	610.4	68.0	53.4	49.8	11.3	8.8	8.1
Albuquerque	226.8	234.2	235.4	21.2	16.9	15.7	9.4	7.2	6.7
Las Cruces	40.4	42.2	42.5	4.1	3.4	3.2	10.1	8.1	7.6

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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
New York¹	8,024.2	7,994.7	8,076.1	790.1	649.2	617.9	9.8	8.1	7.7
Albany-Schenectady-Troy	377.7	376.2	384.3	31.2	25.1	24.6	8.3	6.7	6.4
Binghamton	139.6	138.5	139.7	13.1	9.2	9.0	9.4	6.6	6.5
Buffalo	540.5	528.5	530.3	73.5	60.9	56.5	13.6	11.5	10.7
Elmira	37.0	37.1	36.9	5.0	4.1	3.6	13.4	10.9	9.9
Glens-Falls	45.5	45.7	45.7	5.2	4.4	4.3	11.3	9.7	9.3
Nassau-Suffolk	1,357.3	1,365.2	1,390.8	93.7	78.5	76.3	6.9	5.7	5.5
New York	3,662.2	3,664.1	3,680.7	371.0	310.6	287.5	10.1	8.5	7.8
New York City	3,041.0	3,044.0	3,050.0	334.0	279.0	256.0	11.0	9.2	8.4
Newburgh-Middletown	109.5	108.1	109.3	10.8	8.2	8.0	9.9	7.5	7.3
Poughkeepsie	115.2	115.2	117.0	7.9	6.5	6.4	6.8	5.7	5.5
Rochester	478.5	470.8	477.1	48.6	36.0	35.0	10.2	7.6	7.3
Syracuse	303.3	303.7	305.1	28.8	22.0	21.4	9.5	7.2	7.0
Utica-Rome	132.8	131.4	134.9	14.3	11.4	12.0	10.8	8.6	8.9
North Carolina	2,933.0	2,930.4	2,955.8	319.7	222.1	214.7	10.9	7.6	7.3
Asheville	87.0	84.7	85.3	9.0	6.5	5.9	10.3	7.6	7.0
Charlotte-Gastonia	375.0	378.0	380.1	30.4	21.3	19.6	8.1	5.6	5.2
Greensboro-Winston-Salem-High Point	446.2	444.2	447.0	44.4	28.2	27.2	10.0	6.3	6.1
Raleigh-Durham	321.2	327.5	330.4	17.3	12.4	11.9	5.4	3.8	3.6
North Dakota	305.4	303.7	316.7	23.4	22.6	21.0	7.7	7.4	6.6
Fargo-Moorehead	72.2	73.9	75.2	4.8	3.9	3.7	6.6	5.3	5.0
Ohio¹	5,014.8	4,925.3	4,940.4	686.4	499.2	525.4	13.7	10.1	10.6
Akron	297.5	298.6	298.1	40.3	34.8	35.5	13.5	11.6	11.9
Canton	186.0	180.7	181.3	31.0	21.9	23.0	16.7	12.1	12.7
Cincinnati	676.9	(²)	(²)	80.2	(²)	(²)	11.9	(²)	(²)
Cleveland	915.6	887.4	890.6	115.1	80.8	87.9	12.6	9.1	9.9
Columbus	561.7	570.0	571.3	53.6	43.2	46.2	9.5	7.6	8.1
Dayton	385.1	383.7	383.7	44.1	33.4	34.9	11.5	8.7	9.1
Toledo	387.5	(²)	(²)	54.9	(²)	(²)	14.9	(²)	(²)
Youngstown-Warren	224.7	214.6	215.4	41.6	26.4	28.5	18.5	12.3	13.2
Oklahoma	1,542.0	1,535.6	1,540.8	155.4	125.4	117.3	10.1	8.2	7.6
Enid	31.7	31.6	32.2	2.9	2.0	2.1	9.1	6.2	6.5
Lawton	39.7	38.7	39.5	2.8	2.3	2.4	7.1	5.9	6.0
Oklahoma City	474.9	480.8	483.8	36.4	29.3	27.1	7.7	6.1	5.6
Tulsa	373.6	369.9	369.8	40.5	32.9	31.5	10.8	8.9	8.5
Oregon	1,322.6	1,293.2	1,303.3	170.7	141.0	140.0	12.9	10.9	10.7
Eugene-Springfield	131.1	128.6	129.4	17.5	13.9	13.6	13.4	10.8	10.5
Medford	63.6	63.3	63.6	9.0	7.5	7.2	14.2	11.9	11.3
Portland	664.5	646.2	649.8	76.5	59.5	58.3	11.5	9.2	9.0
Salem	122.0	119.8	121.0	15.0	12.7	13.0	12.3	10.6	10.7
Pennsylvania¹	5,320.0	5,343.7	5,278.4	738.2	585.9	505.9	13.9	11.0	9.6
Allentown-Bethlehem-Easton	301.0	300.2	296.1	44.2	28.8	26.1	14.7	9.6	8.8
Altoona	54.3	54.9	53.2	9.7	8.9	6.5	17.9	16.1	12.2
Erie	122.0	120.3	119.2	21.3	15.0	13.0	17.5	12.5	10.9
Harrisburg	229.1	235.0	233.3	19.3	15.9	13.6	8.4	6.8	5.8
Johnstown	103.6	100.1	97.4	25.8	17.7	15.0	24.9	17.7	15.5
Lancaster	177.6	183.7	182.3	15.1	11.5	9.1	8.5	6.3	5.0
Northeast Pennsylvania	280.1	284.7	280.7	37.9	35.2	30.7	13.5	12.4	10.9
Philadelphia	2,145.9	2,201.2	2,192.3	207.0	169.8	154.5	9.6	7.7	7.0
Pittsburgh	1,000.2	982.6	970.2	162.3	130.4	114.8	16.2	13.3	11.8
Reading	155.1	158.0	156.7	20.4	13.4	11.7	13.1	8.5	7.5
Sharon	52.9	49.9	49.2	11.1	7.8	6.9	21.0	15.7	14.1
State College	49.7	52.2	51.1	6.2	5.2	4.3	12.5	9.9	8.5
Williamsport	51.0	52.4	50.9	9.1	7.3	6.3	17.8	13.9	12.3
York	172.7	175.7	173.4	22.1	18.2	15.0	12.8	10.4	8.7
Rhode Island	473.3	475.9	476.9	46.4	36.9	34.0	9.8	7.7	7.1
Providence-Warwick-Pawtucket	466.9	468.4	468.9	47.7	37.2	34.1	10.2	7.9	7.3
South Carolina	1,473.5	1,462.3	1,484.3	177.3	115.2	112.3	12.0	7.9	7.6
Charleston-North Charleston	177.2	177.1	180.8	17.1	11.5	11.2	9.6	6.5	6.2
Columbia	197.8	203.7	206.7	15.4	10.1	10.2	7.8	4.9	4.9
Greenville-Spartanburg	291.2	285.9	290.1	32.5	19.1	19.0	11.1	6.7	6.5
South Dakota	320.7	318.7	326.5	21.9	17.6	16.9	6.8	5.5	5.2
Sioux Falls	63.2	65.8	67.0	3.3	2.9	3.1	5.2	4.3	4.6

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		
	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P	Mar. 1983	Feb. 1984	Mar. 1984 ^P
Tennessee	2,183.4	2,195.8	2,188.5	288.9	218.5	201.2	13.3	10.0	9.2
Chattanooga	195.4	197.8	195.0	21.4	17.6	16.0	11.0	8.9	8.2
Johnson City-Kingsport-Bristol	198.8	207.1	206.0	24.3	20.4	18.0	12.2	9.9	8.8
Knoxville	230.5	232.1	230.1	27.1	20.5	18.8	11.7	8.8	8.2
Memphis	426.3	410.5	409.7	45.4	35.8	33.7	10.7	8.7	8.2
Nashville-Davidson	445.1	463.5	464.9	41.7	29.9	27.7	9.4	8.5	6.0
Texas ¹	7,536.7	7,625.3	7,790.2	655.6	450.1	509.3	8.7	5.9	8.5
Abilene	76.5	78.7	77.8	4.3	3.0	3.5	5.6	3.9	4.5
Amarillo	98.4	98.9	100.6	5.7	4.7	4.9	5.9	4.8	4.9
Austin	321.5	338.1	343.1	15.2	9.4	11.8	4.7	2.8	3.4
Beaumont-Port Arthur	182.2	175.7	179.8	26.9	19.4	21.6	14.8	11.0	12.0
Brownsville-Harlingen-San Benito	91.0	90.7	93.0	14.8	12.4	13.6	16.0	13.8	14.6
Bryan-College Station	54.4	56.1	56.6	2.7	2.0	2.2	4.9	3.5	3.6
Corpus Christi	169.0	162.3	166.9	17.8	13.8	15.4	10.6	8.3	9.2
Dallas-Fort Worth	1,753.8	1,825.7	1,864.8	101.2	84.7	73.1	5.8	3.5	3.9
El Paso	196.8	194.9	197.8	27.1	18.6	19.7	13.8	9.8	10.0
Galveston-Texas City	91.7	89.8	91.9	12.4	8.0	9.4	13.5	8.9	10.2
Houston	1,755.1	1,735.5	1,772.4	174.7	113.8	129.2	10.0	8.5	7.3
Killeen-Temple	71.0	74.1	75.6	5.0	3.5	4.0	7.0	4.7	5.3
Laredo	43.1	39.0	40.6	12.5	7.4	8.6	28.9	19.0	21.2
Longview-Marshall	79.9	78.3	79.6	9.7	6.4	7.2	12.1	8.1	9.1
Lubbock	112.7	112.6	114.5	6.9	6.3	7.1	8.1	5.6	6.2
Mcallen-Pharr-Edinburg	118.8	117.8	122.5	23.5	27.3	30.5	19.6	23.2	24.9
Midland	63.3	69.7	70.4	3.7	2.6	3.0	5.9	3.8	4.3
Odessa	72.0	73.8	74.6	8.9	3.9	4.4	9.8	5.3	5.9
San Angelo	50.2	49.7	50.7	3.2	1.9	2.3	6.4	3.8	4.8
San Antonio	489.9	509.8	520.5	33.3	23.0	28.5	8.8	4.5	5.1
Sherman-Denison	40.2	40.2	40.4	4.2	2.4	2.4	10.3	6.1	5.8
Texarkana	51.2	52.2	53.0	5.3	4.5	4.5	10.4	8.8	8.5
Tyler	76.2	77.9	78.9	5.1	3.5	3.7	6.7	4.5	4.7
Waco	87.2	90.7	92.3	5.6	3.7	4.2	6.4	4.1	4.6
Wichita Falls	66.0	67.8	68.8	5.2	3.0	3.3	7.9	4.4	4.9
Utah	684.6	698.8	700.2	75.0	56.0	52.6	11.0	8.0	7.5
Salt Lake City-Ogden	446.8	461.3	461.0	45.1	33.3	31.3	10.1	7.2	8.8
Vermont	267.5	264.3	265.2	22.0	20.1	20.2	8.2	7.6	7.6
Burlington	71.1	70.9	71.1	3.9	3.9	3.9	5.4	5.5	5.5
Virginia	2,676.2	2,702.3	2,732.6	195.4	144.9	130.1	7.3	5.4	4.8
Danville	54.1	54.8	54.5	5.3	5.3	3.9	9.8	9.8	7.2
Lynchburg	75.8	76.2	78.7	6.4	4.1	3.5	8.5	5.4	4.5
Newport News-Hampton	169.2	175.8	178.5	9.8	8.1	7.0	5.8	4.6	3.9
Norfolk-Virginia Beach-Portsmouth	344.8	354.9	359.4	22.1	16.8	15.4	6.4	4.7	4.3
Petersburg-Colonial Heights-Hopewell	58.9	54.3	55.1	6.2	4.9	4.5	10.8	9.1	8.2
Richmond	345.6	346.7	352.8	20.4	13.4	13.0	5.9	3.6	3.7
Roanoke	110.8	112.7	114.0	8.2	6.3	5.7	7.4	5.6	5.0
Washington	2,039.4	2,061.0	2,060.2	264.8	240.8	220.5	13.0	11.7	10.7
Seattle-Everett	889.1	911.2	910.1	97.4	85.7	78.9	11.0	9.4	8.7
West Virginia	776.3	750.6	749.7	160.7	123.7	120.2	20.7	16.5	18.0
Charleston	121.1	120.7	120.7	17.9	16.1	15.6	14.8	13.3	13.1
Huntington-Ashland	121.2	(²)	(²)	23.6	(²)	(²)	19.5	(²)	(²)
Parkersburg-Marietta	73.4	72.8	72.3	11.7	9.9	9.9	15.9	13.6	13.7
Wheeling	80.7	78.2	77.4	14.5	12.1	11.8	18.0	15.4	15.2
Wisconsin	2,442.0	2,425.0	2,420.6	324.6	229.0	211.2	13.3	9.4	8.7
Appleton-Oshkosh	155.7	155.5	155.8	18.9	14.4	13.3	12.2	9.2	8.5
Eau Claire	81.8	82.3	82.0	7.6	8.8	6.2	12.3	10.8	9.9
Green Bay	93.9	94.9	94.6	10.8	8.5	7.7	11.5	8.9	8.2
Janesville-Beloit	72.5	71.0	71.3	11.0	8.5	6.3	15.1	9.2	8.8
Kenosha	81.0	60.5	60.0	9.0	5.2	4.8	14.7	8.6	8.0
La Crosse	50.9	51.8	51.7	5.5	4.5	4.2	10.7	8.8	8.1
Madison	191.9	184.3	195.2	15.8	12.5	12.0	8.2	8.4	8.2
Milwaukee	722.4	705.6	703.2	91.7	56.6	51.6	12.7	8.0	7.3
Racine	87.8	83.9	84.1	14.5	7.9	7.5	18.5	9.4	8.9
Sheboygan	53.5	53.8	53.8	6.3	4.0	3.6	11.7	7.4	6.7
Wausau	55.8	56.5	56.7	7.9	8.3	6.0	14.1	11.2	10.8
Wyoming	254.5	253.0	256.5	25.7	16.5	17.5	10.1	6.5	6.8

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

² Not available.

^P = preliminary.

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

benchmarked to 1983 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 1, estimates for 1984 are provisional and will be revised when new benchmark information becomes available. Area definitions are published annually in the May issue of this publication.

Annual Averages

States and Areas

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. Employees on nonagricultural payrolls in States and selected areas by major industry

(In thousands)

State and area	Total			Mining			Construction		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Alabama	1,347.6	1,312.5	1,318.4	15.8	16.1	13.6	63.9	56.8	59.3
Birmingham	343.5	336.2	335.0	8.1	8.4	7.4	18.6	16.9	18.9
Huntsville	122.4	125.6	132.3	(¹)	(¹)	(¹)	3.8	3.6	4.2
Mobile	153.7	146.7	144.2	(¹)	(¹)	(¹)	11.1	8.9	9.3
Montgomery	106.2	103.8	106.8	(¹)	(¹)	(¹)	5.7	5.2	5.8
Tuscaloosa	50.9	49.8	49.4	2.3	2.5	1.9	2.4	1.8	1.9
Alaska	186.1	200.4	213.0	8.9	8.9	8.3	12.9	16.8	20.3
Arizona	1,040.8	1,029.8	1,064.4	25.0	17.7	14.2	72.0	64.8	76.4
Phoenix	655.0	686.7	686.7	.4	.4	.6	49.3	44.1	53.2
Tucson	190.4	190.1	196.8	7.8	4.8	3.6	13.0	11.8	14.8
Arkansas	740.1	720.1	740.0	5.9	5.9	5.3	34.3	29.9	29.2
Fayetteville-Springdale	66.3	65.3	67.8	(¹)	(¹)	(¹)	2.6	2.3	2.4
Fort Smith	70.3	66.2	68.5	1.1	1.3	1.1	2.9	2.8	2.7
Little Rock-North Little Rock	179.3	177.3	182.1	(¹)	(¹)	(¹)	8.9	8.4	8.5
Pine Bluff	31.1	29.1	29.5	(¹)	(¹)	(¹)	1.9	1.2	1.2
California	9,996.2	9,823.8	9,928.0	49.2	50.4	47.4	407.6	349.0	359.7
Anaheim-Santa Ana-Garden Grove	864.2	848.8	860.3	3.0	3.9	3.6	41.5	32.0	32.5
Bakersfield	137.5	138.9	139.8	14.2	14.4	14.2	7.0	6.8	7.0
Fresno	181.7	175.2	175.0	1.0	1.0	1.1	9.5	8.1	8.7
Los Angeles-Long Beach	3,646.8	3,540.7	3,539.9	14.4	14.1	12.7	118.7	100.0	94.6
Modesto	87.8	84.9	84.7	.1	.1	.1	4.8	3.9	4.2
Oxnard-Simi Valley-Ventura	158.0	160.5	163.6	2.9	3.1	3.4	7.1	5.5	5.8
Riverside-San Bernardino-Ontario	437.9	431.4	437.6	2.1	1.7	1.2	23.1	19.6	21.4
Sacramento	408.7	406.0	414.6	.7	.9	.8	17.8	15.4	16.8
Salinas-Seaside-Monterey	90.1	90.6	90.1	.4	.4	.4	3.3	3.1	3.0
San Diego	666.5	663.4	676.0	.6	.6	.5	34.9	29.0	31.2
San Francisco-Oakland	1,580.0	1,557.4	1,555.5	4.1	4.5	4.6	65.3	61.2	60.7
San Jose	689.8	696.5	713.1	.1	.1	.1	24.7	21.7	23.5
Santa Barbara-Santa Maria-Lompoc	123.1	123.0	123.8	1.6	1.6	1.6	5.1	4.5	4.4
Santa Rosa	95.6	95.2	96.3	.5	.6	.7	5.5	4.6	4.4
Stockton	121.0	119.1	118.7	.1	.1	.1	5.7	5.1	5.8
Vallejo-Fairfield-Napa	101.7	101.8	101.6	.5	.5	.4	5.0	4.4	4.5
Colorado	1,295.2	1,316.6	1,322.4	43.4	42.3	37.0	77.5	82.9	81.6
Denver-Boulder	829.8	848.3	855.3	26.3	28.5	26.2	44.9	49.8	49.2
Connecticut	1,438.7	1,429.8	1,442.3	(¹)	1.7	1.5	(¹)	49.4	53.1
Bridgeport	169.6	167.7	167.0	(¹)	(¹)	(¹)	(¹)	4.8	4.8
Hartford	398.9	398.9	402.7	(¹)	(¹)	.2	(¹)	11.6	12.1
New Britain	63.3	60.1	59.1	(¹)	(¹)	(¹)	(¹)	2.1	2.4
New Haven-West Haven	190.1	186.9	189.8	(¹)	.2	.2	(¹)	6.1	6.2
Stamford	112.7	113.3	112.6	(¹)	1.0	.8	(¹)	4.2	4.5
Waterbury	87.2	84.3	85.5	(¹)	(¹)	(¹)	(¹)	2.8	2.9
Delaware	259.2	259.2	266.1	(¹)	.1	.1	13.4	15.4	16.4
Wilmington	230.8	231.3	234.2	(¹)	.2	.2	15.2	18.1	18.9
District of Columbia	611.0	597.9	595.7	(¹)	.1	.1	11.7	10.6	10.3
Washington SMSA	1,609.7	1,602.0	1,640.6	(¹)	1.1	1.0	77.5	68.3	74.9
Florida	3,736.9	3,761.9	3,893.0	11.3	9.6	9.8	283.1	256.6	264.3
Daytona Beach	81.4	83.6	86.3	(¹)	(¹)	(¹)	5.4	4.8	4.8
Fort Lauderdale-Hollywood	366.2	362.5	370.1	(¹)	(¹)	(¹)	31.8	25.9	25.9
Fort Myers-Cape Coral	73.2	74.3	78.0	(¹)	(¹)	(¹)	9.5	8.2	8.5
Gainesville	68.7	69.9	71.6	(¹)	(¹)	(¹)	3.5	3.8	4.3
Jacksonville	303.6	308.5	312.4	(¹)	(¹)	(¹)	18.3	19.1	19.6
Lakeland-Winter Haven	124.8	119.9	116.8	6.2	5.0	4.6	10.1	8.1	6.6
Melbourne-Titusville-Cocoa	106.8	109.8	117.0	(¹)	(¹)	(¹)	6.7	5.8	6.8
Miami	748.2	733.7	734.6	(¹)	(¹)	(¹)	42.3	37.6	37.2
Orlando	304.4	320.4	339.6	(¹)	(¹)	(¹)	22.7	24.1	23.1
Pensacola	101.1	103.1	105.3	(¹)	(¹)	(¹)	7.7	7.0	7.5
Sarasota	74.2	76.1	81.0	(¹)	(¹)	(¹)	7.8	7.1	7.5
Tallahassee	77.1	76.2	77.2	(¹)	(¹)	(¹)	3.7	3.4	3.6
Tampa-St. Petersburg	579.8	592.3	611.4	(¹)	(¹)	(¹)	43.6	40.5	41.8
West Palm Beach-Boca Raton	223.3	227.3	236.2	(¹)	(¹)	(¹)	21.9	19.5	19.6

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Alabama	362.0	337.8	338.3	72.1	71.1	69.7	271.7	267.4	271.0
Birmingham	60.0	53.2	48.4	29.4	29.2	28.5	81.0	79.9	80.1
Huntsville	36.6	38.0	42.3	2.7	2.8	2.7	21.8	22.4	23.3
Mobile	30.9	28.1	25.2	10.6	10.2	9.6	37.1	36.3	36.4
Montgomery	16.5	15.3	15.4	4.5	4.4	4.2	23.5	23.2	24.1
Tuscaloosa	8.1	7.6	7.7	1.8	1.7	1.6	10.1	10.1	10.2
Alaska	14.0	12.6	12.2	18.3	18.4	18.5	33.2	37.5	41.9
Arizona	160.6	154.5	155.7	54.4	56.6	56.0	253.3	252.6	257.3
Phoenix	116.8	111.8	112.1	33.5	35.7	35.8	168.9	168.6	173.9
Tucson	24.3	25.8	26.6	9.0	9.0	8.5	42.5	42.8	43.0
Arkansas	209.7	195.2	199.6	43.3	42.7	42.9	159.6	158.2	163.0
Fayetteville-Springdale	20.4	19.3	19.4	3.9	4.0	4.4	15.9	15.9	16.1
Fort Smith	22.7	20.3	21.9	3.7	3.5	3.5	14.6	14.5	14.9
Little Rock-North Little Rock	29.5	26.9	25.8	13.6	13.2	13.2	41.8	41.8	43.5
Pine Bluff	6.3	5.6	5.5	3.9	3.4	3.1	6.1	5.8	5.9
California	2,022.7	1,945.4	1,927.2	554.8	542.8	534.8	2,301.6	2,275.3	2,328.1
Anaheim-Santa Ana-Garden Grove	222.7	212.4	209.6	29.9	30.0	29.4	210.3	210.1	216.8
Bakersfield	10.1	10.0	9.6	8.1	8.0	7.8	35.0	35.6	35.7
Fresno	22.9	21.2	20.5	10.9	10.3	9.9	47.9	45.8	45.2
Los Angeles-Long Beach	916.1	862.8	849.7	201.4	197.2	194.2	820.7	803.7	808.2
Modesto	19.2	19.2	18.9	3.9	4.0	3.9	22.0	21.1	21.4
Oxnard-Simi Valley-Ventura	25.0	25.7	25.2	6.8	6.6	6.7	38.0	38.8	40.5
Riverside-San Bernardino-Ontario	63.9	58.7	57.5	25.8	25.4	25.3	108.2	108.4	111.7
Sacramento	27.5	26.7	27.9	22.7	22.6	21.3	94.7	94.7	98.1
Salinas-Seaside-Monterey	9.1	9.1	8.5	5.2	4.6	4.4	23.7	24.2	24.1
San Diego	109.3	108.4	106.3	29.5	29.7	29.6	154.0	154.2	159.7
San Francisco-Oakland	199.8	189.5	182.9	130.6	126.8	125.0	362.4	357.5	364.0
San Jose	248.7	260.0	260.9	22.5	22.2	21.1	127.7	125.9	132.9
Santa Barbara-Santa Maria-Lompoc	19.1	19.7	20.5	5.2	5.3	5.2	29.6	29.9	29.8
Santa Rosa	15.4	15.3	15.4	5.0	4.7	4.8	23.4	23.7	23.9
Stockton	22.0	20.7	19.6	8.2	7.9	7.8	27.9	27.6	27.8
Vallejo-Fairfield-Napa	11.0	10.9	10.0	4.7	4.4	4.1	22.2	22.2	22.6
Colorado	186.2	183.3	180.0	82.4	85.4	84.1	314.4	320.4	324.5
Denver-Boulder	129.0	126.1	123.3	58.0	61.3	61.5	197.9	202.3	207.0
Connecticut	439.0	418.8	401.7	61.3	61.8	61.3	303.6	303.3	310.9
Bridgeport	64.5	60.9	58.2	6.1	6.6	6.6	35.0	35.4	36.7
Hartford	97.8	91.7	86.5	14.1	13.7	14.1	83.8	83.4	84.8
New Britain	29.3	25.7	24.0	3.3	3.4	3.0	10.2	10.1	10.7
New Haven-West Haven	42.4	39.7	38.5	15.5	15.6	15.2	41.2	41.1	42.7
Stamford	32.6	32.2	31.0	4.6	4.5	4.4	25.5	25.5	24.7
Waterbury	31.6	29.1	28.6	3.1	3.2	3.2	15.9	16.1	16.6
Delaware	71.0	67.9	67.8	12.1	11.7	12.0	56.6	56.5	58.2
Wilmington	65.0	61.4	59.9	11.7	11.4	11.6	47.8	47.5	48.0
District of Columbia	14.5	13.7	14.3	26.5	25.9	25.5	63.0	60.0	59.0
Washington SMSA	58.8	60.4	64.5	73.3	74.3	75.6	308.1	305.3	313.1
Florida	472.2	456.7	464.2	229.8	229.9	229.9	987.2	998.0	1,042.7
Daytona Beach	8.8	8.8	9.6	3.3	3.4	3.2	22.9	23.8	24.4
Fort Lauderdale-Hollywood	42.7	41.4	41.6	18.1	18.3	18.1	109.1	107.9	107.8
Fort Myers-Cape Coral	4.2	4.0	4.2	4.2	4.2	4.4	21.2	21.8	23.2
Gainesville	4.4	4.2	4.5	1.6	1.6	1.6	14.3	14.8	15.0
Jacksonville	34.2	32.8	32.3	24.9	24.8	24.9	79.4	80.8	82.0
Lakeland-Winter Haven	23.2	20.9	20.3	5.4	5.3	5.4	30.9	30.0	30.1
Melbourne-Titusville-Cocoa	23.7	24.2	25.5	4.7	4.9	4.9	22.9	23.7	26.2
Miami	100.3	92.8	90.5	74.4	72.2	68.6	198.2	193.2	190.3
Orlando	39.7	40.1	40.6	15.3	15.9	16.5	63.5	67.7	69.6
Pensacola	12.6	12.4	12.5	5.1	5.5	6.0	24.2	24.8	25.6
Sarasota	6.4	5.9	6.1	3.2	3.3	3.3	22.2	23.1	24.6
Tallahassee	3.1	3.1	3.1	2.7	2.5	2.7	16.0	16.6	17.1
Tampa-St. Petersburg	80.2	78.5	79.0	32.5	33.5	34.4	159.9	164.0	165.1
West Palm Beach-Boca Raton	29.1	29.3	30.2	9.2	9.8	10.0	58.2	59.4	62.4

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Alabama	59.6	58.8	59.5	211.2	214.4	217.8	291.3	290.1	289.2
Birmingham	23.2	23.2	23.6	69.5	71.2	73.0	53.7	54.2	55.1
Huntsville	3.6	3.5	3.6	18.8	19.7	20.0	35.1	35.6	36.2
Mobile	7.2	7.1	7.1	30.0	31.0	31.2	26.8	25.1	25.4
Montgomery	6.2	6.1	6.3	20.6	20.6	21.5	29.2	29.0	29.5
Tuscaloosa	1.7	1.6	1.6	6.5	6.7	6.8	18.0	17.8	17.7
Alaska	8.7	9.6	10.6	33.0	37.0	38.9	57.1	59.6	62.3
Arizona	60.7	62.0	85.4	215.3	221.8	237.4	199.5	199.9	202.1
Phoenix	47.2	48.5	51.1	139.9	146.0	159.1	99.5	99.9	101.0
Tucson	8.5	8.5	9.2	41.3	43.3	45.8	44.0	44.2	45.4
Arkansas	31.8	32.4	33.9	117.4	119.8	128.5	138.1	136.0	137.6
Fayetteville-Springdale	2.3	2.2	2.5	9.6	9.6	10.1	11.6	12.0	12.9
Fort Smith	2.5	2.5	2.6	12.8	12.1	12.5	10.0	9.2	9.3
Little Rock-North Little Rock	12.8	13.2	13.7	35.7	36.8	39.7	37.0	37.0	37.7
Pine Bluff	1.3	1.3	1.4	5.1	5.5	5.7	6.5	6.3	6.7
California	642.9	642.4	655.9	2,261.1	2,283.4	2,349.8	1,756.4	1,735.2	1,725.1
Anaheim-Santa Ana-Garden Grove	61.2	60.9	63.6	189.7	195.5	201.3	106.0	104.1	103.6
Bakersfield	5.2	5.4	5.6	24.6	25.6	26.8	33.3	33.2	33.3
Fresno	11.4	11.4	11.9	37.3	37.4	38.1	40.9	40.0	39.7
Los Angeles-Long Beach	239.3	234.1	235.9	860.8	860.4	882.7	475.3	468.5	462.0
Modesto	3.5	3.4	3.6	17.4	17.4	17.3	16.9	15.8	15.2
Oxnard-Simi Valley-Ventura	8.3	9.8	10.7	32.1	32.9	34.0	37.8	38.1	37.4
Riverside-San Bernardino-Ontario	19.5	19.0	19.5	93.6	96.8	99.4	101.6	101.8	101.7
Sacramento	22.7	22.8	23.4	77.6	79.4	82.0	143.2	143.6	144.2
Salinas-Seaside-Monterey	4.3	4.1	4.4	20.1	20.9	20.9	24.1	24.3	24.2
San Diego	40.7	42.6	45.3	155.7	159.5	163.4	141.9	139.6	139.9
San Francisco-Oakland	150.7	152.9	152.7	379.5	380.8	383.9	287.5	284.2	281.8
San Jose	28.7	28.4	29.2	156.8	159.4	168.9	80.7	78.8	76.7
Santa Barbara-Santa Maria-Lompoc	5.9	5.9	6.3	31.8	31.7	31.7	24.9	24.4	24.3
Santa Rosa	6.0	6.1	6.3	20.2	20.4	21.1	19.7	19.9	19.7
Stockton	5.5	6.0	6.1	24.3	24.6	24.5	27.2	27.1	27.0
Vallejo-Fairfield-Napa	3.4	3.6	3.7	20.3	20.8	21.2	34.7	35.1	35.2
Colorado	80.3	83.5	86.0	269.3	280.0	287.3	241.7	238.6	241.9
Denver-Boulder	57.2	60.0	61.7	179.9	186.1	190.7	136.5	134.1	135.5
Connecticut	110.0	113.7	117.8	291.6	301.5	313.6	182.4	179.6	182.4
Bridgeport	7.8	7.8	8.3	35.3	36.1	36.4	16.3	16.1	16.0
Hartford	62.8	65.7	67.8	75.6	80.3	84.4	52.8	52.3	52.8
New Britain	1.9	1.8	1.9	10.0	10.6	11.0	6.3	6.4	6.1
New Haven-West Haven	11.0	11.0	11.5	49.3	49.7	51.8	24.2	23.5	23.8
Stamford	8.3	8.7	8.7	26.1	27.1	28.3	10.0	10.1	10.2
Waterbury	3.8	3.8	3.9	18.9	18.5	18.9	11.2	10.8	11.4
Delaware	12.9	13.9	15.5	(¹)	49.9	52.7	44.5	43.8	43.5
Wilmington	12.0	12.8	14.2	(¹)	45.0	46.8	35.2	34.8	34.6
District of Columbia	34.2	34.7	34.1	(¹)	192.1	192.3	273.2	260.8	260.2
Washington SMSA	90.9	92.6	94.1	(¹)	468.7	485.7	549.4	531.3	531.7
Florida	274.3	276.6	286.3	858.9	902.0	962.9	620.1	632.5	632.9
Daytona Beach	4.9	5.0	5.2	21.9	22.7	23.7	14.2	15.1	15.4
Fort Lauderdale-Hollywood	31.9	32.4	33.2	85.9	88.7	94.2	46.7	47.9	49.3
Fort Myers-Cape Coral	6.4	6.6	6.7	16.1	17.3	18.8	11.6	12.2	12.2
Gainesville	3.0	3.2	3.2	13.8	14.6	14.8	28.1	27.7	28.2
Jacksonville	28.2	28.4	28.8	65.3	70.7	72.8	53.3	51.9	52.0
Lakeland-Winter Haven	7.6	8.3	7.3	24.6	25.3	26.0	16.8	17.0	16.5
Melbourne-Titusville-Cocoa	4.2	4.0	4.3	25.9	28.4	29.9	18.7	18.8	19.4
Miami	58.5	59.7	60.5	181.5	183.8	191.2	93.0	94.4	96.3
Orlando	20.8	21.6	22.1	81.4	88.0	98.8	41.0	43.0	44.9
Pensacola	4.4	4.3	4.3	21.4	23.1	23.6	25.5	26.0	25.8
Sarasota	6.3	6.6	7.1	18.4	19.9	21.9	9.9	10.2	10.5
Tallahassee	3.6	3.6	3.8	13.9	14.3	15.2	34.1	32.7	31.7
Tampa-St. Petersburg	41.7	43.4	45.8	140.2	149.0	160.3	81.7	83.4	85.0
West Palm Beach-Boca Raton	19.1	19.5	20.1	55.1	58.8	62.2	30.7	31.0	31.7

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Georgia	2,198.6	2,201.5	2,272.2	7.7	7.4	7.3	104.2	103.0	110.3
Albany	44.6	44.0	44.1	(¹)	(¹)	(¹)	1.9	1.9	1.9
Athens	53.2	53.0	54.4	(¹)	(¹)	(¹)	1.8	1.5	1.6
Atlanta	996.2	1,010.2	1,056.2	(¹)	(¹)	(¹)	45.3	44.5	50.5
Augusta	122.1	123.5	125.5	(¹)	(¹)	(¹)	5.6	6.4	7.2
Columbus	81.1	79.1	81.2	(¹)	(¹)	(¹)	4.1	3.8	4.2
Macon	98.4	100.2	101.3	(¹)	(¹)	(¹)	4.2	4.3	4.4
Savannah	89.1	89.7	89.6	(¹)	(¹)	(¹)	5.3	5.5	4.9
Hawaii	404.8	399.4	403.1	(¹)	(¹)	(¹)	21.9	17.9	18.0
Honolulu	332.3	325.7	328.0	(¹)	(¹)	(¹)	17.5	14.4	14.7
Idaho	327.8	312.2	316.9	5.2	3.8	4.1	16.7	13.8	12.9
Boise City	78.4	76.8	77.2	(¹)	(¹)	(¹)	5.7	5.3	4.7
Illinois	4,732.3	4,593.3	4,501.1	26.9	27.1	24.1	167.5	156.4	144.5
Bloomington-Normal	50.5	49.3	49.5	(¹)	(¹)	(¹)	1.6	1.2	1.0
Champaign-Urbana-Rantoul	75.2	74.3	73.2	(¹)	(¹)	(¹)	1.7	1.8	1.7
Chicago-Gary	3,424.5	3,318.5	3,232.5	4.0	2.9	3.1	114.6	111.9	109.8
Chicago SMSA	3,178.5	3,080.4	3,016.5	3.9	2.8	3.0	101.2	100.1	99.8
Davenport-Rock Island-Moline	162.5	151.5	145.7	(¹)	(¹)	(¹)	7.1	6.3	5.7
Decatur	56.1	52.7	50.7	(¹)	(¹)	(¹)	2.3	2.2	2.1
Kankakee	34.7	32.6	31.3	(¹)	(¹)	(¹)	1.7	1.5	1.2
Peoria	147.9	135.4	125.3	(¹)	(¹)	(¹)	7.1	7.0	6.4
Rockford	117.0	109.1	108.9	(¹)	(¹)	(¹)	3.5	3.0	2.9
Springfield	87.0	87.4	87.8	(¹)	(¹)	(¹)	3.9	3.4	2.9
Indiana	2,114.4	2,028.0	2,007.4	10.0	10.3	9.6	86.2	77.1	69.9
Anderson	47.3	43.3	44.7	(¹)	(¹)	(¹)	1.1	1.0	1.0
Elkhart	69.2	69.6	78.0	(¹)	(¹)	(¹)	1.9	1.6	1.8
Evansville	127.3	123.9	121.0	2.8	3.0	2.7	6.5	6.1	5.9
Fort Wayne	169.2	159.8	158.0	(¹)	(¹)	(¹)	6.9	5.4	5.3
Gary-Hammond-East Chicago	249.3	228.0	216.0	(¹)	(¹)	(¹)	14.6	12.0	10.0
Indianapolis	521.7	505.4	506.5	(¹)	(¹)	(¹)	21.9	19.5	19.5
Lafayette-West Lafayette	57.6	56.2	55.5	(¹)	(¹)	(¹)	2.5	1.9	1.4
Muncie	48.3	45.2	44.8	(¹)	(¹)	(¹)	1.4	1.3	1.3
South Bend	111.1	107.4	106.9	(¹)	(¹)	(¹)	4.9	3.8	3.7
Terre Haute	63.3	60.0	58.4	1.2	1.4	1.2	3.6	2.8	2.5
Iowa	1,088.6	1,041.9	1,018.2	2.0	1.7	1.8	44.4	38.1	32.5
Cedar Rapids	81.9	77.1	75.0	(¹)	.1	.1	3.2	2.5	2.5
Des Moines	177.2	172.9	170.7	(¹)	(¹)	(¹)	6.8	5.7	5.3
Dubuque	41.9	37.6	37.3	(¹)	(¹)	(¹)	1.3	1.2	1.0
Sioux City	49.2	46.3	46.2	(¹)	(¹)	(¹)	2.2	1.8	1.6
Waterloo-Cedar Falls	64.7	59.4	55.9	(¹)	(¹)	(¹)	2.2	1.8	1.5
Kansas	949.7	921.4	915.5	19.8	18.8	17.2	42.7	39.0	39.2
Lawrence	28.1	27.5	27.0	(¹)	(¹)	(¹)	(¹)	.7	.8
Topeka	85.9	83.4	82.3	.2	.2	.1	3.2	3.0	2.8
Wichita	206.7	193.3	190.6	3.5	3.5	3.3	9.3	8.4	8.4
Kentucky	1,196.0	1,160.7	1,154.1	53.3	52.8	41.7	52.9	50.3	46.9
Lexington-Fayette	143.4	142.7	147.4	(¹)	(¹)	(¹)	6.4	6.2	6.6
Louisville	385.9	369.4	365.2	(¹)	(¹)	(¹)	16.8	15.3	14.9
Owensboro	31.1	30.1	30.7	1.1	1.0	1.0	1.8	1.5	1.6
Louisiana	1,630.5	1,607.0	1,564.1	99.3	95.9	80.5	138.2	123.0	114.3
Alexandria	53.2	53.4	53.7	(¹)	(¹)	(¹)	3.9	3.4	3.4
Baton Rouge	207.1	205.9	205.6	1.3	1.4	1.0	25.8	22.2	20.6
Lafayette	90.0	96.1	88.1	18.9	19.6	16.4	6.0	6.2	5.3
Lake Charles	70.4	64.4	61.7	2.4	2.6	2.4	10.3	7.2	6.5
Monroe	51.5	51.3	51.3	.7	.7	.5	3.4	3.0	3.0
New Orleans	520.7	514.8	504.0	20.0	20.6	18.6	31.1	31.0	30.4
Shreveport	150.8	150.1	147.2	7.7	7.4	6.2	8.6	8.6	9.1
Maine	419.2	415.5	420.9	(¹)	.1	.2	17.5	16.7	16.6
Lewiston-Auburn	34.5	33.2	33.4	(¹)	(¹)	(¹)	1.3	1.2	1.3
Portland	92.6	93.9	95.8	(¹)	(¹)	(¹)	4.0	4.0	4.0
Maryland	1,715.8	1,675.8	1,699.6	(¹)	2.0	1.6	99.7	89.3	95.4
Baltimore SMSA	958.8	930.6	938.5	(¹)	.2	.1	48.6	43.3	45.1
Baltimore City	452.2	434.2	432.7	(¹)	(¹)	(¹)	17.8	15.3	15.1

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Georgia	524.6	500.3	508.7	144.9	146.4	147.5	512.0	520.0	545.8
Albany	12.2	11.3	10.4	2.4	2.4	2.3	9.4	9.6	10.3
Athens	15.0	14.4	14.3	1.5	1.5	1.5	10.3	10.3	10.6
Atlanta	147.8	143.1	145.7	89.8	91.8	92.0	273.6	280.4	297.2
Augusta	35.6	33.7	33.2	4.4	4.4	4.2	23.1	23.7	24.1
Columbus	21.4	19.5	20.3	3.3	3.2	3.0	16.1	16.4	16.8
Macon	16.7	16.0	16.5	4.6	4.6	4.4	20.4	21.0	21.3
Savannah	17.0	16.5	16.0	9.3	9.1	9.9	21.7	21.4	21.1
Hawaii	23.0	22.4	22.2	31.9	31.2	30.7	105.4	104.8	105.8
Honolulu	16.8	16.4	16.3	26.6	25.9	25.5	87.3	86.1	85.7
Idaho	52.7	47.8	49.6	20.0	19.1	18.8	80.7	78.0	79.2
Boise City	8.8	8.6	8.8	5.2	5.2	5.2	19.9	19.3	19.5
Illinois	1,131.4	1,013.4	951.1	286.7	274.3	261.7	1,103.5	1,087.7	1,085.0
Bloomington-Normal	6.8	5.6	5.2	3.3	3.5	3.3	12.2	11.8	12.0
Champaign-Urbana-Rantoul	7.6	6.9	6.9	2.6	2.5	2.5	19.4	19.0	18.1
Chicago-Gary	856.3	770.3	709.9	209.1	197.6	188.7	810.9	796.2	783.0
Chicago SMSA	765.8	685.8	639.8	194.8	182.6	176.1	761.4	745.7	737.2
Davenport-Rock Island-Moline	50.0	41.3	35.2	6.9	6.7	6.8	40.6	38.7	38.4
Decatur	20.3	17.7	16.7	5.1	4.6	4.0	11.5	11.2	11.0
Kankakee	8.9	6.9	5.7	1.5	1.4	1.2	7.3	7.2	7.2
Peoria	47.9	37.8	31.4	7.8	7.3	6.6	34.5	32.8	31.0
Rockford	49.1	41.7	40.9	4.5	4.5	4.3	24.7	23.8	24.4
Springfield	6.5	5.8	5.4	4.6	4.5	4.2	19.1	19.1	19.4
Indiana	652.6	589.0	576.6	107.4	103.4	100.7	471.9	459.9	459.3
Anderson	20.0	17.0	17.5	1.3	1.2	1.2	9.9	9.4	9.5
Elkhart	35.0	35.4	42.1	2.6	2.5	2.5	13.4	13.6	14.4
Evansville	36.7	34.0	31.5	7.3	7.0	6.9	30.6	30.7	30.5
Fort Wayne	53.0	47.9	45.6	10.6	10.4	9.8	40.6	38.9	39.1
Gary-Hammond-East Chicago	90.7	77.2	70.1	14.3	13.7	12.6	51.2	47.3	45.8
Indianapolis	121.5	111.1	105.8	31.0	30.2	29.9	128.9	127.9	128.6
Lafayette-West Lafayette	11.2	10.6	10.3	1.7	1.7	1.7	11.4	11.3	11.4
Muncie	12.5	10.5	10.6	2.0	1.9	1.8	11.8	11.2	11.0
South Bend	30.6	29.2	27.8	4.9	4.8	4.6	27.3	26.3	27.0
Terre Haute	15.5	13.8	12.3	3.6	3.5	3.4	15.8	15.0	15.1
Iowa	236.5	209.8	199.9	55.0	52.7	49.7	277.4	267.2	260.9
Cedar Rapids	26.2	23.2	20.7	3.9	3.9	3.8	19.4	18.4	18.1
Des Moines	23.5	21.1	20.6	11.0	10.9	10.2	46.2	44.7	44.6
Dubuque	14.5	10.9	10.5	1.7	1.7	1.7	9.1	8.5	8.6
Sioux City	9.1	8.2	8.8	3.8	3.6	3.4	12.8	12.1	12.0
Waterloo-Cedar Falls	22.8	18.8	16.2	2.4	2.2	1.9	13.5	13.0	12.6
Kansas	188.6	168.8	164.9	62.7	61.4	61.4	228.6	227.9	224.7
Lawrence	4.6	4.4	4.2	1.4	1.3	1.3	5.6	5.7	5.8
Topeka	10.0	9.3	9.1	8.2	7.9	7.4	18.8	18.2	17.9
Wichita	64.3	53.5	49.7	10.2	9.9	9.8	46.0	45.0	45.1
Kentucky	270.2	244.8	240.9	67.6	65.6	62.7	260.4	260.5	264.9
Lexington-Fayette	29.2	26.2	26.8	7.6	7.4	7.4	31.7	32.6	33.6
Louisville	97.8	86.6	82.5	23.7	23.0	21.3	88.8	87.7	87.2
Owensboro	6.7	6.1	6.0	2.3	2.3	2.4	7.2	7.4	7.6
Louisiana	222.1	202.6	179.8	132.7	128.5	117.9	366.7	367.7	368.1
Alexandria	5.4	5.6	5.3	2.5	2.5	2.5	11.6	11.9	12.3
Baton Rouge	26.7	25.1	22.4	10.6	10.4	10.1	46.0	46.4	48.2
Lafayette	4.7	4.7	3.7	6.8	7.5	6.9	22.8	24.5	23.2
Lake Charles	13.3	11.0	9.7	4.6	4.6	4.4	15.0	14.7	14.4
Monroe	8.0	7.4	7.1	2.7	2.8	2.7	13.3	13.2	14.1
New Orleans	52.2	46.4	40.9	55.7	52.1	47.2	130.6	129.5	128.6
Shreveport	27.6	25.6	23.1	9.4	9.5	9.3	35.7	35.4	34.1
Maine	113.5	108.6	108.4	18.7	18.5	18.1	89.4	90.5	93.5
Lewiston-Auburn	11.8	10.9	11.0	1.2	1.2	1.3	8.1	8.0	7.9
Portland	17.8	16.7	16.1	5.6	5.8	5.6	24.9	25.6	26.6
Maryland	231.7	215.3	211.6	88.3	88.0	87.1	409.3	406.9	417.5
Baltimore SMSA	155.8	142.1	139.8	59.7	59.3	57.7	221.9	217.1	220.5
Baltimore City	64.3	58.6	55.6	39.8	37.4	35.1	97.9	92.4	92.7

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Georgia	114.7	117.2	121.1	359.5	373.2	394.4	431.1	434.0	437.0
Albany	2.0	2.0	2.1	6.2	6.2	6.2	10.5	10.6	10.9
Athens	1.7	1.7	1.7	6.6	6.9	7.2	16.4	16.7	17.4
Atlanta	68.7	71.6	75.4	208.2	215.8	230.2	162.8	163.1	165.1
Augusta	4.5	4.5	4.6	18.3	19.2	19.7	30.8	31.6	32.5
Columbus	5.4	5.3	5.4	11.3	11.4	11.8	19.5	19.5	19.7
Macon	6.2	6.3	6.3	17.4	17.9	18.1	29.0	30.0	30.3
Savannah	4.1	4.0	4.1	15.9	16.9	17.4	15.8	16.2	16.2
Hawaii	31.7	31.5	31.6	101.9	101.2	103.8	89.0	90.3	91.0
Honolulu	27.2	27.1	27.2	81.5	79.2	81.4	75.4	76.5	77.2
Idaho	23.1	22.7	23.1	60.1	59.3	61.1	69.2	67.8	68.1
Boise City	8.0	7.7	7.8	14.6	15.2	15.7	16.1	15.5	15.5
Illinois	320.0	326.0	320.6	961.8	990.6	1,014.2	734.5	717.9	699.9
Bloomington-Normal	7.9	8.2	8.6	8.1	8.7	9.0	10.6	10.4	10.5
Champaign-Urbana-Rantoul	2.5	2.4	2.4	11.6	11.8	11.9	29.8	30.0	29.7
Chicago-Gary	252.7	252.8	247.8	737.2	757.0	777.7	439.6	429.7	412.6
Chicago SMSA	243.4	243.4	239.3	699.1	724.4	739.8	408.8	395.7	381.6
Davenport-Rock Island-Moline	7.2	7.2	7.2	25.1	25.7	26.0	25.7	25.7	26.6
Decatur	2.7	2.7	2.7	8.7	8.9	9.0	5.6	5.4	5.2
Kankakee	1.2	1.5	1.5	6.7	7.0	7.2	7.4	7.3	7.4
Peoria	7.1	6.7	6.5	26.5	27.5	27.2	17.1	16.4	16.3
Rockford	4.3	4.6	4.2	18.5	19.3	19.9	12.1	12.2	12.2
Springfield	6.6	6.7	7.5	18.0	18.2	18.9	28.2	29.6	29.5
Indiana	102.1	102.7	100.8	344.6	356.9	361.2	339.7	328.7	329.2
Anderson	1.6	1.5	1.6	(¹)	7.9	8.2	5.6	5.3	5.7
Elkhart	2.1	2.0	2.1	(¹)	9.4	10.0	5.0	5.0	5.1
Evansville	4.7	4.4	4.5	26.1	26.5	26.8	12.6	12.2	12.2
Fort Wayne	10.6	10.5	10.5	(¹)	29.0	29.9	17.7	17.6	17.7
Gary-Hammond-East Chicago	9.2	8.9	8.5	(¹)	38.5	37.9	31.8	30.4	31.0
Indianapolis	38.8	38.5	38.8	(¹)	(¹)	101.1	83.3	81.7	82.0
Lafayette-West Lafayette	2.6	2.6	2.5	(¹)	9.4	9.5	18.8	18.7	18.7
Muncie	1.6	1.5	1.5	(¹)	(¹)	8.5	10.5	10.3	10.1
South Bend	5.2	5.1	5.2	(¹)	26.0	26.5	12.9	12.2	12.1
Terre Haute	2.2	2.0	2.0	9.8	10.0	10.3	11.6	11.5	11.6
Iowa	59.1	58.9	59.6	211.1	211.4	209.6	203.1	202.0	204.3
Cedar Rapids	4.4	4.3	4.3	(¹)	15.6	15.6	9.1	9.1	9.8
Des Moines	21.6	21.9	22.0	(¹)	41.4	40.9	27.5	27.1	27.1
Dubuque	1.3	1.3	1.3	(¹)	10.4	10.5	3.8	3.7	3.7
Sioux City	2.8	2.7	2.6	(¹)	11.8	11.9	6.6	6.1	5.8
Waterloo-Cedar Falls	2.2	2.2	2.2	(¹)	11.0	11.0	10.5	10.3	10.5
Kansas	48.2	48.9	49.3	173.2	172.8	173.4	185.9	183.8	185.4
Lawrence .....	.8	.9	.8	4.0	4.0	4.0	10.8	10.4	10.1
Topeka	5.9	5.9	5.8	17.8	17.7	17.8	21.8	21.2	21.4
Wichita	9.7	9.7	9.9	39.9	39.7	40.0	23.8	23.6	24.4
Kentucky	52.3	51.6	53.0	215.0	216.2	224.1	224.3	218.9	219.9
Lexington-Fayette	7.2	7.1	7.5	28.7	31.1	33.8	32.6	32.1	31.7
Louisville	23.8	23.5	24.1	76.8	77.9	80.6	58.2	55.4	54.6
Owensboro	1.2	1.1	1.2	6.1	6.1	6.3	4.7	4.7	4.6
Louisiana	77.6	79.9	82.6	290.1	302.1	304.5	303.8	307.3	316.6
Alexandria	2.9	2.9	2.9	11.1	11.4	11.6	15.6	15.7	15.7
Baton Rouge	11.8	12.0	12.2	35.9	37.2	38.3	49.0	51.1	52.7
Lafayette	3.0	3.6	3.8	17.4	19.0	18.3	10.4	11.0	10.5
Lake Charles	2.9	2.9	2.9	10.8	10.9	10.9	11.1	10.6	10.5
Monroe	3.9	3.9	4.0	9.0	9.9	10.1	10.5	10.4	9.8
New Orleans	30.9	31.3	31.8	117.4	121.2	122.4	82.7	82.8	84.1
Shreveport	7.3	7.6	8.0	29.4	30.7	31.3	25.1	25.2	26.0
Maine	17.0	17.5	17.9	(¹)	81.5	83.6	82.6	82.1	82.6
Lewiston-Auburn	1.6	1.6	1.6	(¹)	7.2	7.2	3.1	3.1	3.1
Portland	7.5	8.0	8.4	(¹)	21.0	22.0	12.4	12.8	13.1
Maryland	93.6	94.6	97.0	(¹)	386.5	399.5	415.9	393.2	389.9
Baltimore SMSA	58.4	58.5	59.5	(¹)	205.2	212.8	216.1	204.9	203.0
Baltimore City	38.7	39.2	39.8	(¹)	110.0	113.8	87.5	81.3	80.6

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Massachusetts	2,668.3	2,638.0	2,671.2	(¹)	1.1	1.1	79.6	78.4	80.5
Boston	1,481.1	1,477.1	1,499.7	(¹)	.4	.4	43.7	45.3	43.8
Brockton	57.8	57.1	57.3	(¹)	(¹)	(¹)	1.5	1.6	2.1
Fall River	53.6	52.5	55.6	(¹)	(¹)	(¹)	1.4	1.5	1.6
Fitchburg-Leominster	40.6	39.6	40.3	(¹)	(¹)	(¹)	1.2	1.2	1.3
Lawrence-Haverhill	116.7	113.8	113.1	(¹)	(¹)	(¹)	2.9	3.0	3.1
Lowell	80.2	81.5	85.0	(¹)	(¹)	(¹)	2.8	2.5	2.4
New Bedford	64.6	63.4	64.5	(¹)	(¹)	(¹)	1.5	1.6	2.0
Pittsfield	54.7	52.3	51.5	(¹)	.1	.1	1.5	1.4	1.6
Springfield-Chicopee-Holyoke	235.7	230.0	231.2	(¹)	.1	.1	6.1	5.8	5.9
Worcester	164.9	159.3	156.5	(¹)	.5	.5	5.1	4.7	4.1
Michigan	3,364.4	3,193.3	3,186.3	12.9	10.4	8.7	106.8	89.5	85.9
Ann Arbor	136.0	130.7	133.8	(¹)	(¹)	(¹)	2.5	2.9	3.8
Battle Creek	62.1	59.1	58.6	(¹)	(¹)	(¹)	1.5	1.4	1.6
Bay City	34.3	32.4	31.6	(¹)	(¹)	(¹)	1.1	.9	.9
Benton Harbor	59.0	56.2	55.3	(¹)	(¹)	(¹)	1.9	1.9	2.2
Detroit	1,637.6	1,550.8	1,539.6	1.2	1.0	.8	48.1	39.3	37.3
Flint	187.8	172.9	176.1	(¹)	(¹)	(¹)	4.7	3.4	3.5
Grand Rapids	267.8	261.0	263.8	(¹)	(¹)	(¹)	10.3	9.2	9.3
Jackson	50.8	47.8	46.0	(¹)	(¹)	(¹)	1.2	1.1	1.0
Kalamazoo-Portage	109.6	105.5	104.9	(¹)	(¹)	(¹)	3.9	3.3	3.4
Lansing-East Lansing	192.7	186.4	188.9	(¹)	(¹)	(¹)	5.2	3.8	3.7
Muskegon-Norton Shores-Muskegon Heights	58.4	55.5	54.1	(¹)	(¹)	(¹)	2.0	1.9	1.9
Saginaw	83.8	77.1	77.4	(¹)	(¹)	(¹)	2.6	1.8	1.9
Minnesota	1,761.3	1,706.8	1,714.2	15.6	9.5	8.4	67.7	59.9	60.3
Duluth-Superior	58.3	54.0	51.8	(¹)	(¹)	(¹)	1.7	1.4	1.2
Minneapolis-St. Paul	1,092.5	1,067.2	1,075.5	(¹)	(¹)	(¹)	40.1	35.9	36.6
Rochester	50.9	50.8	51.0	(¹)	(¹)	(¹)	1.7	1.6	1.6
St. Cloud	55.5	54.9	55.3	(¹)	(¹)	(¹)	3.1	2.7	2.5
Mississippi	819.1	790.9	788.8	12.8	11.8	8.8	42.3	39.6	34.9
Jackson	147.2	143.9	144.6	2.1	2.1	1.6	6.5	5.6	5.9
Missouri	1,956.3	1,922.4	1,917.0	7.0	7.1	6.5	79.0	73.3	74.9
Kansas City	622.0	609.8	608.4	.6	.5	.5	23.0	20.0	21.9
St. Joseph	37.0	36.8	36.4	(¹)	(¹)	(¹)	(¹)	1.5	1.3
St. Louis	1,002.2	986.6	986.3	3.3	3.4	3.4	44.1	42.0	43.4
Springfield	86.7	87.3	89.4	(¹)	.1	.1	(¹)	2.8	3.1
Montana	281.8	273.7	269.9	11.5	9.3	7.0	13.3	13.4	12.8
Nebraska	623.2	609.8	608.5	1.9	1.9	1.7	26.1	23.5	21.8
Lincoln	99.2	96.4	95.3	(¹)	(¹)	(¹)	(¹)	3.0	2.9
Omaha	262.9	259.6	262.8	(¹)	.1	.1	(¹)	8.8	9.3
Nevada	411.2	401.1	404.9	7.9	6.6	5.9	25.4	20.0	19.7
Las Vegas	228.4	224.1	228.5	.6	.5	.3	14.5	12.0	12.1
Reno	114.6	112.4	111.7	.9	.7	.6	6.4	5.0	5.0
New Hampshire	394.6	394.4	408.1	.4	.4	.4	20.3	22.8	23.9
Manchester	75.6	75.6	78.4	(¹)	(¹)	(¹)	(¹)	3.1	3.4
Nashua	67.1	68.0	71.5	(¹)	.1	.1	(¹)	2.5	2.9
New Jersey	3,098.1	3,090.5	3,148.8	2.3	2.1	2.0	108.7	107.3	112.1
Atlantic City	99.8	101.5	105.6	(¹)	(¹)	(¹)	5.0	3.8	4.3
Camden	345.2	346.5	357.7	.1	.1	.1	12.7	12.3	12.9
Hackensack	400.1	402.7	408.6	(¹)	(¹)	(¹)	14.4	13.6	14.0
Jersey City	224.2	218.1	218.5	(¹)	(¹)	(¹)	4.6	4.4	4.6
Long Branch-Asbury Park	167.5	169.5	172.3	(¹)	(¹)	(¹)	6.3	6.3	7.1
New Brunswick-Perth Amboy-Sayreville	293.1	293.3	294.9	(¹)	(¹)	(¹)	9.9	9.0	9.2
Newark	944.6	938.8	954.9	.8	.8	.7	30.8	30.5	30.2
Paterson-Clifton-Passaic	190.2	186.0	188.4	(¹)	(¹)	(¹)	6.7	6.5	6.6
Trenton	163.9	162.5	165.5	(¹)	(¹)	(¹)	3.1	3.0	3.0
Vineland-Millville-Bridgeton	53.7	51.9	52.1	(¹)	(¹)	(¹)	1.8	1.5	1.6
New Mexico	475.5	473.6	478.1	31.2	26.3	20.8	33.3	32.1	33.0
Albuquerque	188.7	190.1	198.5	(¹)	(¹)	(¹)	11.9	11.9	13.5
Las Cruces	30.1	31.5	33.3	(¹)	(¹)	(¹)	1.7	1.7	2.3

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Massachusetts	669.4	640.1	624.3	120.1	120.1	118.1	579.1	577.0	602.1
Boston	295.1	289.6	283.4	72.1	71.2	71.2	320.8	321.4	332.7
Brockton	12.6	11.8	11.1	3.5	3.6	3.7	15.2	15.7	16.0
Fall River	19.5	18.6	19.5	1.8	1.7	1.7	11.5	11.6	12.4
Fitchburg-Leominster	17.2	16.2	16.0	1.7	1.6	1.5	7.8	7.8	8.4
Lawrence-Haverhill	46.9	43.2	41.2	4.8	4.7	4.8	22.3	22.7	23.0
Lowell	30.2	31.4	34.0	3.3	3.2	3.0	16.6	16.9	17.5
New Bedford	25.8	23.9	24.1	2.2	2.3	2.2	12.6	12.8	13.2
Pittsfield	17.7	16.6	15.5	1.5	1.5	1.3	11.9	11.5	12.0
Springfield-Chicopee-Holyoke	63.2	58.2	55.1	9.3	9.2	9.1	48.6	48.5	49.6
Worcester	47.8	43.5	39.8	7.3	7.3	7.0	35.6	35.0	36.6
Michigan	979.0	876.9	880.8	147.9	143.3	136.7	714.7	693.2	890.5
Ann Arbor	36.0	32.0	32.1	3.4	3.2	3.0	20.5	20.5	20.6
Battle Creek	19.6	17.7	17.1	2.2	2.1	2.0	10.7	10.0	9.9
Bay City	9.1	8.3	7.9	1.7	1.6	1.5	8.8	8.4	8.5
Benton Harbor	21.1	19.4	18.6	2.2	2.2	2.3	11.5	11.0	10.6
Detroit	470.5	419.3	415.9	78.9	75.7	71.3	361.0	351.2	352.1
Flint	72.6	62.6	65.0	6.1	5.9	5.3	41.0	39.5	40.3
Grand Rapids	90.1	84.5	86.1	11.4	11.0	10.4	63.9	64.3	65.0
Jackson	14.1	12.3	11.2	5.1	5.1	5.0	10.5	10.1	9.6
Kalamazoo-Portage	33.0	31.0	30.7	4.1	4.0	3.8	22.4	22.0	22.1
Lansing-East Lansing	40.9	36.9	39.2	5.4	5.5	5.5	36.0	35.1	35.0
Muskegon-Norton Shores-Muskegon Heights	19.9	17.8	17.1	3.1	2.9	2.8	11.5	11.1	11.0
Saginaw	29.3	24.6	24.8	5.0	4.7	4.5	17.8	17.2	17.2
Minnesota	364.0	346.6	345.0	97.4	93.1	92.4	439.9	429.5	428.6
Duluth-Superior	7.3	5.8	4.6	6.2	5.3	5.2	15.5	14.5	14.2
Minneapolis-St. Paul	243.7	234.7	232.9	62.9	60.9	61.1	269.3	262.7	261.8
Rochester	10.5	10.1	10.1	1.9	1.9	1.9	10.0	10.3	10.5
St. Cloud	10.6	10.2	10.2	3.5	3.4	3.5	14.9	15.3	15.9
Mississippi	220.3	203.2	203.4	40.5	39.6	38.4	163.4	161.6	164.1
Jackson	18.6	16.4	16.0	10.1	10.0	9.7	35.0	34.8	35.5
Missouri	427.5	406.8	399.5	137.2	133.2	131.3	467.3	459.8	456.0
Kansas City	117.2	111.0	108.7	52.1	51.1	49.8	160.5	159.8	157.5
St. Joseph	9.0	8.8	8.7	2.2	2.1	2.1	9.2	8.8	8.8
St. Louis	231.3	217.9	212.8	72.5	70.3	69.9	234.1	230.5	229.8
Springfield	18.1	18.0	18.3	7.0	6.8	6.1	23.7	24.1	25.0
Montana	23.2	20.6	20.9	22.6	22.0	20.0	72.9	71.9	70.7
Nebraska	94.9	87.9	85.0	47.4	44.6	43.2	161.8	158.5	156.9
Lincoln	13.1	12.2	11.5	7.3	6.8	6.3	21.9	21.3	21.1
Omaha	34.2	33.0	33.7	24.2	22.9	22.2	68.3	67.2	67.0
Nevada	20.1	18.8	19.0	25.1	24.9	24.5	83.6	79.9	80.4
Las Vegas	7.3	6.6	7.1	13.9	13.9	13.9	48.1	45.5	46.1
Reno	8.3	7.8	7.4	8.2	8.2	7.9	25.0	24.3	24.3
New Hampshire	116.6	111.7	113.1	14.4	14.7	15.1	88.8	88.4	93.7
Manchester	17.1	16.3	16.4	4.8	4.9	4.9	19.7	19.8	20.7
Nashua	31.4	31.6	33.2	2.1	2.1	1.9	13.2	13.0	13.8
New Jersey	770.7	727.6	712.1	196.5	197.1	201.3	690.6	701.2	728.3
Atlantic City	8.3	7.5	7.8	4.1	4.5	4.6	19.4	19.3	19.9
Camden	72.0	69.2	69.9	16.1	15.6	15.9	89.7	90.9	94.2
Hackensack	109.2	104.5	101.7	20.9	21.5	21.3	117.8	121.2	124.8
Jersey City	66.1	61.0	58.1	26.0	25.0	25.9	45.1	45.3	46.8
Long Branch-Asbury Park	25.3	24.1	23.3	8.5	6.5	6.7	41.4	42.6	44.3
New Brunswick-Perth Amboy-Sayreville	89.4	83.6	80.9	23.7	23.9	23.8	68.6	70.3	70.9
Newark	244.6	229.4	221.0	74.5	75.0	77.8	183.2	184.7	193.2
Paterson-Clifton-Passaic	66.5	62.5	63.3	6.8	7.2	7.0	40.9	40.7	41.1
Trenton	34.1	31.5	30.9	5.4	5.4	5.3	25.0	25.2	26.4
Vineland-Millville-Bridgeton	17.7	16.7	16.4	3.0	2.6	2.5	8.8	9.1	9.3
New Mexico	34.3	34.1	34.4	29.2	29.9	29.3	106.0	108.3	110.9
Albuquerque	17.8	18.0	18.6	11.9	12.0	12.0	47.6	47.9	49.6
Las Cruces	2.7	3.0	3.3	1.2	1.3	1.3	5.6	6.0	6.3

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Massachusetts	164.8	168.7	170.3	(¹)	682.0	706.1	391.1	370.7	368.8
Boston	113.7	117.5	119.2	(¹)	448.4	465.3	198.1	183.4	183.7
Brockton	2.2	2.2	2.1	(¹)	10.9	11.1	12.2	11.3	11.2
Fall River	3.0	2.7	2.8	(¹)	9.6	10.1	7.1	6.9	6.5
Fitchburg-Leominster	1.2	1.4	1.2	(¹)	6.3	6.6	5.3	4.9	5.3
Lawrence-Haverhill	4.2	4.2	4.3	(¹)	19.8	20.5	17.0	16.0	16.1
Lowell	2.1	2.2	2.4	(¹)	13.4	13.9	12.3	11.7	11.8
New Bedford	2.1	2.1	2.2	(¹)	10.8	11.1	10.1	10.0	9.6
Pittsfield	2.5	2.4	2.3	(¹)	11.6	12.0	8.0	7.2	6.7
Springfield-Chicopee-Holyoke	13.4	13.6	14.1	(¹)	48.6	50.8	47.4	45.9	46.5
Worcester	10.0	10.1	9.7	(¹)	35.5	35.7	23.7	22.7	23.0
Michigan	155.0	151.9	151.2	649.6	650.3	656.4	598.4	577.8	576.0
Ann Arbor	4.1	4.1	4.2	24.7	24.0	24.9	44.8	44.0	45.2
Battle Creek	4.2	4.1	4.0	11.7	11.6	11.7	12.1	12.1	12.3
Bay City	1.4	1.4	1.3	6.9	6.7	6.2	5.3	5.1	5.2
Benton Harbor	2.0	1.9	1.9	11.9	11.8	11.8	8.4	8.0	7.9
Detroit	89.3	87.5	87.7	348.8	351.9	356.3	239.8	225.0	218.0
Flint	6.5	6.1	5.9	28.7	28.4	28.9	28.2	26.9	27.3
Grand Rapids	11.0	11.0	10.9	50.6	52.0	53.5	30.6	29.0	28.7
Jackson	1.6	1.6	1.6	9.8	9.6	9.4	8.5	8.0	8.1
Kalamazoo-Portage	4.0	4.0	4.0	22.3	21.8	21.8	19.9	19.4	19.1
Lansing-East Lansing	9.5	9.5	9.7	30.2	29.9	30.4	65.4	65.6	65.3
Muskegon-Norton Shores-Muskegon Heights	1.4	1.5	1.4	10.4	10.7	10.2	10.1	9.7	9.6
Saginaw	4.0	3.9	3.8	13.9	14.3	14.3	11.3	10.6	11.0
Minnesota	97.8	98.2	100.8	379.9	380.6	392.1	299.0	289.4	286.8
Duluth-Superior	2.2	2.1	2.0	13.8	13.4	13.3	11.6	11.5	11.3
Minneapolis-St. Paul	73.1	73.2	75.2	246.4	248.0	257.3	157.1	151.8	150.7
Rochester	1.5	1.5	1.6	19.8	20.2	20.3	5.7	5.2	5.1
St. Cloud	2.0	2.0	2.0	10.4	10.5	10.6	11.1	10.9	10.6
Mississippi	32.8	32.9	33.7	121.0	122.1	124.8	185.9	180.0	180.8
Jackson	11.3	11.3	11.5	29.8	30.0	30.2	33.9	33.7	34.3
Missouri	108.5	108.9	110.1	403.3	405.1	410.5	326.6	328.2	328.2
Kansas City	44.1	44.8	46.9	132.8	134.1	135.3	91.7	88.7	87.8
St. Joseph	1.9	2.0	2.0	7.0	7.6	7.7	5.9	6.0	5.8
St. Louis	58.0	59.4	59.4	223.7	226.1	231.2	135.2	137.0	136.4
Springfield	3.5	3.8	3.8	19.6	20.1	21.4	11.8	11.6	11.6
Montana	12.9	12.8	13.0	56.1	56.3	57.3	69.3	67.4	68.2
Nebraska	41.2	41.4	41.7	120.1	122.7	125.8	129.7	129.3	132.4
Lincoln	7.0	7.1	7.0	17.6	18.1	18.6	28.8	27.9	27.9
Omaha	23.8	23.8	24.1	60.6	62.2	64.3	41.8	41.5	42.1
Nevada	18.3	17.9	18.6	173.7	174.8	178.8	57.1	58.2	58.0
Las Vegas	10.4	10.3	10.7	107.2	107.8	111.0	26.4	27.5	27.3
Reno	6.1	6.1	6.2	43.6	43.8	43.8	16.1	16.5	16.5
New Hampshire	20.6	21.0	21.5	76.8	79.5	84.8	56.7	55.9	55.6
Manchester	6.2	6.3	6.3	18.3	16.8	18.2	8.4	8.4	8.5
Nashua	2.0	2.1	2.3	10.3	11.1	11.9	5.5	5.5	5.4
New Jersey	161.8	167.1	172.3	638.5	662.1	692.4	529.0	526.0	528.2
Atlantic City	5.0	5.0	4.9	41.4	44.7	47.3	16.6	16.8	16.8
Camden	17.6	17.3	18.2	70.2	73.2	77.0	66.9	67.9	69.5
Hackensack	18.1	18.9	19.9	76.6	79.9	83.5	43.0	43.1	43.4
Jersey City	8.4	8.1	8.3	32.5	33.6	34.3	41.5	40.7	40.4
Long Branch-Asbury Park	7.9	8.0	8.1	43.2	45.0	46.1	36.8	36.9	36.7
New Brunswick-Perth Amboy-Sayreville	11.9	13.4	13.9	43.0	45.9	48.2	46.8	47.0	48.0
Newark	64.9	66.9	68.6	200.7	207.1	219.9	145.2	144.4	143.5
Paterson-Clifton-Passaic	9.5	9.6	9.5	34.6	34.7	35.7	25.3	24.9	25.3
Trenton	8.0	7.9	7.9	42.1	42.4	44.6	46.1	46.7	47.4
Vineland-Millville-Bridgeton	2.5	2.7	2.6	8.7	8.8	9.2	11.2	10.6	10.6
New Mexico	21.5	21.9	23.1	94.1	95.5	99.4	125.8	125.6	127.2
Albuquerque	10.9	11.0	11.7	45.5	47.2	49.9	43.0	42.1	43.2
Las Cruces	1.2	1.2	1.3	4.1	4.2	4.5	13.5	14.1	14.4

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
New York	7,287.3	7,254.6	7,285.3	6.4	6.5	7.0	213.2	219.6	227.9
Albany-Schenectady-Troy	340.2	337.9	339.4	()	()	()	10.5	10.4	10.8
Binghamton	117.9	117.5	116.9	()	()	()	3.7	4.0	4.1
Buffalo	495.4	472.4	463.9	()	()	()	16.2	15.3	14.6
Elmira	36.9	34.5	33.6	()	()	()	1.0	.9	1.0
Glens Falls	38.9	38.7	38.9	()	()	()	1.0	1.0	1.0
Monroe County	343.5	346.0	340.2	()	()	()	9.7	9.4	9.4
Nassau-Suffolk	929.3	947.9	976.4	()	()	()	35.7	38.3	40.8
Newburgh-Middletown	80.8	80.9	82.3	()	()	()	2.3	2.2	2.4
New York-Northeastern New Jersey	6,791.0	6,786.1	6,845.4	2.3	2.4	2.4	203.3	207.2	213.6
New York and Nassau-Suffolk	4,738.6	4,747.5	4,781.0	2.0	2.0	2.2	137.0	143.1	148.9
New York SMSA	3,809.3	3,799.6	3,804.5	1.7	1.7	2.0	101.3	104.8	108.1
New York City	3,357.2	3,345.1	3,344.2	1.5	1.5	1.7	82.6	85.4	87.2
Poughkeepsie	100.5	103.8	105.6	()	()	()	2.6	3.1	3.6
Rochester	420.4	422.5	417.5	()	()	()	11.6	11.2	11.5
Rockland County	82.3	84.2	86.2	()	()	()	2.7	2.7	2.9
Syracuse	259.7	259.7	262.8	()	()	()	10.2	12.5	13.2
Utica-Rome	114.2	112.3	111.3	()	()	()	2.9	2.7	2.7
Westchester County	357.4	357.5	361.0	()	()	()	15.4	16.1	17.3
North Carolina	2,391.6	2,347.0	2,402.2	4.9	4.6	4.4	115.6	106.8	111.7
Asheville	71.9	70.8	71.0	()	()	()	3.1	2.7	2.6
Charlotte-Gastonia	341.3	337.7	344.3	()	()	()	18.5	16.4	17.3
Greensboro-Winston-Salem-High Point	390.8	382.7	391.0	()	()	()	17.1	16.3	17.2
Raleigh-Durham	278.8	282.0	293.0	()	()	()	14.1	14.4	16.1
North Dakota	249.4	249.7	249.4	10.9	9.4	6.9	15.0	15.7	17.4
Fargo-Moorhead	61.3	61.1	62.1	()	()	()	()	2.6	2.8
Ohio	4,317.6	4,124.2	4,083.8	30.7	30.3	26.6	153.7	134.6	128.6
Akron	259.6	248.8	245.0	()	()	()	7.7	7.0	6.8
Canton	156.6	148.6	143.6	()	()	()	5.1	4.6	4.2
Cincinnati	592.2	575.3	573.7	()	()	()	22.2	20.4	20.0
Cleveland	880.7	844.6	826.0	()	()	()	27.6	25.0	24.9
Columbus	506.6	495.1	500.0	()	()	()	17.7	14.5	15.3
Dayton	352.5	336.3	335.4	()	()	()	11.6	9.2	9.1
Toledo	290.9	281.9	281.0	()	()	()	12.3	10.9	10.0
Youngstown-Warren	198.7	180.6	177.6	()	()	()	6.4	5.3	4.8
Oklahoma	1,201.5	1,216.6	1,169.7	100.1	105.6	77.5	54.7	55.7	50.9
Enid	27.8	28.1	26.6	3.4	3.4	2.2	1.6	1.6	1.3
Lawton	29.8	31.8	32.3	()	()	()	1.4	1.4	1.4
Oklahoma City	420.4	432.3	423.0	27.7	30.4	22.9	19.4	19.5	18.9
Tulsa	321.5	317.3	302.8	26.8	27.5	22.9	15.6	15.2	14.7
Oregon	1,018.4	961.1	963.9	2.2	1.8	1.6	37.5	28.9	26.4
Eugene-Springfield	99.4	90.7	91.4	()	.2	.2	3.7	2.8	2.5
Medford	()	()	()	()	()	()	()	()	()
Portland	546.8	523.1	518.6	()	.9	.6	21.3	17.2	15.8
Salem	86.2	81.8	82.1	()	()	.1	3.5	2.5	2.3
Pennsylvania	4,728.9	4,580.1	4,518.8	45.4	45.7	39.3	180.7	168.1	166.1
Allentown-Bethlehem-Easton	263.8	253.7	248.4	()	.6	.7	8.2	7.7	7.6
Altoona	49.3	47.0	45.4	()	.1	.1	1.9	1.8	1.6
Delaware Valley	1,586.1	1,557.1	1,563.7	()	1.0	1.0	61.5	57.2	59.1
Erie	110.9	106.9	103.5	()	.2	.2	3.0	2.9	2.7
Harrisburg	224.0	221.4	223.2	()	.1	.1	7.9	7.6	7.3
Johnstown	82.0	77.7	73.3	7.3	7.0	5.7	2.6	2.4	2.0
Lancaster	153.7	150.5	152.2	()	.4	.4	6.4	5.9	6.1
Northeast Pennsylvania	239.7	233.1	232.4	1.1	1.0	.8	10.9	10.5	9.7
Philadelphia SMSA	1,928.0	1,904.4	1,922.1	()	1.1	1.1	74.2	69.5	72.1
Philadelphia City	777.3	753.7	747.4	()	()	()	20.0	17.8	17.4
Pittsburgh	941.6	890.5	857.5	8.8	8.6	6.7	43.6	41.5	38.2
Reading	138.6	134.8	135.8	()	.2	.2	4.7	4.4	4.3
Sharon	46.6	42.3	39.7	()	.4	.4	1.4	1.1	.9
State College	45.4	45.7	46.3	.4	.4	.4	1.5	1.3	1.3
Williamsport	46.0	44.6	43.3	()	.1	.2	1.3	1.1	1.0
York	155.9	150.4	148.3	()	.4	.4	6.3	5.8	5.6

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
New York	1,433.3	1,352.5	1,299.3	429.7	422.0	408.7	1,465.7	1,468.4	1,492.9
Albany-Schenectady-Troy	56.6	52.6	51.0	15.4	15.3	15.0	68.0	68.2	69.6
Binghamton	43.3	43.1	41.4	4.7	4.5	4.4	21.3	21.0	21.5
Buffalo	129.5	113.0	103.5	26.6	25.5	24.4	109.9	107.9	110.0
Elmira	11.1	9.0	8.0	1.3	1.4	1.3	8.7	8.4	8.5
Glens Falls	10.6	10.1	9.7	1.3	1.3	1.2	8.0	8.0	8.2
Monroe County	138.9	138.3	126.9	10.4	10.6	10.2	60.2	62.3	64.9
Nassau-Suffolk	169.0	167.6	167.8	40.3	41.9	42.8	240.9	247.0	256.8
Newburgh-Middletown	15.9	14.6	14.1	5.4	5.4	5.3	18.3	18.8	19.7
New York-Northeastern New Jersey	1,321.1	1,246.6	1,209.0	471.5	466.1	457.8	1,413.1	1,422.6	1,450.9
New York and Nassau-Suffolk	745.4	705.6	684.1	319.6	313.6	301.9	957.5	960.6	974.0
New York SMSA	576.4	538.0	516.2	279.2	271.8	259.1	716.6	713.5	717.3
New York City	485.1	450.8	432.1	255.8	248.1	236.0	611.6	607.0	608.1
Poughkeepsie	32.7	34.2	33.9	2.9	3.1	3.2	16.8	17.3	17.3
Rochester	159.0	157.9	146.0	12.8	13.1	12.8	77.5	79.4	82.6
Rockland County	15.5	15.5	15.6	3.4	3.5	3.5	17.9	18.4	19.0
Syracuse	59.5	55.8	55.1	14.4	14.4	14.6	56.8	57.3	58.2
Utica-Rome	29.5	27.7	26.4	4.0	4.1	4.1	22.6	22.5	22.6
Westchester County	74.5	70.2	67.2	19.5	19.6	19.0	84.0	85.0	86.9
North Carolina	820.7	782.2	788.6	116.8	114.7	119.5	476.6	482.7	504.2
Asheville	21.8	20.5	20.8	3.6	3.5	3.4	15.7	15.4	15.5
Charlotte-Gastonia	94.5	89.9	89.8	31.8	32.2	31.9	83.9	83.3	84.8
Greensboro-Winston-Salem-High Point	150.0	143.1	143.4	21.1	20.5	21.1	76.6	79.2	80.6
Raleigh-Durham	45.8	46.3	48.4	13.4	14.0	14.4	54.2	54.8	57.2
North Dakota	15.3	14.9	14.8	17.2	16.8	16.1	66.6	66.6	65.6
Fargo-Moorhead	4.6	4.5	4.4	4.0	3.9	3.8	18.4	18.2	18.5
Ohio	1,232.6	1,099.9	1,066.9	217.2	206.8	197.3	950.1	929.3	922.9
Akron	75.7	68.3	65.1	14.0	13.1	12.5	57.9	57.3	56.7
Canton	54.8	47.6	43.6	6.9	6.4	5.9	33.5	33.5	33.1
Cincinnati	157.3	146.3	140.7	33.3	32.4	31.1	140.3	138.8	139.6
Cleveland	246.8	223.0	207.6	44.8	43.0	41.0	200.5	195.2	192.4
Columbus	93.1	85.9	84.0	24.2	23.4	22.5	120.0	118.4	121.0
Dayton	97.8	87.6	86.2	13.2	13.1	12.6	73.5	71.9	71.6
Toledo	74.6	69.0	69.1	18.9	18.1	17.4	66.5	64.9	63.8
Youngstown-Warren	67.3	52.9	53.0	9.2	8.2	7.5	44.4	43.3	41.5
Oklahoma	200.2	180.8	166.1	70.2	70.7	66.8	277.3	289.4	283.9
Enid	3.1	2.7	2.4	2.8	2.8	2.7	7.3	7.6	7.4
Lawton	3.0	3.2	3.3	1.3	1.5	1.5	7.4	7.9	8.2
Oklahoma City	55.8	49.5	49.0	24.4	24.6	22.6	103.1	108.5	107.4
Tulsa	68.3	61.7	53.2	23.2	22.9	22.1	72.9	73.1	71.2
Oregon	202.7	185.7	187.0	59.3	56.8	55.0	253.5	238.7	242.4
Eugene-Springfield	18.9	16.8	17.4	5.0	4.6	4.3	25.1	22.6	23.2
Medford	7.2	6.3	7.5	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Portland	107.8	99.4	94.6	36.5	35.5	34.2	142.3	136.1	137.3
Salem	13.4	12.5	12.4	2.8	2.7	2.7	18.9	18.1	18.4
Pennsylvania	1,299.0	1,170.5	1,094.8	258.6	249.0	240.1	989.1	978.8	993.3
Allentown-Bethlehem-Easton	103.9	94.3	87.6	13.8	13.5	13.3	52.4	51.5	51.0
Altoona	12.6	11.5	10.7	6.5	5.6	4.9	10.7	10.5	10.7
Delaware Valley	359.3	331.9	318.0	81.8	79.4	78.9	334.1	331.4	340.9
Erie	40.9	37.6	34.1	4.9	4.6	4.3	21.9	21.4	21.5
Harrisburg	42.1	39.9	40.0	17.0	16.5	16.1	45.5	45.5	46.9
Johnstown	17.1	14.3	12.3	5.0	4.8	4.6	15.7	15.3	15.1
Lancaster	59.2	55.8	55.2	6.3	6.4	6.2	34.2	35.0	36.1
Northeast Pennsylvania	68.7	63.7	61.4	12.9	12.8	12.6	50.0	49.4	51.1
Philadelphia SMSA	431.2	401.1	387.8	96.7	94.7	92.7	422.3	423.2	436.8
Philadelphia City	129.2	115.3	109.3	51.3	49.2	47.2	144.4	139.3	142.9
Pittsburgh	237.5	194.8	166.9	55.2	52.7	51.1	212.4	206.1	205.3
Reading	52.9	49.7	49.6	6.3	6.1	5.7	28.0	27.5	28.4
Sharon	15.8	12.8	10.7	3.5	2.8	2.1	9.5	9.2	9.2
State College	7.7	7.5	7.3	1.1	1.1	1.1	8.3	8.6	8.9
Williamsport	16.0	15.6	13.9	2.2	2.1	2.0	9.8	9.2	9.4
York	64.7	59.7	56.0	7.5	7.2	6.9	33.1	33.0	34.1

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
New York	654.9	670.6	686.4	1,783.8	1,821.3	1,869.1	1,300.3	1,293.7	1,294.1
Albany-Schenectady-Troy	15.9	16.2	16.8	73.7	75.6	79.0	100.0	99.7	97.1
Binghamton	4.0	4.0	3.8	18.8	19.8	20.6	22.0	21.2	21.3
Buffalo	22.4	22.3	22.6	105.5	105.3	106.0	85.3	83.1	82.8
Elmira	1.1	1.1	1.1	7.2	7.5	7.4	6.3	6.2	6.3
Glens Falls	1.9	2.0	2.0	8.0	8.2	8.4	8.0	8.1	8.3
Monroe County	14.4	14.8	15.2	70.4	72.5	75.0	39.6	38.4	38.6
Nassau-Suffolk	52.8	54.4	57.4	216.3	226.9	238.6	174.3	171.8	172.2
Newburgh-Middletown	3.2	3.1	3.1	15.4	16.3	17.1	20.3	20.5	20.7
New York-Northeastern New Jersey	661.5	680.6	696.9	1,649.5	1,694.3	1,747.9	1,068.6	1,066.3	1,067.9
New York and Nassau-Suffolk	548.7	563.7	576.7	1,261.7	1,292.5	1,325.9	786.9	786.4	767.3
New York SMSA	495.9	509.3	519.2	1,045.6	1,065.8	1,087.5	592.6	594.6	595.1
New York City	472.9	485.6	493.8	933.2	949.6	966.8	514.5	517.1	518.5
Poughkeepsie	2.9	3.1	3.1	19.0	21.1	21.1	23.5	23.4	23.4
Rochester	16.0	16.3	16.9	82.7	85.2	88.1	60.7	59.4	59.8
Rockland County	2.6	2.9	3.4	19.1	19.9	21.2	21.1	21.3	20.7
Syracuse	16.5	16.9	17.3	54.0	55.1	57.0	48.3	47.7	47.4
Utica-Rome	5.5	5.6	5.9	21.1	21.3	21.7	28.6	28.4	27.9
Westchester County	19.8	20.4	21.6	90.5	93.3	96.3	53.8	53.0	52.7
North Carolina	98.1	97.8	100.5	353.0	357.9	365.5	403.7	400.3	407.6
Asheville	2.3	2.3	2.3	13.5	14.8	14.9	11.9	11.6	11.5
Charlotte-Gastonia	21.7	23.0	23.6	54.4	56.8	60.1	36.5	36.1	36.8
Greensboro-Winston-Salem-High Point	18.6	18.5	18.9	58.8	59.1	62.5	46.6	46.0	47.3
Raleigh-Durham	15.7	15.7	16.2	61.8	62.8	63.3	74.0	74.0	77.4
North Dakota	11.7	11.8	11.9	52.2	54.2	55.6	60.5	60.3	61.1
Fargo-Moorhead	3.8	3.8	3.9	14.4	15.3	15.8	13.1	12.8	12.9
Ohio	205.8	206.4	209.6	851.5	857.3	874.6	678.0	659.6	657.5
Akron	9.3	9.3	9.3	51.9	52.0	52.9	42.5	41.1	40.9
Canton	6.3	6.3	6.4	30.0	30.5	30.9	18.7	18.3	18.2
Cincinnati	32.6	32.3	32.7	123.8	124.3	129.6	82.4	80.5	79.7
Cleveland	48.2	48.4	48.8	191.8	192.2	194.9	119.7	116.7	115.4
Columbus	39.5	41.3	43.2	107.8	108.9	112.4	103.5	101.0	101.0
Dayton	13.5	13.5	13.8	73.9	74.2	75.8	68.7	66.6	66.0
Toledo	10.7	10.6	10.6	81.8	82.8	83.9	45.6	45.1	45.8
Youngstown-Warren	7.1	7.1	7.2	38.8	38.9	39.0	24.8	24.0	24.0
Oklahoma	58.8	61.2	62.2	204.5	216.0	217.0	235.7	237.2	245.3
Enid	1.2	1.2	1.3	4.7	5.0	5.4	3.7	3.8	3.9
Lawton	1.3	1.4	1.4	5.0	5.8	5.8	10.4	10.6	10.9
Oklahoma City	25.7	27.2	27.4	74.6	80.5	81.1	89.7	92.1	93.7
Tulsa	15.8	16.1	16.6	64.2	66.2	66.7	34.7	34.6	35.4
Oregon	68.5	64.9	64.8	192.1	188.6	193.9	202.6	195.5	193.0
Eugene-Springfield	5.3	4.5	4.5	(¹)	18.3	18.7	22.3	20.9	20.6
Medford	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Portland	45.5	43.7	43.3	(¹)	109.3	112.2	81.7	81.1	80.5
Salem	5.6	5.3	5.2	(¹)	14.8	15.0	26.9	25.9	26.0
Pennsylvania	240.8	239.6	242.2	1,011.8	1,048.0	1,070.7	703.4	682.5	672.3
Allentown-Bethlehem-Easton	9.6	9.6	9.8	(¹)	48.0	50.2	29.6	28.6	28.4
Altoona	1.5	1.5	1.5	(¹)	8.8	8.9	7.4	7.2	7.0
Delaware Valley	111.0	110.4	110.2	(¹)	420.4	435.4	230.7	225.6	222.2
Erie	4.8	4.8	4.7	(¹)	23.1	23.6	12.8	12.4	12.5
Harrisburg	12.8	12.8	12.9	(¹)	42.6	44.2	57.5	56.4	55.7
Johnstown	4.0	3.9	3.9	16.0	18.6	18.8	14.4	13.6	12.9
Lancaster	5.7	5.6	5.7	(¹)	27.5	28.3	14.7	13.9	14.3
Northeast Pennsylvania	10.0	9.9	9.8	47.8	49.5	50.9	38.3	36.3	36.1
Philadelphia SMSA	128.4	127.7	128.3	(¹)	494.0	511.6	298.2	293.2	291.8
Philadelphia City	66.5	65.2	63.8	(¹)	225.7	228.7	143.4	141.1	138.0
Pittsburgh	47.0	47.2	48.2	221.8	228.8	231.8	115.4	111.0	109.3
Reading	6.4	6.2	6.2	(¹)	24.5	25.6	16.5	16.1	15.9
Sharon	1.4	1.3	1.3	(¹)	9.4	9.9	5.5	5.2	5.2
State College	1.3	1.4	1.4	5.9	6.4	6.8	19.2	19.0	19.1
Williamsport	2.2	2.1	2.1	(¹)	8.2	8.7	8.4	6.1	6.0
York	4.1	4.0	4.1	(¹)	22.6	23.8	18.0	17.7	17.7

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Rhode Island	401.4	390.5	393.2	(¹)	0.2	0.1	11.7	10.9	11.4
Providence-Warwick-Pawtucket	407.4	395.6	395.4	(¹)	.2	.2	11.8	11.4	11.2
South Carolina	1,196.4	1,162.2	1,182.4	1.9	1.7	1.7	70.5	64.6	69.2
Charleston-North Charleston	153.8	150.6	153.6	(¹)	(¹)	(¹)	10.7	10.7	10.1
Columbia	180.0	181.0	187.0	(¹)	(¹)	(¹)	8.6	9.2	11.5
Greenville-Spartanburg	267.1	259.2	261.6	(¹)	(¹)	(¹)	17.2	15.8	16.0
South Dakota	236.0	230.2	233.1	2.9	2.3	2.6	9.7	8.2	8.3
Sioux Falls	54.1	53.8	56.1	(¹)	(¹)	(¹)	(¹)	2.0	2.3
Tennessee	1,757.1	1,705.8	1,720.0	10.0	9.2	8.0	76.2	72.2	69.5
Chattanooga	171.2	164.6	164.5	1.3	1.3	1.2	6.0	5.6	5.7
Johnson City-Kingsport-Bristol	(¹)	141.6	143.9	(¹)	(¹)	(¹)	(¹)	6.9	6.7
Knoxville	205.1	207.8	201.5	1.6	1.6	1.4	9.7	9.0	8.4
Memphis	359.4	349.2	351.8	.2	.1	.1	14.4	12.4	13.3
Nashville-Davidson	370.5	366.3	377.0	(¹)	(¹)	(¹)	17.5	18.3	18.6
Texas	6,179.8	6,263.1	6,174.2	296.1	303.2	262.7	429.1	431.1	420.3
Abilene	59.9	59.8	58.2	5.8	5.3	4.3	3.1	3.2	3.0
Amarillo	76.1	76.1	77.2	(¹)	(¹)	(¹)	4.1	3.8	3.9
Austin	259.5	270.6	282.8	(¹)	(¹)	(¹)	15.0	15.0	17.1
Beaumont-Port Arthur-Orange	157.2	148.8	141.1	(¹)	(¹)	(¹)	12.9	12.0	10.1
Brownsville-Harlingen-San Benito	64.5	64.2	62.2	(¹)	(¹)	(¹)	4.3	4.1	3.6
Bryan-College Station	40.5	44.4	44.8	1.6	1.5	1.1	2.7	3.1	2.9
Corpus Christi	133.3	136.9	128.9	8.6	9.1	7.4	12.7	13.7	11.3
Dallas-Fort Worth	1,515.6	1,539.1	1,580.5	30.2	31.4	29.0	82.6	86.2	95.4
El Paso	169.9	167.8	163.5	(¹)	(¹)	(¹)	8.7	8.1	8.5
Galveston-Texas City	71.1	69.4	67.9	(¹)	(¹)	(¹)	5.6	4.3	4.2
Houston	1,577.5	1,599.3	1,503.4	106.9	112.2	98.7	151.0	149.2	137.0
Killeen-Temple	58.2	59.3	59.6	(¹)	(¹)	(¹)	3.5	3.1	3.4
Laredo	34.7	34.6	29.6	(¹)	(¹)	(¹)	1.4	1.7	1.3
Longview-Marshall	70.5	70.8	67.2	(¹)	(¹)	(¹)	4.6	5.0	4.9
Lubbock	89.1	90.6	91.4	(¹)	(¹)	(¹)	3.9	3.9	4.2
McAllen-Pharr-Edinburg	75.6	80.2	77.9	1.7	1.7	1.4	4.9	5.8	5.2
Midland	50.3	53.9	51.0	12.8	13.6	12.2	3.8	4.3	3.6
Odessa	60.5	61.8	55.5	9.3	9.3	8.7	5.4	5.9	4.3
San Angelo	36.3	37.6	37.3	.9	1.1	.9	2.1	2.4	2.5
San Antonio	414.7	423.5	434.6	3.2	3.3	3.4	27.1	27.6	30.8
Sherman-Denison	36.6	35.0	34.2	.2	.3	.2	1.5	1.4	1.3
Texarkana	44.1	44.6	45.6	.1	.1	.1	1.8	1.9	1.9
Tyler	56.1	56.9	57.2	3.9	3.5	3.1	2.7	2.4	2.6
Waco	72.6	71.6	73.5	(¹)	(¹)	(¹)	3.5	3.5	3.8
Wichita Falls	55.6	54.5	52.0	3.9	3.7	3.2	2.3	2.3	2.0
Utah	558.0	560.9	566.3	20.3	18.2	13.9	28.3	26.9	28.6
Salt Lake City-Ogden	393.2	396.2	402.4	8.1	6.8	5.9	18.8	17.7	19.1
Vermont	204.3	202.9	205.0	.6	.7	.6	11.0	9.9	10.9
Burlington	60.0	60.8	62.2	(¹)	(¹)	(¹)	(¹)	3.0	3.3
Springfield	14.7	13.7	12.9	(¹)	(¹)	(¹)	(¹)	.8	1.1
Virginia	2,160.8	2,146.4	2,195.5	21.7	22.1	17.5	116.3	103.8	112.7
Bristol	27.1	26.8	26.5	(¹)	(¹)	.1	.9	.9	.9
Charlottesville	55.1	54.9	57.3	(¹)	(¹)	.1	2.4	2.2	2.8
Danville	40.1	38.8	39.6	(¹)	(¹)	.1	1.3	1.2	1.4
Lynchburg	70.8	69.4	69.1	(¹)	(¹)	.1	2.7	2.6	2.5
Newport News-Hampton	150.8	151.3	157.7	(¹)	(¹)	.1	6.9	6.4	7.0
Norfolk-Virginia Beach-Portsmouth	290.4	290.9	301.6	(¹)	(¹)	.1	16.4	16.2	19.0
Northern Virginia	468.8	479.2	504.1	.4	.5	.5	28.4	23.9	27.6
Petersburg-Colonial Heights-Hopewell	44.9	43.2	41.3	(¹)	(¹)	.1	1.8	1.6	1.7
Richmond	329.2	326.4	332.2	.3	.3	.3	17.7	16.1	15.9
Roanoke	103.2	101.3	102.0	.2	.1	.1	4.9	4.6	5.1
Washington	1,612.0	1,568.8	1,579.4	3.1	3.0	2.7	90.3	76.2	71.7
Seattle-Everett	775.2	766.0	767.8	(¹)	.4	.4	37.2	33.8	33.6

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Rhode Island	127.7	116.6	115.3	13.1	13.2	13.1	81.0	80.5	82.6
Providence-Warwick-Pawtucket	141.0	128.5	125.2	13.0	13.3	13.2	80.5	79.9	82.4
South Carolina	390.2	364.5	362.0	54.0	53.6	54.0	232.0	230.8	237.2
Charleston-North Charleston	21.1	19.2	18.7	9.0	8.9	8.4	33.6	34.2	35.7
Columbia	27.3	25.7	25.4	9.6	9.7	9.3	37.6	38.0	39.1
Greenville-Spartanburg	103.1	97.7	97.2	9.9	9.5	9.5	54.2	53.3	54.2
South Dakota	25.9	24.8	25.7	12.8	12.5	12.3	63.9	61.9	61.6
Sioux Falls	7.5	7.5	8.1	4.6	4.6	4.4	15.9	15.2	15.4
Tennessee	508.6	469.5	470.0	86.7	84.0	83.6	379.9	380.5	389.8
Chattanooga	48.4	44.4	43.1	7.7	7.6	7.3	36.5	35.1	36.5
Johnson City-Kingsport-Bristol	(¹)	51.7	51.5	(²)	6.0	5.9	(³)	27.9	28.9
Knoxville	51.5	49.0	48.4	8.5	8.6	7.5	44.0	47.7	46.2
Memphis	59.5	53.9	50.9	27.6	26.6	26.9	97.4	96.5	97.5
Nashville-Davidson	84.1	79.1	80.4	20.3	19.8	20.0	85.2	87.1	88.3
Texas	1,115.3	1,045.2	961.3	382.3	385.8	387.9	1,511.2	1,554.1	1,552.8
Abilene	6.2	6.4	6.7	3.2	3.3	3.2	16.6	16.2	15.0
Amarillo	10.3	9.9	9.5	6.9	6.6	6.5	22.7	22.6	23.0
Austin	33.4	32.7	33.5	7.9	8.0	7.9	56.2	61.8	63.8
Beaumont-Port Arthur-Orange	42.6	35.5	32.3	12.6	12.2	11.7	34.8	34.6	33.0
Brownsville-Harlingen-San Benito	11.8	11.3	10.9	3.3	3.6	3.2	18.5	18.4	17.1
Bryan-College Station	3.2	3.3	3.0	1.7	1.8	1.7	8.1	9.6	10.1
Corpus Christi	16.8	15.6	14.1	7.8	8.1	7.4	33.1	33.5	32.0
Dallas-Fort Worth	331.5	315.8	307.6	98.2	98.0	95.8	401.5	412.9	426.5
El Paso	41.1	38.4	35.5	10.5	10.7	9.8	41.0	41.8	40.0
Galveston-Texas City	12.3	11.8	10.7	6.6	6.5	5.9	13.6	13.6	12.7
Houston	268.3	248.6	201.5	109.5	111.4	104.2	374.5	384.4	385.5
Killeen-Temple	8.2	7.9	8.1	3.4	3.2	3.0	13.1	13.9	14.0
Laredo	2.2	2.0	1.8	4.0	3.9	3.2	12.2	12.1	9.0
Longview-Marshall	19.3	17.4	14.9	4.0	3.9	3.7	16.8	17.7	16.9
Lubbock	12.3	11.9	11.6	5.0	5.0	4.6	26.3	26.5	26.2
McAllen-Pharr-Edinburg	10.5	10.4	10.0	2.7	2.7	2.6	24.1	26.8	24.9
Midland	4.8	4.5	3.8	2.8	2.9	2.7	11.3	12.3	11.9
Odessa	9.4	8.3	6.3	2.8	3.2	2.9	16.9	17.5	15.8
San Angelo	6.3	6.2	5.7	3.6	3.8	3.8	8.7	8.9	9.0
San Antonio	52.5	50.5	48.9	18.6	18.4	17.8	106.2	108.5	110.7
Sherman-Denison	12.9	11.7	11.3	2.5	2.3	2.0	7.3	7.2	7.1
Texarkana	8.6	8.5	8.6	2.4	2.2	1.9	10.2	10.4	10.6
Tyler	13.3	12.2	11.6	2.7	2.7	2.8	13.6	14.7	14.5
Waco	16.7	15.0	15.3	3.5	3.4	3.1	17.4	17.8	18.5
Wichita Falls	11.0	10.0	8.7	2.8	3.0	2.7	13.4	13.3	13.1
Utah	89.6	85.7	85.3	34.2	35.4	35.9	130.6	132.0	133.2
Salt Lake City-Ogden	61.5	59.5	58.6	26.6	27.7	28.4	97.1	97.9	99.1
Vermont	51.3	48.6	47.4	8.6	8.7	8.7	42.8	43.0	43.2
Burlington	15.8	16.0	15.6	2.4	2.4	2.5	12.6	12.9	13.1
Springfield	6.1	5.0	4.0	.6	.7	.6	2.3	2.3	2.3
Virginia	414.0	397.2	400.3	117.6	119.0	119.2	460.4	462.4	475.6
Bristol	9.4	9.0	8.6	1.0	1.1	1.1	6.3	6.4	6.5
Charlottesville	9.7	9.4	10.1	1.9	1.9	1.9	9.5	9.7	9.7
Danville	19.3	18.5	18.8	.9	.9	1.0	7.3	7.1	7.3
Lynchburg	28.4	26.6	26.3	2.8	2.9	2.9	12.2	12.1	12.3
Newport News-Hampton	35.3	35.9	38.4	5.0	4.9	4.7	29.3	30.7	31.8
Norfolk-Virginia Beach-Portsmouth	29.3	27.1	25.8	19.7	19.7	19.8	71.1	71.0	74.4
Northern Virginia	20.5	22.2	24.6	32.8	33.8	35.0	110.9	110.4	115.0
Petersburg-Colonial Heights-Hopewell	10.4	9.3	7.8	1.3	1.3	1.2	8.6	8.1	8.2
Richmond	56.6	55.0	54.9	19.9	19.9	19.3	77.0	77.6	80.5
Roanoke	21.1	19.7	19.6	9.6	9.3	8.2	24.9	25.0	25.8
Washington	305.2	289.0	276.8	90.2	89.0	87.6	388.2	385.4	394.3
Seattle-Everett	168.7	161.4	149.0	51.5	52.4	52.1	186.4	190.3	193.1

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Rhode Island	21.0	21.2	21.4	(¹)	90.1	92.5	58.5	57.8	56.8
Providence-Warwick-Pawtucket	20.9	20.7	20.8	(¹)	86.5	88.8	55.9	55.1	53.6
South Carolina	48.7	48.9	50.9	186.3	169.8	177.0	233.0	226.1	230.4
Charleston-North Charleston	6.7	6.8	7.2	(¹)	26.0	27.1	47.1	44.8	46.3
Columbia	14.3	14.3	14.8	(¹)	30.2	31.4	54.7	53.6	55.2
Greenville-Spartanburg	9.9	10.1	10.6	37.3	38.2	38.9	35.1	34.2	35.0
South Dakota	11.4	11.8	12.4	51.6	52.0	53.3	57.8	56.6	56.9
Sioux Falls	3.5	4.0	4.6	13.6	14.0	14.8	6.7	6.6	6.6
Tennessee	79.6	79.9	80.8	304.4	313.1	321.5	311.7	297.5	296.9
Chattanooga	10.0	10.1	9.8	29.8	29.7	30.1	31.5	30.8	30.8
Johnson City-Kingsport-Bristol	(¹)	4.5	4.5	(¹)	21.8	22.1	(¹)	22.8	24.0
Knoxville	8.8	8.9	8.5	34.3	38.5	36.9	46.7	44.5	44.2
Memphis	19.9	19.4	20.4	76.8	77.9	80.2	63.6	62.3	62.4
Nashville-Davidson	25.1	25.6	26.8	77.0	75.6	82.2	61.3	60.8	61.0
Texas	351.0	369.6	391.4	1,094.0	1,150.5	1,178.2	1,000.8	1,023.6	1,039.6
Abilene	2.8	3.0	3.2	13.0	13.2	13.4	9.2	9.2	9.4
Amarillo	3.8	4.0	4.2	15.9	16.4	16.5	12.4	12.8	13.6
Austin	15.9	17.1	18.2	50.2	54.7	58.0	60.9	61.3	64.3
Beaumont-Port Arthur-Orange	5.6	5.7	5.6	28.7	28.9	28.6	20.0	19.9	19.8
Brownsville-Harlingen-San Benito	2.9	3.1	3.1	9.7	11.0	11.0	14.0	12.7	13.3
Bryan-College Station	1.4	1.8	1.9	5.5	6.2	6.4	16.8	17.1	17.7
Corpus Christi	6.2	6.5	6.5	22.3	24.3	23.8	25.8	26.1	26.4
Dallas-Fort Worth	113.6	118.3	127.4	277.7	295.7	314.7	180.3	180.8	164.1
El Paso	7.6	7.8	7.8	27.2	27.9	28.0	33.8	33.1	33.9
Galveston-Texas City	4.5	4.5	4.5	11.3	11.2	11.2	17.2	17.4	18.7
Houston	94.0	100.8	104.9	306.2	318.9	312.1	167.1	173.8	179.5
Killeen-Temple	2.2	2.3	2.3	10.5	10.8	10.9	17.3	18.1	17.9
Laredo	1.3	1.5	1.4	6.3	6.5	5.9	7.3	6.9	7.0
Longview-Marshall	2.5	2.7	2.9	15.8	16.5	15.9	7.5	7.6	8.0
Lubbock	4.8	4.9	5.2	17.5	18.3	19.2	19.3	20.1	20.4
McAllen-Pharr-Edinburg	2.7	2.9	3.1	9.7	10.7	11.0	19.6	19.2	19.7
Midland	2.6	3.2	3.6	7.7	8.2	8.3	4.5	4.9	5.1
Odessa	2.0	2.4	2.4	8.2	8.7	8.1	6.5	6.5	7.0
San Angelo	1.5	1.5	1.5	6.8	7.4	7.4	6.4	6.3	6.5
San Antonio	27.6	29.3	31.3	85.9	90.7	93.8	93.6	95.2	97.9
Sherman-Denison	1.3	1.2	1.3	6.0	6.1	6.2	4.9	4.8	4.8
Texarkana	1.6	1.6	1.7	7.5	7.7	8.1	12.1	12.5	12.7
Tyler	2.7	3.0	3.2	10.8	11.1	11.6	7.2	7.3	7.8
Waco	4.5	4.5	4.5	15.8	16.1	16.8	11.2	11.3	11.5
Wichita Falls	2.4	2.5	2.5	8.9	8.9	9.1	10.9	10.8	10.7
Utah	26.3	26.6	28.1	(¹)	109.7	112.6	125.1	126.4	126.6
Salt Lake City-Ogden	21.1	21.5	23.1	(¹)	74.8	77.1	89.1	90.2	91.1
Vermont	8.3	8.5	8.9	45.7	47.5	49.1	36.2	36.0	36.2
Burlington	(¹)	2.6	2.6	(¹)	13.7	14.6	(¹)	10.2	10.5
Springfield	(¹)	.3	.4	(¹)	2.8	2.8	(¹)	1.8	1.7
Virginia	106.1	106.9	109.7	418.3	434.8	457.5	506.6	500.1	503.1
Bristol .....	.9	.9	.9	(¹)	(¹)	3.4	5.0	5.0	5.0
Charlottesville	2.5	2.6	2.7	(¹)	(¹)	9.1	21.2	20.6	20.9
Danville	1.2	1.1	1.1	(¹)	(¹)	5.1	5.0	5.0	5.0
Lynchburg	3.3	3.2	3.2	(¹)	(¹)	12.4	9.9	9.9	9.4
Newport News-Hampton	4.8	4.6	4.7	(¹)	(¹)	32.3	39.5	38.1	38.7
Norfolk-Virginia Beach-Portsmouth	15.0	15.0	15.5	(¹)	(¹)	66.1	79.5	79.7	81.0
Northern Virginia	28.6	29.3	30.5	126.7	136.4	147.2	120.4	122.7	123.6
Petersburg-Colonial Heights-Hopewell	1.2	1.2	1.2	(¹)	(¹)	6.9	14.7	14.5	14.2
Richmond	26.7	27.0	27.4	60.0	60.8	63.2	71.1	69.8	70.8
Roanoke	6.1	6.1	6.2	21.0	21.5	22.2	15.4	14.9	14.8
Washington	92.3	90.7	92.2	316.5	316.9	326.6	326.4	318.5	327.3
Seattle-Everett	57.3	56.9	57.6	(¹)	155.1	162.1	118.3	115.7	119.7

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued

(In thousands)

State and area	Total			Mining			Construction		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
West Virginia	628.5	607.8	581.1	59.0	63.5	49.1	30.3	24.4	21.5
Charleston	110.6	108.3	104.5	5.8	5.8	4.2	5.7	4.9	4.5
Huntington-Ashland	102.5	97.8	92.6	1.2	1.1	.8	5.4	5.0	4.4
Parkersburg-Marietta	58.9	56.8	55.9	1.3	1.4	1.2	3.3	2.7	2.5
Wheeling	64.0	61.6	58.4	4.5	4.7	3.4	2.6	2.3	2.0
Wisconsin	1,923.2	1,866.7	1,848.9	2.4	1.9	2.2	64.8	56.9	55.0
Appleton-Oshkosh	125.9	124.0	125.5	(¹)	(¹)	(¹)	5.3	4.8	4.7
Eau Claire	48.4	48.1	48.5	(¹)	(¹)	(¹)	1.8	1.6	1.4
Green Bay	78.6	79.4	78.9	(¹)	(¹)	(¹)	3.0	2.8	2.8
Janesville-Beloit	51.1	48.4	50.0	(¹)	(¹)	(¹)	1.6	1.3	1.2
Kenosha	41.7	41.1	42.2	(¹)	(¹)	(¹)	1.7	1.4	1.3
La Crosse	45.6	44.9	45.4	(¹)	(¹)	(¹)	1.5	1.3	1.3
Madison	171.3	170.5	172.9	(¹)	(¹)	(¹)	6.1	5.4	5.7
Milwaukee	659.3	635.8	617.4	(¹)	(¹)	(¹)	18.8	16.4	15.1
Racine	67.6	63.3	62.6	(¹)	(¹)	(¹)	1.5	1.3	1.1
Sheboygan	43.6	41.5	40.9	(¹)	(¹)	(¹)	1.5	1.3	1.5
Wausau	41.0	40.3	41.0	(¹)	(¹)	(¹)	1.5	1.3	1.2
Wyoming	223.5	217.7	203.4	38.5	34.6	28.6	21.0	20.0	16.5
Puerto Rico	679.7	641.6	640.8	.8	.8	.7	33.8	25.5	23.5
Caguas	(¹)	23.5	25.8	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Mayaguez	(¹)	35.7	36.7	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Ponce	(¹)	44.2	43.4	(¹)	(¹)	(¹)	2.5	1.5	1.7
San Juan	(¹)	334.8	330.2	(¹)	(¹)	(¹)	23.3	18.7	16.6
Virgin Islands	37.7	36.5	35.7	(¹)	(¹)	(¹)	(¹)	3.2	2.4

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
West Virginia	111.5	98.1	89.8	41.9	41.7	39.1	131.9	127.9	126.3
Charleston	16.6	16.0	14.4	9.5	9.2	8.8	26.2	25.7	25.7
Huntington-Ashland	24.6	21.9	19.2	9.5	8.9	8.0	24.4	23.7	23.1
Parkersburg-Manetta	16.6	15.2	14.5	2.5	2.3	2.1	13.0	13.1	13.3
Wheeling	11.8	9.8	8.6	3.6	3.6	3.5	15.1	14.8	14.7
Wisconsin	543.5	498.2	483.2	92.3	89.4	85.2	432.4	428.9	426.5
Appleton-Oshkosh	47.0	44.8	45.3	4.4	4.5	4.6	26.1	26.3	26.4
Eau Claire	9.2	9.0	8.9	2.7	2.6	2.6	12.8	13.0	13.3
Green Bay	21.6	21.4	20.9	5.9	5.8	5.8	20.0	21.1	21.2
Janesville-Beloit	19.1	16.2	17.6	2.1	2.0	2.1	11.4	11.6	11.8
Kenosha	15.6	15.0	16.7	1.3	1.3	1.1	8.3	8.1	7.9
La Crosse	10.7	10.2	10.0	2.4	2.2	2.1	12.1	12.0	12.2
Madison	20.3	19.1	18.9	6.3	6.1	5.8	37.0	36.0	36.7
Milwaukee	197.0	175.9	161.9	34.4	33.5	32.0	141.4	139.6	138.7
Racine	27.8	23.9	23.4	2.3	2.3	2.3	13.9	13.9	13.6
Sheboygan	18.5	17.4	16.9	1.4	1.4	1.3	8.2	8.0	7.7
Wausau	11.7	10.7	11.0	2.2	2.1	2.1	9.5	9.9	10.2
Wyoming	9.9	9.1	8.2	18.3	17.8	16.4	50.3	49.0	44.4
Puerto Rico	153.1	142.7	143.2	16.3	14.5	15.3	113.2	108.1	105.2
Caguas	(¹)	8.8	8.2	(¹)	(¹)	(¹)	5.2	4.9	5.3
Mayaguez	(¹)	12.9	13.6	(¹)	(¹)	(¹)	5.5	4.9	5.1
Ponce	(¹)	9.8	9.1	(¹)	(¹)	(¹)	7.7	7.1	7.0
San Juan	(¹)	32.4	31.6	12.3	11.2	11.7	72.6	68.8	67.1
Virgin Islands	3.1	2.7	2.5	2.1	2.1	2.2	7.6	7.4	7.3

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
ANNUAL AVERAGES**

1. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
West Virginia	22.1	22.1	22.1	101.7	103.4	105.3	130.2	126.8	127.9
Charleston	5.1	5.0	5.2	20.8	21.2	21.3	20.7	20.5	20.4
Huntington-Ashland	3.8	3.7	3.6	15.5	15.4	15.2	18.2	18.2	18.4
Parkersburg-Marietta	2.0	2.0	2.0	10.5	10.5	10.9	9.7	9.6	9.5
Wheeling	2.8	2.8	2.7	14.1	14.5	14.4	9.4	9.1	9.1
Wisconsin	95.0	95.8	97.2	374.9	381.4	385.8	318.0	314.1	313.9
Appleton-Oshkosh	5.6	5.6	6.0	21.0	21.9	22.5	16.6	16.1	16.1
Eau Claire	1.7	1.7	1.7	9.9	10.3	10.3	10.4	10.1	10.3
Green Bay	2.6	2.6	2.6	15.5	15.8	16.0	10.1	9.9	9.6
Janesville-Beloit	1.4	1.4	1.4	8.9	9.3	9.5	6.8	6.7	6.5
Kenosha	1.0	1.0	1.0	7.9	7.9	8.0	6.0	6.3	6.1
La Crosse	1.2	1.3	1.4	10.7	11.2	11.8	7.1	6.9	6.6
Madison	13.5	13.5	13.3	32.2	33.8	34.8	55.8	54.7	55.7
Milwaukee	40.3	41.5	42.0	144.3	147.4	148.5	83.1	81.6	79.1
Racine	2.1	2.1	2.1	11.4	11.7	12.1	8.5	8.0	8.0
Sheboygan	1.7	1.7	1.7	7.1	6.8	6.6	5.2	5.0	5.1
Wausau	4.0	3.9	3.9	6.5	6.8	6.9	5.6	5.6	6.0
Wyoming	7.7	7.8	7.7	33.3	33.4	32.9	44.5	46.0	48.8
Puerto Rico	28.2	28.8	28.3	89.8	84.7	85.9	244.6	236.7	238.9
Caguas	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	9.7	9.0	8.8
Mayaguez	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	12.9	12.7	12.7
Ponce	(¹)	(¹)	(¹)	7.0	7.1	7.0	17.2	16.2	15.7
San Juan	21.2	22.0	21.7	(¹)	57.9	58.3	126.8	123.4	122.9
Virgin Islands	1.6	1.6	1.4	5.9	6.0	5.9	13.9	13.5	14.0

- ¹ Combined with services.
- ² Not available.
- ³ Less than 50 employees.
- ⁴ Combined with construction.

NOTE: Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 1983 benchmarks except Wisconsin.

**ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
ANNUAL AVERAGES**

2. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Alabama	39.9	38.5	40.7	\$7.01	\$7.33	\$7.58	\$279.70	\$282.20	\$308.51
Birmingham	39.8	37.8	40.1	7.90	8.05	7.92	314.42	304.29	344.21
Mobile	40.9	39.3	41.4	8.89	9.44	9.69	363.60	370.99	401.17
Alaska	40.0	38.6	36.2	11.42	11.74	12.34	456.80	453.16	446.71
Arizona	39.6	38.9	40.5	8.02	8.73	8.99	317.59	339.60	364.10
Arkansas	39.4	38.6	40.1	6.26	6.69	7.05	246.64	258.23	282.71
Fayetteville-Springdale	39.5	38.6	40.0	5.69	6.12	6.41	224.76	236.23	256.40
Fort Smith	38.6	37.8	39.8	6.40	6.77	7.18	247.04	252.52	285.76
Little Rock-North Little Rock	39.5	39.0	40.7	7.13	7.76	8.13	281.64	302.64	330.89
Pine Bluff	41.6	40.8	41.4	7.77	8.66	9.24	323.23	353.33	382.54
California	39.6	39.2	40.0	8.56	9.24	9.52	338.98	362.21	380.80
Colorado	39.8	39.2	39.9	8.28	8.63	8.97	329.54	338.30	357.90
Denver-Boulder	39.7	39.2	40.1	8.27	8.82	9.32	328.32	345.74	373.73
Connecticut	41.6	40.5	41.3	7.67	8.23	8.76	319.07	333.32	361.79
Bridgeport	42.7	41.1	41.7	7.88	8.46	9.22	336.48	347.71	384.47
Hartford	41.3	40.7	41.1	8.14	8.81	9.41	336.18	358.57	386.75
New Britain	42.1	40.5	41.1	7.81	8.36	9.04	328.80	338.58	371.54
New Haven-West Haven	39.8	39.1	39.3	7.45	8.04	8.67	296.51	314.36	340.90
Stamford	41.0	39.9	39.8	7.18	7.74	8.57	294.38	308.83	341.09
Waterbury	41.7	40.4	42.6	6.48	6.89	7.45	270.22	278.36	317.37
Delaware	40.3	39.2	40.5	8.28	8.64	9.13	333.68	338.69	369.77
Wilmington	40.1	39.0	40.7	9.57	10.08	10.58	383.76	393.12	430.61
District of Columbia:									
Washington SMSA	39.2	38.4	38.6	8.88	9.37	9.75	348.10	359.81	376.35
Florida	40.6	39.9	40.7	6.53	7.02	7.33	265.12	280.10	298.33
Fort Lauderdale-Hollywood	40.7	40.3	41.7	6.17	6.64	7.00	251.12	267.59	291.90
Jacksonville	41.9	38.7	40.5	7.53	8.01	8.02	315.51	309.99	324.81
Lakeland-Winter Haven	43.2	41.2	40.2	6.94	7.23	7.29	299.81	297.88	293.06
Miami	41.1	39.1	38.7	5.65	5.88	6.13	232.22	229.91	237.23
Orlando	42.5	41.3	42.0	6.85	7.32	7.61	291.13	302.32	319.62
Pensacola	42.5	41.0	42.4	7.79	8.19	8.84	331.08	335.79	374.82
Tampa-St. Petersburg	40.5	40.1	41.2	6.55	6.92	7.30	265.28	277.49	300.76
West Palm Beach-Boca Raton	41.4	40.9	41.6	7.02	7.24	7.72	290.63	296.12	321.15
Georgia	40.1	38.6	41.1	6.37	6.75	7.13	255.44	260.55	293.04
Atlanta	39.7	37.9	40.6	7.60	8.11	8.49	301.72	307.37	344.69
Savannah	43.9	43.1	43.8	8.17	8.69	9.25	358.66	374.54	405.15
Hawaii	38.5	37.9	38.6	7.53	7.97	8.23	289.90	302.06	317.68
Honolulu	37.5	37.6	38.3	7.49	7.99	8.31	280.88	300.42	318.27
Idaho	37.8	36.7	37.4	8.23	8.62	8.49	311.09	316.35	317.53
Illinois	40.0	39.2	40.6	8.91	9.31	9.70	356.23	364.86	393.59
Bloomington-Normal	38.5	37.9	40.8	8.20	8.70	9.17	315.46	329.38	374.16
Champaign-Urbana-Rantoul	38.2	38.1	38.1	8.07	8.83	9.28	308.39	336.16	353.50
Chicago SMSA	39.5	38.6	40.4	8.23	8.83	9.55	324.92	341.22	385.71
Davenport-Rock Island-Moline	39.5	35.9	39.3	10.93	11.75	12.15	431.90	422.29	477.90
Decatur	39.2	39.0	40.5	10.55	11.64	12.38	413.48	454.08	501.76
Kankakee	37.8	37.9	39.0	7.79	8.34	8.36	294.47	316.25	326.05
Peoria	39.3	38.0	39.9	11.73	12.37	11.79	460.68	469.54	470.77
Rockford	40.5	39.6	41.5	8.90	9.38	9.61	360.54	371.15	398.59
Springfield	40.1	40.6	42.2	9.62	10.54	11.08	385.66	428.01	467.19
Indiana	40.1	39.2	41.0	9.37	9.79	10.10	375.74	383.77	414.10
Gary-Hammond-East Chicago	40.5	38.6	(')	12.49	13.19	(')	505.85	509.13	(')
Indianapolis	40.6	40.0	(')	9.26	9.69	(')	375.96	387.60	(')

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
ANNUAL AVERAGES

2. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Iowa	39.5	38.7	39.7	\$9.60	\$10.01	\$10.09	\$379.20	\$387.39	\$400.57
Cedar Rapids	39.9	40.4	40.9	9.52	10.38	10.60	379.85	419.35	433.54
Des Moines	38.7	38.8	38.8	10.01	10.86	11.56	387.39	421.37	448.53
Dubuque	39.1	38.4	38.7	10.77	10.94	10.52	421.11	420.10	407.12
Sioux City	39.6	39.7	39.8	8.01	8.76	8.87	317.20	347.77	353.03
Waterloo-Cedar Falls	39.2	37.8	39.1	12.68	13.02	12.67	497.06	492.16	495.40
Kansas	40.4	39.2	39.1	8.05	8.80	9.28	325.22	344.96	362.85
Topeka	39.6	37.8	37.8	8.65	8.85	9.22	342.54	328.97	348.52
Wichita	41.5	40.1	40.5	8.74	9.58	10.15	362.71	384.16	411.08
Kentucky	39.3	38.4	39.2	7.86	8.38	8.79	308.90	321.79	344.57
Lexington-Fayette	39.0	38.9	39.6	8.12	8.80	9.42	318.68	342.32	373.03
Louisville	39.8	38.8	40.3	9.22	9.88	10.10	388.96	374.81	407.03
Louisiana	42.2	41.0	40.0	8.58	9.38	9.79	362.08	384.58	391.60
Baton Rouge	42.3	40.8	41.9	10.68	11.40	11.52	451.76	485.12	482.69
New Orleans	41.1	38.7	38.7	8.48	9.23	9.08	348.53	357.20	351.40
Shreveport	41.4	39.0	39.8	7.67	8.36	9.48	317.54	326.04	377.30
Maine	40.4	40.0	39.9	6.88	7.22	7.61	269.06	288.80	303.64
Lewiston-Auburn	38.0	37.8	39.4	5.58	5.96	6.16	212.04	225.29	242.70
Portland	38.8	38.8	37.8	6.49	7.19	7.67	251.81	278.97	289.93
Maryland	39.9	39.2	40.0	8.39	8.78	9.02	334.76	344.18	360.80
Baltimore	40.4	39.9	40.5	8.76	9.23	9.48	353.90	368.28	383.94
Massachusetts	40.0	39.2	39.9	7.01	7.58	8.01	280.40	297.14	319.60
Boston	40.3	39.3	39.5	7.58	8.12	8.69	305.47	319.17	343.31
Brockton	39.4	37.6	38.2	5.72	6.26	6.46	225.37	235.38	248.75
Fall River	37.8	35.8	38.4	5.61	5.88	6.44	212.06	210.50	234.42
Lawrence-Haverhill	40.2	39.3	39.8	7.21	7.67	8.02	289.84	301.43	317.59
Lowell	39.7	38.4	39.3	6.45	6.88	7.39	258.07	264.19	290.25
New Bedford	37.5	37.4	37.1	6.24	6.81	7.23	234.00	254.69	268.23
Springfield-Chicopee-Holyoke	41.0	40.5	40.7	6.94	7.54	8.06	284.54	305.37	328.04
Worcester	39.7	38.8	39.6	7.23	7.83	8.30	287.03	303.80	328.68
Michigan	40.5	40.2	42.5	10.53	11.18	11.62	426.27	449.33	494.02
Ann Arbor	42.2	41.6	43.2	11.14	11.81	11.94	470.58	482.35	515.97
Battle Creek	40.9	39.4	41.1	10.36	11.49	11.95	423.38	452.89	490.90
Bay City	40.7	40.2	42.3	9.31	9.67	10.21	378.54	388.32	431.45
Detroit	41.0	41.2	42.8	11.15	11.85	12.29	457.16	488.68	526.53
Flint	40.6	39.6	44.6	12.14	13.10	13.33	492.59	519.09	594.76
Grand Rapids	39.8	38.9	41.3	8.73	9.37	9.97	347.83	364.49	411.20
Jackson	43.0	40.8	41.5	9.27	9.80	9.74	399.24	399.25	404.22
Kalamazoo-Portage	40.3	39.5	41.6	9.97	10.20	10.90	401.50	402.68	453.57
Lansing-East Lansing	39.0	39.1	43.4	12.07	12.24	13.13	470.22	478.19	570.26
Muskegon-Norton Shores-Muskegon Heights	40.3	38.3	40.0	8.95	9.69	10.41	360.32	371.07	416.07
Saginaw	40.4	39.3	42.7	12.31	12.80	13.61	497.31	502.85	581.57
Minnesota	39.4	39.1	39.7	8.40	9.11	9.56	330.96	356.20	379.53
Duluth-Superior	39.6	37.2	37.6	8.39	8.76	10.02	332.24	325.87	376.75
Minneapolis-St. Paul	39.4	39.1	39.8	8.85	9.60	10.11	348.69	375.36	402.38
St. Cloud	35.7	35.6	36.6	6.95	7.92	8.43	248.12	281.95	308.54
Mississippi	39.3	38.1	40.1	6.01	6.41	6.70	236.19	244.22	268.67
Jackson	40.2	38.6	40.6	6.47	6.95	7.59	260.09	268.27	308.15
Missouri	40.3	38.6	39.9	7.90	8.46	8.89	318.37	328.56	354.71
Kansas City	39.8	39.0	40.5	8.94	9.58	9.94	355.81	372.84	402.57
St. Joseph	38.9	38.3	38.8	7.35	7.89	8.26	285.92	302.19	320.49
St. Louis	39.4	39.0	40.3	8.98	9.63	10.11	353.81	375.57	407.43
Springfield	40.1	39.8	40.0	7.42	7.52	8.10	297.54	299.30	324.00
Montana	41.0	39.3	39.7	9.09	9.86	10.42	372.69	387.50	413.67
Nebraska	40.3	39.9	40.3	8.01	8.47	8.75	322.80	337.95	352.63
Lincoln	38.3	38.2	39.2	7.80	8.41	8.94	298.74	321.26	350.45
Omaha	39.6	38.8	39.8	8.26	8.74	9.10	327.10	339.11	362.18

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
ANNUAL AVERAGES**

2. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Nevada	38.6	37.3	38.8	\$8.42	\$8.80	\$9.02	\$325.01	\$328.24	\$349.98
Las Vegas	39.8	39.2	39.4	10.49	10.74	10.91	417.50	418.66	429.85
New Hampshire	39.9	39.6	40.2	6.41	6.94	7.38	255.76	274.82	296.68
Manchester	39.0	39.3	39.3	6.08	6.58	7.11	237.12	258.59	279.42
Nashua	39.9	39.6	40.9	7.13	8.00	8.71	284.49	316.80	356.24
New Jersey	40.6	40.1	(¹)	8.05	8.70	(¹)	327.16	348.73	(¹)
Atlantic City	38.9	38.8	(¹)	6.70	6.99	(¹)	260.68	271.20	(¹)
Camden	39.3	41.8	(¹)	8.19	9.10	(¹)	321.82	380.20	(¹)
Hackensack	40.8	39.9	(¹)	7.09	7.69	(¹)	289.14	306.80	(¹)
Jersey City	40.6	40.2	(¹)	7.56	8.18	(¹)	307.40	328.98	(¹)
New Brunswick-Perth Amboy-Sayreville	42.1	40.5	(¹)	8.99	9.71	(¹)	378.28	393.42	(¹)
Newark	40.8	40.7	(¹)	8.12	8.81	(¹)	331.58	358.24	(¹)
Paterson-Clifton-Passaic	41.6	40.3	(¹)	7.62	8.23	(¹)	316.85	331.44	(¹)
Trenton	39.0	39.4	(¹)	8.33	8.75	(¹)	324.95	345.20	(¹)
New Mexico	39.5	39.2	39.6	6.54	7.22	7.62	258.33	283.02	301.75
Albuquerque	40.1	38.9	39.4	6.63	7.72	7.49	265.86	300.31	295.11
New York	39.4	38.8	39.3	7.84	8.35	8.84	308.90	323.98	347.41
Albany-Schenectady-Troy	40.2	39.5	40.4	8.18	8.65	9.13	328.84	341.68	368.85
Binghamton	41.3	40.3	40.4	7.10	7.29	7.92	293.23	293.79	319.97
Buffalo	40.2	39.7	41.0	10.09	10.63	11.15	405.62	422.01	457.15
Elmira	40.4	39.9	39.7	7.71	8.45	8.90	311.48	337.16	353.33
Glens Falls	(¹)	(¹)	39.7	(¹)	(¹)	8.77	(¹)	(¹)	330.63
Monroe County	41.4	40.9	41.5	10.18	10.85	11.64	421.45	443.77	483.06
Nassau-Suffolk	40.1	39.5	40.0	7.43	8.10	8.71	297.94	319.95	348.40
Newburgh-Middletown	(¹)	(¹)	38.6	(¹)	(¹)	8.53	(¹)	(¹)	252.06
New York-Northeastern New Jersey	39.6	38.6	38.9	7.45	8.05	8.62	295.42	310.73	335.32
New York and Nassau-Suffolk	38.0	37.4	37.7	7.06	7.64	8.19	268.28	285.74	308.76
New York SMSA	37.4	36.8	36.9	6.95	7.50	8.01	259.93	276.00	295.57
New York City	37.1	36.5	36.7	8.90	7.45	7.92	255.99	271.93	290.66
Poughkeepsie	43.0	42.2	42.9	7.55	7.96	8.68	324.65	335.91	372.37
Rochester	41.2	40.7	41.3	9.58	10.26	10.91	394.70	417.58	450.58
Rockland County	40.2	39.1	40.0	7.50	8.37	8.84	301.50	327.27	353.60
Syracuse	40.8	40.0	40.7	8.35	8.89	9.65	340.68	355.60	392.76
Utica-Rome	40.1	39.0	40.0	7.35	7.82	8.23	294.74	304.98	329.20
Westchester County	39.9	(¹)	38.2	7.31	(¹)	8.59	291.67	(¹)	328.14
North Carolina	39.1	37.3	40.0	5.94	6.35	6.68	232.25	236.86	267.20
Asheville	39.5	38.3	39.9	5.78	6.14	6.55	228.31	235.16	261.35
Charlotte-Gastonia	40.2	38.0	41.4	5.96	6.37	6.69	239.59	242.06	276.97
Greensboro-Winston-Salem-High Point	38.9	36.7	38.8	6.57	7.04	7.32	255.57	258.37	284.02
Raleigh-Durham	39.4	38.2	40.7	6.78	7.39	7.91	267.13	282.30	321.94
North Dakota	38.1	37.6	38.0	7.12	7.50	7.74	271.27	282.00	294.12
Fargo-Moorhead	38.1	38.6	37.8	7.57	7.69	8.05	288.42	296.83	304.29
Ohio	40.9	40.1	41.4	9.53	10.07	10.56	389.78	403.81	437.18
Akron	41.8	41.0	43.1	9.50	9.83	10.49	397.10	403.03	452.12
Canton	40.0	38.6	39.6	9.76	10.22	10.66	390.40	394.49	422.14
Cincinnati	41.1	40.5	41.1	8.78	9.57	10.11	360.86	387.59	415.52
Cleveland	41.1	39.9	40.9	9.62	10.10	10.45	395.38	402.99	427.41
Columbus	40.0	39.8	40.7	8.67	9.31	9.97	346.80	370.54	405.78
Dayton	41.4	40.0	41.9	9.61	10.02	10.61	397.85	400.80	444.56
Toledo	40.9	41.1	42.9	9.93	10.89	11.28	406.14	447.58	483.91
Youngstown-Warren	40.8	39.3	42.1	11.62	11.72	12.38	474.10	460.60	521.20
Oklahoma	40.1	39.5	40.5	8.20	8.69	9.21	328.82	343.26	373.01
Oklahoma City	39.8	39.3	40.6	8.64	9.00	9.75	343.87	353.70	395.85
Tulsa	40.8	39.3	40.2	8.67	9.45	9.96	353.74	371.39	400.39
Oregon	37.5	37.9	38.9	9.47	10.02	10.24	355.13	379.76	398.34
Eugene-Springfield	38.2	38.3	39.5	9.77	10.38	10.55	373.21	397.55	416.73
Medford	37.4	38.2	39.1	9.11	9.48	9.69	340.71	362.14	378.88
Portland	38.1	38.0	39.5	9.52	10.16	10.40	362.71	386.08	410.80
Salem	35.1	35.7	36.7	8.83	8.82	8.82	309.93	314.87	323.69

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
ANNUAL AVERAGES

2. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Pennsylvania	39.2	38.4	39.2	\$8.30	\$8.63	\$8.95	\$325.36	\$331.39	\$350.84
Allentown-Bethlehem-Easton	38.6	37.8	38.0	8.63	8.87	9.20	333.12	335.29	349.60
Altoona	38.5	38.4	38.5	7.15	7.27	7.81	275.28	279.17	300.69
Delaware Valley	39.8	38.7	39.3	8.37	8.89	9.33	333.13	344.04	366.67
Erie	41.1	39.9	40.6	8.52	9.04	9.56	350.17	360.70	388.14
Harrisburg	39.9	38.7	39.6	7.74	8.34	8.52	308.83	322.76	337.39
Johnstown	37.3	35.4	36.1	8.80	8.70	8.13	328.24	307.98	293.49
Lancaster	39.2	38.4	39.3	7.22	7.82	8.32	283.02	300.29	326.98
Northeast Pennsylvania	36.7	36.4	37.3	6.38	6.86	7.37	234.15	249.70	274.90
Philadelphia SMSA	40.0	38.9	39.4	8.32	8.88	9.37	332.80	345.43	369.18
Pittsburgh	40.4	38.2	39.6	10.00	10.66	10.83	404.00	407.21	428.87
Reading	39.6	38.5	40.0	7.77	8.17	8.80	307.69	314.55	352.00
Williamsport	39.6	39.4	38.9	7.67	7.98	7.98	303.73	314.41	310.42
York	40.8	40.0	40.8	7.45	7.84	8.12	303.96	313.60	331.30
Rhode Island	39.3	38.6	39.0	6.10	6.61	6.92	239.73	255.16	169.88
Providence-Warwick-Pawtucket	39.4	38.6	39.1	6.06	6.53	6.85	238.76	252.06	267.83
South Carolina	40.4	38.2	40.6	6.18	6.68	7.03	249.67	255.18	285.30
Charleston-North Charleston	39.5	42.2	41.6	6.89	7.80	8.42	272.16	329.16	350.27
Columbia	39.7	37.7	39.8	6.05	6.46	6.81	240.18	243.54	271.04
Greenville-Spartanburg	40.3	37.9	40.5	6.08	6.10	6.72	245.02	245.21	272.16
South Dakota	41.6	41.1	41.2	7.12	7.36	7.28	296.19	302.50	299.94
Sioux Falls	46.8	45.3	45.4	8.99	8.37	7.66	420.73	379.16	347.76
Tennessee	39.9	38.6	40.5	6.72	7.16	7.49	268.13	276.38	303.34
Chattanooga	40.7	38.7	41.5	6.52	7.05	7.14	265.36	272.84	296.31
Knoxville	39.7	38.6	40.3	7.47	8.40	8.89	296.56	324.24	358.27
Memphis	40.3	39.9	41.1	7.50	7.80	7.90	302.25	311.22	324.69
Nashville-Davidson	40.6	39.1	40.9	7.34	7.87	8.28	298.00	307.72	338.65
Texas	41.3	40.0	40.9	7.95	8.60	8.88	328.34	344.00	363.19
Dallas-Fort Worth	40.8	39.6	40.9	7.58	8.29	8.76	309.26	328.28	358.28
Houston	43.6	41.5	41.5	9.63	10.28	10.77	419.87	426.62	446.96
San Antonio	40.7	39.5	41.2	5.80	6.29	6.61	236.06	248.46	272.33
Utah	39.7	38.5	39.4	7.74	8.40	8.71	307.28	323.40	343.17
Salt Lake City-Ogden	40.2	39.2	40.0	7.41	8.25	8.61	297.88	323.40	344.40
Vermont	40.0	39.0	40.0	6.79	7.35	7.66	271.60	286.65	306.40
Burlington	41.6	40.8	42.0	7.21	7.99	8.57	299.94	325.99	359.94
Springfield	40.9	39.4	39.6	7.55	7.78	7.94	308.80	306.53	314.42
Virginia	39.7	38.4	39.7	6.84	7.37	7.78	271.55	283.01	308.87
Bristol	37.7	37.1	39.3	6.05	6.40	6.50	228.09	237.44	255.45
Charlottesville	(¹)	38.1	39.5	(¹)	6.26	6.61	(¹)	238.51	261.10
Danville	(¹)	38.9	40.8	(¹)	6.75	7.15	(¹)	262.58	291.72
Lynchburg	40.4	37.3	38.6	6.71	6.95	7.32	271.08	259.24	282.55
Norfolk-Virginia Beach-Portsmouth	41.1	40.8	42.1	7.15	7.69	8.12	293.87	313.75	341.85
Northern Virginia	40.2	39.6	40.4	7.38	7.89	8.49	296.68	312.44	343.00
Petersburg-Colonial Heights-Hopewell	39.2	38.9	39.8	8.55	9.50	9.96	335.16	369.55	396.41
Richmond	40.1	38.6	39.3	8.81	9.30	10.24	353.28	358.98	402.43
Roanoke	39.6	38.7	40.1	6.36	6.70	6.97	251.86	259.29	279.50
Washington	38.8	38.5	38.9	10.44	11.23	11.41	405.07	432.36	443.85
West Virginia	39.4	38.8	39.6	8.80	9.40	9.74	346.72	364.72	385.70
Charleston	42.5	41.9	42.5	9.87	10.60	11.27	419.48	444.14	478.98
Huntington-Ashland	39.6	37.2	38.4	9.94	10.73	11.05	393.62	399.16	424.32
Parkersburg-Marietta	41.1	40.5	41.0	9.21	10.11	10.75	378.53	409.46	440.75
Wheeling	39.1	38.5	39.4	9.95	10.36	10.99	389.05	398.86	133.01

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
ANNUAL AVERAGES**

2. 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		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Wisconsin	40.1	39.6	40.7	\$8.80	\$9.37	\$9.78	\$352.55	\$370.87	\$398.05
Appleton-Oshkosh	41.9	41.0	42.2	8.43	8.94	9.41	353.08	366.13	397.10
Eau Claire	40.9	40.4	41.0	8.38	8.88	9.37	342.72	358.83	384.17
Green Bay	41.7	41.8	41.5	8.91	9.64	10.28	371.31	402.93	426.62
Janesville-Beloit	39.6	39.5	42.2	9.22	9.51	10.82	364.55	375.51	456.60
Kenosha	39.8	40.3	40.9	10.07	11.41	11.76	398.76	459.88	460.98
La Crosse	40.2	38.8	39.4	7.71	8.56	8.83	310.13	332.25	347.90
Madison	39.2	39.2	39.9	8.59	9.31	9.33	336.75	364.74	372.27
Milwaukee	40.0	39.5	40.6	9.71	10.44	10.86	388.09	412.03	440.92
Racine	39.7	39.3	40.3	9.44	9.90	10.15	375.16	388.94	409.04
Sheboygan	(¹)	(¹)	39.2	(¹)	(¹)	9.28	(¹)	(¹)	363.78
Wausau	(¹)	(¹)	41.6	(¹)	(¹)	9.08	(¹)	(¹)	377.73
Wyoming	40.0	38.2	36.9	7.89	8.82	8.72	315.60	329.28	321.77
Puerto Rico	38.2	37.5	38.9	4.39	4.64	4.82	167.77	174.00	187.50
Virgin Islands	42.3	42.3	41.4	8.50	9.76	10.35	359.55	412.85	428.49

¹ Not available.

NOTE: Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 1983

benchmarks except Gary-Hammond-East Chicago and Indianapolis, Indiana; New Jersey; New York-Northeastern New Jersey, New York; and Wisconsin.

**STATE AND AREA LABOR FORCE DATA
ANNUAL AVERAGES**

3. Labor force status by State and selected metropolitan areas

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Alabama	1,669.0	1,713.0	1,761.0	178.0	247.0	241.0	10.7	14.4	13.7
Birmingham	379.0	386.8	393.1	40.5	53.8	51.6	10.7	13.9	13.1
Huntsville	142.4	150.4	159.3	14.3	18.1	16.4	10.1	12.0	10.3
Mobile	189.5	192.1	197.6	17.6	26.3	30.2	9.3	13.7	15.3
Montgomery	120.8	123.0	129.2	11.0	14.7	14.6	9.1	11.9	11.3
Tuscaloosa	55.2	55.5	56.5	5.7	7.0	7.1	10.3	12.6	12.5
Alaska	194.0	211.0	229.0	16.0	21.0	24.0	9.3	9.9	10.3
Arizona	1,265.0	1,338.0	1,376.0	78.0	133.0	125.0	6.1	9.9	9.1
Phoenix	772.8	816.0	851.4	39.6	64.4	60.0	5.1	7.9	7.1
Tucson	230.9	247.4	255.5	12.7	23.8	22.8	5.5	9.6	8.9
Arkansas	1,029.0	1,025.0	1,026.0	94.0	100.0	104.0	9.1	9.8	10.1
Fayetteville-Springdale	82.0	83.1	84.3	4.9	5.8	6.0	5.9	7.0	7.1
Fort Smith	91.7	88.7	91.3	8.0	9.5	9.8	8.7	10.7	10.7
Little Rock-North Little Rock	196.9	198.1	198.7	14.5	15.1	16.0	7.4	7.6	8.0
Pine Bluff	40.4	38.6	38.1	4.1	4.0	4.0	10.1	10.4	10.5
California	11,811.0	12,184.0	12,333.0	874.0	1,211.0	1,192.0	7.4	9.9	9.7
Anaheim-Santa Ana-Garden Grove	1,188.7	1,199.8	1,227.1	54.6	86.7	79.8	4.7	7.2	6.5
Bakersfield	196.9	210.0	216.8	16.9	25.2	28.9	8.6	12.0	13.4
Fresno	279.5	291.0	296.3	29.5	40.1	41.2	10.5	13.8	13.9
Los Angeles-Long Beach	3,739.0	3,816.0	3,793.0	258.0	355.0	368.0	6.9	9.3	9.7
Modesto	134.3	138.5	140.5	19.4	25.5	25.9	14.4	18.4	18.4
Oxnard-Simi Valley-Ventura	244.6	261.2	268.4	17.8	27.4	28.6	7.3	10.5	9.9
Riverside-San Bernardino-Ontario	604.5	632.4	643.8	50.7	77.1	70.3	8.4	12.2	10.9
Sacramento	494.3	515.8	527.2	44.0	58.8	53.2	8.9	11.4	10.1
Salinas-Seaside-Monterey	138.6	144.5	147.4	14.1	16.6	18.1	10.1	11.5	12.3
San Diego	602.4	634.0	654.9	55.3	77.2	71.7	6.9	9.3	8.4
San Francisco-Oakland	1,697.0	1,741.0	1,761.2	103.9	142.8	138.2	6.1	8.2	7.8
San Jose	787.8	822.5	851.1	46.7	61.9	61.0	5.9	7.5	7.2
Santa Barbara-Santa Maria-Lompoc	154.3	160.4	163.6	9.7	12.8	12.5	6.3	8.0	7.6
Santa Rosa	141.7	147.3	149.6	11.3	15.1	13.5	8.0	10.3	9.0
Stockton	172.2	178.2	178.2	21.1	28.7	28.0	12.3	16.1	15.7
Vallejo-Fairfield-Napa	134.7	140.8	142.5	11.1	15.2	15.3	8.2	10.8	10.7
Colorado	1,535.0	1,590.0	1,667.0	84.0	123.0	110.0	5.5	7.7	6.6
Denver-Boulder	912.4	945.0	996.5	44.2	62.5	55.6	4.8	6.6	5.6
Connecticut	1,591.0	1,594.0	1,608.0	98.0	110.0	97.0	6.2	6.9	6.0
Bridgeport	192.7	192.5	191.6	12.2	15.0	13.5	6.3	7.8	7.0
Hartford	385.5	385.2	388.4	21.8	24.6	21.7	5.7	6.4	5.6
New Britain	71.1	72.6	70.1	5.3	6.5	5.0	7.4	9.0	7.1
New Haven-West Haven	198.4	196.7	200.4	13.7	13.4	12.9	7.0	6.8	6.4
Stamford	124.7	125.0	124.9	5.2	5.5	5.1	4.2	4.4	4.1
Waterbury	106.8	104.0	104.9	8.0	9.4	7.6	7.5	9.1	7.2
Delaware	288.0	298.0	298.0	23.0	25.0	24.0	7.9	8.5	8.1
Wilmington	255.2	263.3	263.6	19.9	23.1	21.6	7.8	8.8	8.2
District of Columbia	312.0	312.0	325.0	28.0	33.0	38.0	9.0	10.6	11.7
Washington SMSA	1,687.4	1,706.1	1,783.3	82.6	98.4	92.7	4.9	5.8	5.2
Florida	4,504.0	4,746.0	4,903.0	307.0	388.0	421.0	6.8	8.2	8.6
Daytona Beach	109.0	115.8	121.0	6.7	7.9	8.8	6.1	6.8	7.2
Fort Lauderdale-Hollywood	480.6	497.7	512.9	22.7	33.1	36.8	4.7	6.7	7.2
Fort Myers-Cape Coral	94.8	101.5	107.7	4.9	7.6	8.3	5.1	7.5	7.7
Gainesville	77.7	80.5	83.1	3.6	3.4	3.9	4.7	4.3	4.7
Jacksonville	337.2	354.8	365.3	20.0	24.7	29.6	5.9	7.0	8.1
Lakeland-Winter Haven	128.0	153.0	150.8	15.2	22.1	23.6	11.8	14.4	15.6
Melbourne-Titusville-Cocoa	120.5	127.3	136.3	8.2	9.4	10.6	6.8	7.4	7.8
Miami	837.8	849.0	851.9	79.5	85.7	83.7	9.5	10.1	9.8
Orlando	367.5	398.1	423.0	23.3	27.2	29.9	6.3	6.8	7.1
Pensacola	121.5	128.7	132.8	7.1	9.1	10.3	5.9	7.1	7.8
Sarasota	78.9	85.3	90.7	3.6	5.8	5.8	4.5	6.8	6.4
Tallahassee	86.8	88.0	89.9	3.9	4.0	4.5	4.5	4.6	5.0
Tampa-St. Petersburg	700.4	746.7	778.5	40.4	54.3	58.8	5.8	7.3	7.6
West Palm Beach-Boca Raton	270.4	286.2	301.7	15.9	22.1	26.1	5.9	7.7	8.7

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Georgia	2,598.0	2,664.0	2,696.0	165.0	208.0	202.0	6.4	7.8	7.5
Albany	52.7	53.4	53.0	4.1	4.8	5.2	7.8	9.0	9.8
Athens	84.4	85.8	86.7	3.4	4.2	4.4	5.3	8.4	6.6
Atlanta	1,064.8	1,100.6	1,128.7	57.9	70.8	71.2	5.4	6.4	6.3
Augusta	130.8	137.1	137.4	9.7	12.3	12.7	7.4	8.9	9.2
Columbus	88.0	88.5	89.1	7.3	8.7	7.8	8.3	9.8	8.7
Macon	105.8	109.5	109.8	8.8	7.8	8.5	6.4	7.1	7.7
Savannah	96.1	99.5	99.0	6.0	7.7	8.6	6.3	7.8	8.7
Hawaii	450.0	460.0	473.0	24.0	31.0	30.0	5.4	6.7	6.5
Honolulu	345.9	352.0	360.0	17.1	21.5	20.6	4.9	6.1	5.7
Idaho	428.0	444.0	456.0	32.0	44.0	45.0	7.8	9.8	9.8
Boise City	89.9	93.1	96.8	5.5	6.9	7.5	6.1	7.4	7.7
Illinois	5,578.0	5,597.0	5,593.0	474.0	634.0	640.0	8.5	11.3	11.4
Bloomington-Normal	62.6	62.7	63.9	3.9	4.9	5.0	6.3	7.9	7.8
Champaign-Urbana-Rantoul	85.3	85.0	85.8	4.7	4.8	5.6	5.5	5.6	6.5
Chicago	3,486.8	3,482.9	3,460.6	285.1	369.8	362.4	8.2	10.6	10.5
Davenport-Rock Island-Moline	190.2	191.6	189.8	16.0	27.0	27.7	8.4	14.1	14.8
Decatur	63.1	64.4	62.9	6.6	10.0	9.4	10.4	15.5	14.9
Kankakee	41.8	43.2	42.0	5.0	7.0	6.9	12.0	18.2	16.5
Peoria	174.8	176.5	172.1	14.2	24.4	27.6	8.1	13.8	16.0
Rockford	136.3	139.4	138.3	12.8	22.6	19.7	9.4	18.2	14.2
Springfield	99.2	101.8	104.9	6.5	7.8	8.7	6.5	7.7	8.3
Indiana	2,627.0	2,599.0	2,584.0	264.0	310.0	286.0	10.1	11.9	11.1
Anderson	58.2	(¹)	56.0	7.2	(¹)	6.8	12.3	(¹)	12.1
Elkhart	68.7	(¹)	76.5	6.8	(¹)	5.4	9.6	(¹)	7.1
Evansville	150.0	(¹)	149.8	13.4	(¹)	18.1	8.9	(¹)	10.8
Fort Wayne	192.0	(¹)	184.3	19.9	(¹)	20.4	10.3	(¹)	11.1
Gary-Hammond-East Chicago	292.9	(¹)	273.9	34.1	(¹)	42.4	11.6	(¹)	15.5
Indianapolis	603.1	(¹)	605.1	50.1	(¹)	57.3	8.3	(¹)	9.5
Lafayette-West Lafayette	63.2	(¹)	62.9	3.9	(¹)	4.7	6.2	(¹)	7.5
Muncie	57.2	(¹)	54.5	6.8	(¹)	6.7	11.5	(¹)	12.3
South Bend	143.1	(¹)	140.0	13.4	(¹)	12.5	9.4	(¹)	9.0
Terre Haute	83.2	(¹)	80.5	8.4	(¹)	10.2	10.1	(¹)	12.7
Iowa	1,427.0	1,418.0	1,422.0	99.0	121.0	116.0	6.9	8.5	8.1
Cedar Rapids	87.9	85.8	84.7	7.1	8.3	7.2	8.1	9.7	8.5
Des Moines	184.2	184.1	186.2	13.2	14.3	13.3	7.2	7.8	7.2
Dubuque	45.0	43.1	43.0	4.8	6.1	5.2	10.7	14.2	12.2
Sioux City	54.9	53.2	54.3	4.1	4.4	4.1	7.4	8.3	7.6
Waterloo-Cedar Falls	68.7	67.2	65.8	5.5	8.2	8.5	8.0	12.1	13.0
Kansas	1,191.0	1,186.0	1,185.0	50.0	74.0	72.0	4.2	6.3	6.1
Lawrence	34.5	34.1	34.0	1.4	1.6	1.7	4.0	4.7	4.9
Topeka	95.7	94.6	94.5	5.1	6.4	8.4	5.3	6.8	6.7
Wichita	227.4	223.8	221.6	9.3	19.0	17.0	4.1	8.5	7.7
Kentucky	1,885.0	1,886.0	1,702.0	140.0	179.0	198.0	8.4	10.6	11.7
Lexington-Fayette	178.6	(¹)	186.8	8.8	(¹)	10.3	5.0	(¹)	5.5
Louisville	438.4	(¹)	430.1	38.6	(¹)	47.0	8.9	(¹)	10.9
Owensboro	43.5	(¹)	44.8	3.2	(¹)	4.4	7.3	(¹)	9.9
Louisiana	1,854.0	1,863.0	1,910.0	156.0	193.0	225.0	8.4	10.3	11.8
Alexandria	73.1	73.8	77.0	8.2	8.6	8.9	11.2	11.6	11.5
Baton Rouge	229.2	229.8	239.6	18.4	20.8	23.4	8.0	9.0	9.8
Lafayette	90.9	97.7	96.1	3.9	5.1	7.8	4.3	5.2	8.1
Lake Charles	60.8	78.2	78.2	7.1	10.9	11.3	8.7	13.9	14.4
Monroe	57.9	58.1	59.9	6.4	6.8	6.7	11.1	11.7	11.2
New Orleans	515.3	518.3	529.8	40.1	48.1	54.9	7.8	9.3	10.4
Shreveport	183.0	184.4	170.4	13.8	16.0	19.2	8.5	9.7	11.3
Maine	509.0	516.0	537.0	37.0	44.0	48.0	7.2	8.6	9.0
Lewiston-Auburn	38.5	37.9	38.8	3.0	3.7	3.8	7.8	9.7	9.7
Portland	91.7	93.4	97.9	5.1	5.5	6.4	5.6	5.9	6.5
Maryland	2,163.0	2,164.0	2,211.0	157.0	183.0	153.0	7.3	8.4	6.9
Baltimore	1,078.6	1,075.0	1,084.7	90.4	106.3	85.5	8.4	9.9	7.9

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Massachusetts	2,963.0	3,000.0	2,987.0	188.0	237.0	205.0	8.4	7.9	6.9
Boston	1,431.2	1,448.3	1,445.3	83.7	97.0	83.9	5.9	6.7	5.8
Brockton	81.2	82.5	81.6	5.9	7.4	8.5	7.3	9.0	8.0
Fall River	74.8	77.8	78.4	6.3	8.8	7.7	8.5	11.3	9.8
Fitchburg-Leominster	49.4	50.0	50.2	3.3	4.9	4.2	6.7	9.9	8.4
Lawrence-Haverhill	148.0	150.8	148.2	9.5	15.0	11.4	6.4	10.0	7.7
Lowell	129.3	134.0	138.9	7.4	9.6	7.5	5.7	7.2	5.5
New Bedford	84.3	88.3	84.7	7.6	10.6	8.5	9.0	12.3	10.0
Pittsfield	70.2	88.8	86.4	4.8	5.9	5.5	6.8	8.6	8.3
Springfield-Chicopee-Holyoke	291.2	292.1	289.0	18.8	22.8	21.3	6.5	7.8	7.4
Worcester	198.3	199.1	195.4	12.0	17.8	14.9	6.0	8.9	7.6
Michigan	4,309.0	4,278.0	4,303.0	529.0	661.0	610.0	12.3	15.5	14.2
Ann Arbor	142.5	140.9	146.8	11.1	14.0	13.9	7.8	9.9	9.5
Battle Creek	79.8	80.7	80.0	9.1	13.1	11.6	11.4	16.2	14.4
Bay City	53.2	52.7	52.9	6.6	8.4	8.7	12.3	16.0	16.5
Benton Harbor	72.9	71.5	71.5	9.5	11.5	11.1	13.0	16.1	15.5
Detroit	2,006.6	1,980.3	1,979.1	281.8	318.5	289.5	13.0	16.0	14.6
Flint	225.9	224.1	221.5	34.0	48.7	36.7	15.1	20.8	18.6
Grand Rapids	321.8	325.3	334.8	29.1	38.6	38.2	9.1	11.9	11.4
Jackson	66.9	66.9	85.5	7.7	10.8	10.3	11.6	16.1	15.8
Kalamazoo-Portage	138.4	137.3	139.5	12.0	15.1	15.2	8.7	11.0	10.9
Lansing-East Lansing	243.5	241.2	244.8	24.8	29.0	24.7	10.2	12.0	10.1
Muskegon-Norton Shores-Muskegon Heights	77.2	77.6	76.6	10.8	14.0	13.0	13.8	18.0	17.0
Saginaw	101.1	99.2	98.3	12.2	16.9	13.8	12.1	17.0	14.0
Minnesota	2,153.0	2,166.0	2,174.0	119.0	169.0	178.0	5.5	7.8	8.2
Duluth-Superior	116.1	115.8	110.4	9.9	19.5	20.1	8.5	16.9	18.2
Minneapolis-St.Paul	1,161.9	1,188.2	1,179.1	51.3	74.4	78.3	4.4	6.4	6.8
Rochester	58.6	58.0	59.3	2.3	3.1	3.3	4.1	5.4	5.8
St. Cloud	75.3	76.6	77.8	5.2	8.9	7.5	6.9	8.9	9.7
Mississippi	1,055.0	1,065.0	1,068.0	88.0	117.0	135.0	8.3	11.0	12.6
Jackson	159.0	159.1	159.7	9.7	11.9	13.1	6.1	7.5	8.2
Missouri	2,319.0	2,308.0	2,350.0	179.0	213.0	233.0	7.7	9.2	9.9
Kansas City	685.5	678.6	688.1	45.8	53.2	58.0	8.7	7.8	8.1
St. Joseph	45.5	45.6	48.3	3.9	4.5	5.0	8.7	9.8	10.8
St. Louis	1,126.7	1,123.6	1,147.7	95.4	111.0	121.1	8.5	9.9	10.8
Springfield	107.5	108.4	113.0	8.6	8.1	8.8	8.1	7.4	7.8
Montana	383.0	393.0	394.0	27.0	34.0	35.0	6.9	8.6	8.8
Nebraska	774.0	789.0	788.0	32.0	48.0	45.0	4.1	8.1	5.7
Lincoln	110.6	110.4	108.5	4.1	5.6	4.7	3.7	5.0	4.3
Omaha	279.8	286.2	289.5	14.4	20.1	17.3	5.2	7.0	6.0
Nevada	484.0	482.0	487.0	33.0	49.0	48.0	7.1	10.1	9.8
Las Vegas	258.3	289.3	272.8	20.4	29.4	28.2	7.9	10.9	10.3
Reno	127.6	132.4	132.5	7.2	10.9	11.0	5.6	8.2	8.3
New Hampshire	482.0	486.0	503.0	24.0	36.0	27.0	5.0	7.4	5.4
Manchester	82.5	84.8	87.2	4.5	6.4	4.6	5.5	7.5	5.3
Nashua	81.7	83.6	87.3	3.2	5.2	3.9	4.0	6.2	4.4
New Jersey	3,587.0	3,619.0	3,858.0	262.0	325.0	287.0	7.3	9.0	7.8
Atlantic City	114.0	118.3	122.4	9.5	12.0	10.6	8.3	10.1	8.7
Jersey City	241.8	239.0	238.3	27.4	33.4	29.6	11.3	14.0	12.5
Long Branch-Asbury Park	241.2	245.3	250.4	18.1	20.5	18.1	6.7	8.4	7.2
New Brunswick-Perth Amboy-Sayreville	333.3	338.0	339.0	20.3	28.7	24.0	8.1	7.9	7.1
Newark	963.7	972.2	978.9	66.9	84.4	72.8	7.2	8.7	7.4
Paterson-Clifton-Passaic	211.1	210.1	216.3	18.5	23.2	21.7	8.7	11.0	10.0
Trenton	158.7	160.6	160.9	9.8	13.0	10.6	6.2	8.1	6.6
Vineland-Millville-Bridgeton	58.5	58.9	57.0	7.4	9.6	8.2	12.6	16.2	14.4
New Mexico	578.0	595.0	607.0	42.0	55.0	62.0	7.3	9.2	10.1
Albuquerque	213.7	220.8	230.0	16.0	18.1	19.9	7.5	8.2	8.7
Las Cruces	36.7	38.4	41.3	2.9	3.7	3.9	8.0	9.5	9.4

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
New York	6,023.0	7,991.0	6,062.0	613.0	684.0	689.0	7.6	6.6	8.6
Albany-Schenectady-Troy	377.6	371.7	379.3	23.3	26.0	27.6	6.2	7.0	7.3
Binghamton	139.9	139.5	140.5	9.1	10.6	11.2	6.5	7.7	8.0
Buffalo	560.4	543.6	536.7	53.5	69.1	65.5	9.5	12.7	12.2
Elmira	39.6	37.9	37.1	3.1	4.4	3.9	7.8	11.5	10.5
Glens-Falls	47.0	46.6	47.3	3.9	4.5	4.3	6.4	9.6	9.0
Nassau-Suffolk	1,316.6	1,325.5	1,395.2	77.6	64.2	99.4	5.9	6.4	6.4
New York	3,683.8	3,684.5	3,641.5	305.8	326.5	320.1	6.3	8.9	8.8
New York City	3,073.0	3,065.0	3,015.0	278.0	293.0	285.0	9.0	9.6	9.4
Newburgh-Middletown	106.1	107.0	111.2	8.4	9.0	9.2	7.8	8.4	8.3
Poughkeepsie	110.5	112.5	118.5	6.2	6.6	7.2	5.8	5.9	6.2
Rochester	471.1	471.8	478.1	27.7	34.1	41.3	5.9	7.2	8.6
Syracuse	299.5	297.8	305.6	20.7	23.8	24.0	6.9	8.0	7.9
Utica-Rome	135.8	133.0	133.7	10.4	12.0	12.1	7.8	9.0	9.0
North Carolina	2,919.0	2,945.0	2,948.0	188.0	266.0	282.0	6.4	9.0	8.9
Asheville	89.4	88.9	87.2	6.1	7.5	7.1	6.8	8.4	8.1
Charlotte-Gastonia	373.4	375.4	375.9	18.3	25.9	28.6	4.9	8.9	7.1
Greensboro-Winston-Salem-High Point	445.3	445.3	443.9	25.5	36.7	35.0	5.7	8.2	7.9
Raleigh-Durham	312.9	316.8	322.6	12.2	14.3	15.1	3.9	4.5	4.7
North Dakota	311.0	316.0	317.0	18.0	18.0	18.0	5.0	5.9	5.6
Fargo-Moorehead	71.8	72.1	73.4	4.0	4.0	3.7	5.6	5.8	5.1
Ohio	5,099.0	5,114.0	5,110.0	492.0	640.0	622.0	9.6	12.5	12.2
Akron	304.1	(¹)	304.3	29.1	(¹)	37.4	9.8	(¹)	12.3
Canton	188.4	(¹)	188.3	18.2	(¹)	27.6	9.7	(¹)	14.7
Cincinnati	678.5	(¹)	686.5	59.1	(¹)	71.1	6.7	(¹)	10.4
Cleveland	933.9	(¹)	930.8	79.8	(¹)	105.9	8.5	(¹)	11.4
Columbus	582.4	(¹)	579.0	43.3	(¹)	51.7	7.7	(¹)	8.9
Dayton	390.6	(¹)	390.8	32.8	(¹)	39.9	8.4	(¹)	10.2
Toledo	387.4	(¹)	374.1	39.4	(¹)	47.2	10.7	(¹)	12.8
Youngstown-Warren	234.0	(¹)	227.3	28.2	(¹)	37.8	12.1	(¹)	16.6
Oklahoma	1,446.0	1,486.0	1,544.0	52.0	85.0	140.0	3.6	5.7	9.0
Enid	30.8	31.7	32.3	.7	1.6	2.5	2.2	5.1	7.7
Lawton	35.0	36.8	39.9	1.5	1.7	2.6	4.2	4.7	6.5
Oklahoma City	442.6	457.6	478.6	13.6	20.8	32.6	3.1	4.5	6.8
Tulsa	356.0	358.8	372.5	12.0	22.1	36.8	3.4	6.2	9.9
Oregon	1,337.0	1,324.0	1,337.0	132.0	153.0	145.0	9.9	11.5	10.8
Eugene-Springfield	137.8	131.3	132.1	15.3	18.4	14.8	11.1	12.5	11.2
Medford	65.1	63.6	64.7	8.3	9.2	7.6	12.7	14.4	11.7
Portland	659.4	663.2	666.1	52.4	67.0	67.4	7.9	10.1	10.1
Salem	126.2	124.9	126.0	11.5	13.1	12.7	9.1	10.5	10.1
Pennsylvania	5,482.0	5,487.0	5,510.0	458.0	599.0	651.0	8.4	10.9	11.8
Allentown-Bethlehem-Easton	313.1	310.9	310.1	28.3	33.9	37.0	8.4	10.9	11.9
Altoona	57.9	56.4	56.8	6.9	7.5	9.2	11.9	13.3	16.2
Erie	125.6	125.1	125.4	12.1	15.2	18.3	9.6	12.1	14.6
Harrisburg	235.4	236.1	239.7	14.4	16.3	16.9	8.1	8.9	7.1
Johnstown	107.4	106.3	105.2	13.8	17.9	21.3	12.8	18.8	20.2
Lancaster	183.6	185.1	186.9	10.1	13.7	12.6	5.5	7.4	6.8
Northeast Pennsylvania	290.8	288.5	291.4	30.1	33.1	35.2	10.3	11.5	12.1
Philadelphia	2,187.1	2,190.5	2,226.3	164.7	189.1	188.1	7.5	8.6	8.4
Pittsburgh	1,038.5	1,042.4	1,030.5	77.5	128.2	147.2	7.5	12.3	14.3
Reading	156.9	158.7	160.6	13.0	18.0	15.8	8.2	10.1	9.8
Sharon	55.8	55.2	53.3	4.9	8.9	9.8	8.9	16.1	17.9
State College	49.3	50.7	52.3	3.6	4.8	5.8	7.3	9.4	10.8
Williamsport	53.3	52.3	52.3	6.4	8.8	7.5	11.9	12.8	14.4
York	179.8	181.6	181.2	13.8	20.0	20.5	7.7	11.0	11.3
Rhode Island	479.0	480.0	477.0	38.0	49.0	40.0	7.6	10.2	8.3
Providence-Warwick-Pawtucket	475.2	474.9	468.9	35.9	49.8	40.8	7.6	10.5	8.7
South Carolina	1,421.0	1,497.0	1,476.0	119.0	162.0	148.0	8.4	10.8	10.0
Charleston-North Charleston	172.3	177.4	177.8	12.3	14.5	15.3	7.1	8.2	8.6
Columbia	188.6	188.4	200.1	12.2	14.1	13.5	8.5	7.1	6.7
Greenville-Spartanburg	285.0	296.9	289.1	21.1	30.9	26.2	7.4	10.4	9.1
South Dakota	335.0	330.0	331.0	17.0	18.0	18.0	5.1	5.5	5.4
Sioux Falls	63.6	62.9	65.8	3.2	2.9	2.9	5.0	4.8	4.4

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA
ANNUAL AVERAGES**

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Tennessee	2,118.0	2,134.0	2,188.0	193.0	253.0	251.0	9.1	11.8	11.5
Chattanooga	203.9	198.4	195.8	17.2	19.5	19.4	8.5	9.9	9.9
Johnson City-Kingsport-Bristol	184.1	196.8	201.0	15.4	21.4	21.5	8.4	10.9	10.7
Knoxville	228.4	233.9	231.1	17.3	20.8	24.2	7.6	8.9	10.5
Memphis	407.9	403.4	433.4	33.8	39.5	41.3	8.2	9.8	9.5
Nashville-Davidson	439.0	441.2	450.7	30.3	38.9	36.8	8.9	8.8	8.2
Texas	7,071.0	7,373.0	7,629.0	373.0	507.0	609.0	5.3	6.9	8.0
Arlene	75.1	76.4	77.1	3.1	3.9	4.1	4.2	5.1	5.3
Amarillo	90.8	92.5	97.9	4.2	5.0	5.4	4.7	5.4	5.5
Austin	283.6	300.8	323.8	12.3	15.0	14.2	4.3	5.0	4.4
Beaumont-Port Arthur	179.7	181.6	180.8	12.7	19.1	25.3	7.1	10.5	14.0
Brownsville-Harlingen-San Benito	84.7	87.6	91.4	8.1	10.6	14.0	9.6	12.1	15.3
Bryan-College Station	47.3	51.7	54.3	2.0	2.8	2.5	4.2	5.0	4.6
Corpus Christi	156.7	165.2	167.7	9.1	12.1	18.3	5.8	7.3	10.9
Dallas-Fort Worth	1,835.5	1,694.6	1,798.9	75.9	98.0	93.8	4.6	5.7	5.2
El Paso	187.1	191.3	196.7	17.0	21.4	24.1	9.1	11.2	12.3
Galveston-Texas City	86.9	86.7	91.6	6.3	9.3	11.2	7.2	10.5	12.2
Houston	1,667.8	1,751.0	1,782.1	88.6	113.3	163.9	4.1	6.5	9.3
Killeen-Temple	87.1	89.2	72.8	4.9	4.7	4.7	7.3	6.7	6.5
Laredo	39.3	41.0	41.3	4.0	6.7	10.5	10.2	16.4	25.5
Longview-Marshall	76.0	79.4	80.5	4.7	7.2	9.1	6.2	9.0	11.4
Lubbock	103.6	107.4	113.3	4.8	6.0	7.4	4.6	5.6	6.6
McAllen-Pharr-Edinburg	101.7	110.5	117.5	13.5	17.0	22.9	13.2	15.4	19.5
Midland	80.3	85.4	85.2	3.2	3.5	3.8	5.3	5.4	5.8
Odessa	72.8	78.8	73.2	2.9	4.6	6.4	4.0	6.0	8.8
San Angelo	45.6	48.7	50.0	2.1	2.9	2.7	4.5	5.9	5.4
San Antonio	453.8	471.6	501.2	28.1	30.7	31.0	5.7	6.5	6.2
Sherman-Denison	41.2	40.4	40.4	3.0	3.3	3.2	7.3	8.3	8.0
Texarkana	49.7	50.3	51.8	5.0	4.9	5.0	10.0	9.7	9.7
Tyler	71.7	73.7	77.1	4.1	4.8	5.0	5.7	6.5	6.5
Waco	83.7	84.4	89.5	4.6	4.9	5.1	5.5	5.9	5.7
Wichita Falls	66.4	67.4	67.5	3.2	4.6	4.6	4.8	7.0	6.8
Utah	646.0	676.0	691.0	43.0	53.0	64.0	6.7	7.8	9.2
Salt Lake City-Ogden	423.3	443.2	452.7	28.5	34.0	39.2	6.7	7.7	8.7
Vermont	260.0	267.0	268.0	15.0	16.0	16.0	5.7	6.9	6.9
Burlington	88.3	70.6	71.3	3.1	3.5	3.4	4.6	4.9	4.8
Virginia	2,601.0	2,650.0	2,722.0	158.0	204.0	165.0	6.1	7.7	6.1
Danville	56.4	54.9	55.5	4.7	6.4	4.8	8.3	11.6	8.7
Lynchburg	75.7	76.5	76.5	4.8	6.5	5.1	6.4	6.5	6.7
Newport News-Hampton	165.5	168.3	178.6	10.2	11.2	9.0	6.2	6.6	5.1
Norfolk-Virginia Beach-Portsmouth	333.2	340.5	355.7	21.1	24.6	20.2	6.3	7.2	5.7
Petersburg-Colonial Heights-Hopewell	58.2	57.8	56.1	4.7	5.8	5.3	8.0	10.1	9.4
Richmond	334.6	340.2	350.5	15.0	20.5	16.6	4.5	6.0	4.8
Roanoke	111.0	111.6	113.3	7.1	6.6	7.0	6.4	7.8	6.2
Washington	1,990.0	2,024.0	2,063.0	169.0	245.0	230.0	9.5	12.1	11.2
Seattle-Everett	668.6	884.7	901.0	67.4	91.0	67.9	7.8	10.3	9.8
West Virginia	785.0	775.0	772.0	84.0	108.0	139.0	10.7	13.9	18.0
Charleston	125.9	122.7	121.8	11.0	12.5	16.3	6.7	10.2	13.4
Huntington-Ashland	126.5	(¹)	123.1	13.5	(¹)	21.9	10.7	(¹)	17.6
Parkersburg-Marietta	73.6	(¹)	74.3	6.8	(¹)	10.8	9.2	(¹)	14.5
Wheeling	82.7	(¹)	81.6	8.3	(¹)	13.6	10.0	(¹)	16.7
Wisconsin	2,373.0	2,440.0	2,435.0	165.0	260.0	254.0	7.6	10.7	10.4
Appleton-Oshkosh	146.0	153.7	155.5	11.2	15.7	15.2	7.5	10.2	9.8
Eau Claire	56.3	60.3	60.9	4.5	6.0	6.0	7.7	10.0	9.6
Green Bay	90.2	93.9	94.3	6.8	6.5	6.6	7.6	9.0	9.3
Janesville-Beloit	70.2	72.7	72.3	7.4	11.6	8.9	10.5	16.0	12.4
Kenosha	56.5	59.2	60.8	6.0	6.5	6.4	10.3	11.0	10.5
La Crosse	46.6	49.8	50.6	3.8	4.4	4.4	7.3	6.8	8.7
Madison	183.1	189.0	192.6	9.5	12.6	13.2	5.2	6.7	6.8
Milwaukee	717.8	729.1	713.0	52.9	76.6	74.4	7.4	10.5	10.4
Racine	88.1	87.5	85.8	8.1	12.5	11.2	9.4	14.3	13.0
Sheboygan	53.6	54.2	53.5	3.5	5.5	5.1	6.5	10.2	9.5
Wausau	53.5	55.1	55.9	4.7	6.5	6.4	8.6	11.8	11.4
Wyoming	250.0	256.0	262.0	10.0	15.0	22.0	4.1	5.8	6.4

¹ Not available.

NOTE: Annual averages for States are obtained directly from the Current Population Survey. Estimates for all sub-state areas except New York City and Los Angeles-Long Beach are based on administrative statistics adjusted to the

statewide totals. See the Explanatory Notes for State and Area Labor Force Data. Area definitions are published annually in the May issue of this publication. Data for 1982-83 have been adjusted to new benchmark levels and are not strictly comparable with those for 1981.

Area Definitions

Alabama		Connecticut—Continued	
Birmingham	Jefferson, St. Clair, Shelby, and Walker Counties	Stamford	Stamford city, and Darien, Greenwich, and New Canaan towns in Fairfield County
Huntsville	Limestone, Madison, and Marshall Counties	Waterbury	Waterbury city, Naugatuck borough, and Beacon Falls, Cheshire, Middlebury, Prospect, Southbury, and Wolcott towns in New Haven County; Bethlehem, Thomaston, Watertown, and Woodbury towns in Litchfield County
Mobile	Baldwin and Mobile Counties	Delaware	
Montgomery	Autauga, Elmore, and Montgomery Counties	Wilmington	New Castle County, Del.; Cecil County, Md.; Salem County, N.J.
Tuscaloosa	Tuscaloosa County	District of Columbia	
Arizona		Washington SMSA	District of Columbia; Charles, Montgomery, and Prince Georges Counties, Md.; Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Va.
Phoenix	Maricopa County	Florida	
Tucson	Pima County	Daytona Beach	Volusia County
Arkansas		Fort Lauderdale-Hollywood	Broward County
Fayetteville-Springdale	Benton and Washington Counties	Fort Myers-Cape Coral	Lee County
Fort Smith	Crawford and Sebastian Counties, Ark.; Le Flore and Sequoyah Counties, Okla.	Gainesville	Alachua County
Little Rock-North Little Rock	Pulaski and Saline Counties	Jacksonville	Baker, Clay, Duval, Nassau, and St. Johns Counties
Pine Bluff	Jefferson County	Lakeland-Winter Haven	Polk County
California		Melbourne-Titusville-Cocoa	Brevard County
Anaheim-Santa Ana-Garden Grove	Orange County	Miami	Dade County
Bakersfield	Kern County	Orlando	Orange, Osceola, and Seminole Counties
Fresno	Fresno County	Pensacola	Escambia and Santa Rosa Counties
Los Angeles-Long Beach	Los Angeles County	Sarasota	Sarasota County
Modesto	Stanislaus County	Tallahassee	Leon and Wakulla Counties
Oxnard-Simi Valley-Ventura	Ventura County	Tampa-St. Petersburg	Hillsborough, Pasco, and Pinellas Counties
Riverside-San Bernardino-Ontario	Riverside and San Bernardino Counties	West Palm Beach-Boca Raton	Palm Beach County
Sacramento	Placer, Sacramento, and Yolo Counties	Georgia	
Salinas-Seaside-Monterey	Monterey County	Albany	Dougherty and Lee Counties
San Diego	San Diego County	Athens	Clark, Jackson, Madison, and Oconee Counties
San Francisco-Oakland	Alameda, Contra Costa, Marin, San Francisco, and San Mateo Counties	Atlanta	Butts, Cherokee, Clayton, Cobb, De Kalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Newton, Paulding, Rockdale, and Walton Counties
San Jose	Santa Clara County	Augusta	Columbia and Richmond Counties, Ga.; Aiken County, S.C.
Santa Barbara-Santa Maria-Lompoc	Santa Barbara County	Columbus	Columbus (consolidated government), and Chattahoochee County, Ga.; Russell County, Ala.
Santa Rosa	Sonoma County	Macon	Bibb, Houston, Jones, and Twiggs Counties
Stockton	San Joaquin County	Savannah	Bryan, Chatham, and Effingham Counties
Vallejo-Fairfield-Napa	Napa and Solano Counties	Hawaii	
Colorado		Honolulu	Honolulu County
Denver-Boulder	Adams, Arapahoe, Boulder, Clear Creek, Denver, Douglas, Gilpin, and Jefferson Counties	Idaho	
Connecticut		Boise City	Ada County
Bridgeport	Bridgeport and Shelton cities, and Easton, Fairfield, Monroe, Stratford, and Trumbull towns in Fairfield County; Derby and Milford cities in New Haven County	Illinois	
Hartford	Hartford city, and Avon, Bloomfield, Canton, East Granby, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Granby, Manchester, Marlborough, Newington, Rocky Hill, Simsbury, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks towns in Hartford County; Colchester town in New London County; Andover, Bolton, Columbia, Coventry, Ellington, Hebron, Somers, Stafford, Tolland, Vernon, and Willington towns in Tolland County	Bloomington-Normal	McLean County
New Britain	New Britain city, and Berlin, Plainville, and Southington towns in Hartford County	Champaign-Urbana-Rantoul	Champaign County
New Haven-West Haven	New Haven and West Haven cities, and Bethany, Branford, East Haven, Guilford, Hamden, Madison, North Branford, North Haven, Orange, Wallingford, and Woodbridge towns in New Haven County; Clinton town in Middlesex County	Chicago-Gary	A Standard Consolidated Statistical Area comprised of the Chicago, Ill. and Gary-Hammond-East Chicago, Ind. SMSA's Cook, Du Page, Kane, Lake, McHenry, and Will Counties
		Chicago SMSA	Henry and Rock Island Counties, Ill.; Scott County, Iowa
		Davenport-Rock Island-Moline	Henry and Rock Island Counties, Ill.; Scott County, Iowa
		Decatur	Macon County
		Kankakee	Kankakee County
		Peoria	Peoria, Tazewell, and Woodford Counties

Area Definitions—Continued

Illinois—Continued

Rockford Boone and Winnebago Counties
 Springfield Menard and Sangamon Counties

Indiana

Anderson Madison County
 Elkhart Elkhart County
 Evansville Gibson, Posey, Vanderburgh, and Warrick Counties, Ind.; Henderson County, Ky.
 Fort Wayne Adams, Allen, DeKalb, and Wells Counties
 Gary-Hammond-East Chicago Lake and Porter Counties
 Indianapolis Boone, Hamilton, Hancock, Hendricks, Johnson, Marion, Morgan, and Shelby Counties
 Lafayette-West Lafayette Tippecanoe County
 Muncie Delaware County
 South Bend Marshall and St. Joseph Counties
 Terre Haute Clay, Sullivan, Vermillion, and Vigo Counties

Iowa

Cedar Rapids Linn County
 Des Moines Polk and Warren Counties
 Dubuque Dubuque County
 Sioux City Woodbury County, Iowa; Dakota County, Neb.
 Waterloo-Cedar Falls Black Hawk County

Kansas

Lawrence Douglas County
 Topeka Jefferson, Osage, and Shawnee Counties
 Wichita Butler and Sedgwick Counties

Kentucky

Lexington-Fayette Bourbon, Clark, Fayette, Jessamine, Scott, and Woodford Counties
 Louisville Bullitt, Jefferson, and Oldham Counties, Ky.; Clark and Floyd Counties, Ind.
 Owensboro Daviess County

Louisiana

Alexandria Avoyelles, Grant, and Rapides Parishes
 Baton Rouge Ascension, East Baton Rouge, Livingston, and West Baton Rouge Parishes
 Lafayette Lafayette Parish
 Lake Charles Calcasieu Parish
 Monroe Ouachita Parish
 New Orleans Jefferson, Orleans, St. Bernard, and St. Tammany Parishes
 Shreveport Bossier, Caddo, and Webster Parishes

Maine

Lewiston-Auburn Auburn and Lewiston cities, and Lisbon town in Androscoggin County
 Portland Portland, South Portland, and Westbrook cities, and Cape Elizabeth, Cumberland, Falmouth, Freeport, Gorham, Scarborough, Windham, and Yarmouth towns in Cumberland County; Saco city, and Old Orchard Beach town in York County

Maryland

Baltimore SMSA Baltimore city, and Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties
 Baltimore City Baltimore City

Massachusetts

Boston Suffolk County; Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn cities, and Acton, Arlington, Ashland, Bedford, Belmont, Boxborough, Burlington, Carlisle, Concord, Framingham, Holliston, Lexington, Lincoln, Natick, North Reading, Reading, Sherborn, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Beverly, Lynn, Peabody, and Salem cities, and Boxford, Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Quincy city, and Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxborough, Franklin, Holbrook, Medfield, Medway, Millis, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Stoughton, Walpole, Wellesley, Westwood, Weymouth, and Wrentham towns in Norfolk County; Abington, Duxbury, Hanover, Hanson, Hingham, Hull, Kingston, Marshfield, Norwell, Pembroke, Rockland, and Scituate towns in Plymouth County
 Brockton Brockton city, and Bridgewater, East Bridgewater, Halifax, West Bridgewater, and Whitman towns in Plymouth County; Easton town in Bristol County; Avon town in Norfolk County
 Fall River Fall River city, and Dighton, Somerset, Swansea, and Westport towns in Bristol County, Mass.; Little Compton and Tiverton towns in Newport County, R.I.
 Fitchburg-Leominster Shirley and Townsend towns in Middlesex County; Fitchburg and Leominster cities, and Lunenburg and Westminster towns in Worcester County
 Lawrence-Haverhill Lawrence and Haverhill cities, and Amesbury, Andover, Georgetown, Groveland, Merrimac, Methuen, North Andover, Salisbury, and West Newbury towns in Essex County, Mass.; Atkinson, Hampstead, Kingston, Newton, Plaistow, Salem, and Windham towns in Rockingham County, N.H.
 Lowell Lowell city, and Billerica, Chelmsford, Dracut, Dunstable, Trewksbury, Tyngsborough, and Westford towns in Middlesex County
 New Bedford New Bedford city, and Acushnet, Dartmouth, Fairhaven, and Freetown towns in Bristol County; Lakeville, Marion, Mattapoisett, and Rochester towns in Plymouth County
 Pittsfield Pittsfield city, and Adams, Cheshire, Dalton, Lanesborough, Lee, Lenox, and Stockbridge towns in Berkshire County
 Springfield-Chicopee-Holyoke Chicopee, Holyoke, Springfield, and Westfield cities, and Agawam, Brimfield, East Longmeadow, Granville, Hampden, Longmeadow, Ludlow, Monson, Montgomery, Palmer, Russell, Southwick, Wales, West Springfield, and Wilbraham towns in Hampden County; Northampton city, and Amherst, Belchertown, Chesterfield, Easthampton, Granby, Hadley, Hatfield, Pelham, South Hadley, Southampton, Westhampton, and Williamsburg towns in Hampshire County; Warren town in Worcester County

Area Definitions—Continued

Massachusetts—Continued

Worcester Worcester city, and Auburn, Berlin, Boylston, Brookfield, Chariton, Douglas, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Paxton, Rutland, Shrewsbury, Spencer, Sterling, Sutton, Upton, Uxbridge, Webster, Westborough, and West Boylston towns in Worcester County

Michigan

Ann Arbor Washtenaw County
 Battle Creek Barry and Calhoun Counties
 Bay City Bay County
 Benton Harbor Barrien County
 Detroit Lapeer, Livingston, Macomb, Oakland, St. Clair, and Wayne Counties

Flint Genesee and Shiawassee Counties

Grand Rapids Kent and Ottawa Counties
 Jackson Jackson County
 Kalamazoo-Portage Kalamazoo and Van Buren Counties

Lansing-East Lansing Clinton, Eaton, Ingham, and Ionia Counties

Muskegon-Norton Shores-Muskegon Heights Muskegon and Oceana Counties

Saginaw Saginaw County

Minnesota

Duluth-Superior Duluth city, Minn.; Douglas County, Wisc.
 Minneapolis-St. Paul Anoka, Carver, Chicago, Dakota, Hennepin, Ramsey, Scott, Washington, and Wright Counties
 Rochester Olmsted County
 St. Cloud Benton, Sherburne, and Stearns Counties

Mississippi

Jackson Hinds and Rankin Counties

Missouri

Kansas City Cass, Clay, Jackson, Platte, and Ray Counties, Mo.; Johnson and Wyandotte Counties, Kansas
 St. Joseph Andrew and Buchanan Counties
 St. Louis St. Louis city, and Franklin, Jefferson, St. Charles, and St. Louis Counties, Mo.; Clinton, Madison, Monroe, and St. Clair Counties, Ill.
 Springfield Christian and Greene Counties

Nebraska

Lincoln Lancaster County
 Omaha Douglas and Sarpy Counties, Nebr.; Pottawattamie County, Iowa

Nevada

Las Vegas Clark County; Beatty Township in Nye County
 Reno Washoe County

New Hampshire

Manchester Manchester city, and Bedford, Goffstown, New Boston, and Weare towns in Hillsboro County; Hooksett town in Merrimack County; Auburn, Candia, Chester, Derry, Londonderry, and Raymond towns in Rockingham County
 Nashua Nashua city, and Amherst, Brookline, Greenville, Hollis, Hudson, Litchfield, Lyndeboro, Mason, Merrimack, Milford, Mount Vernon, New Ipswich, Pelham, Temple, and Wilton towns in Hillsboro County

New Jersey

Atlantic City Atlantic County
 Camden Burlington, Camden, and Gloucester Counties
 Hackensack Bergen County
 Jersey City Hudson County
 Long Branch-Asbury Park Monmouth County
 New Brunswick-Perth Amboy-Sayreville Middlesex County
 Newark Essex, Morris, Somerset, and Union Counties
 Paterson-Clifton-Passaic Passaic County
 Trenton Mercer County
 Vineland-Millville-Bridgeton Cumberland County

New Mexico

Albuquerque Bernalillo and Sandoval Counties
 Las Cruces Dona Ana County

New York

Albany-Schenectady-Troy Albany, Montgomery, Rensselaer, Saratoga, and Schenectady Counties
 Binghamton Broome and Tioga Counties, N.Y.; Susquehanna County, Pa.
 Buffalo Erie and Niagara Counties
 Elmira Chemung County
 Glen Falls Warren and Washington Counties
 Monroe County Monroe County
 Nassau-Suffolk Nassau and Suffolk Counties
 Newburgh-Middletown Orange County
 New York-Northeastern New Jersey A Standard Consolidated Statistical area comprised of the New York, N.Y. SMSA; Nassau-Suffolk, N.Y. SMSA; Newark, N.J. SMSA; New Brunswick-Perth Amboy-Sayreville, N.J. SMSA; Jersey City, N.J. SMSA; Paterson-Clifton-Passaic, N.J. SMSA; and the Hackensack, N.J. area

New York and Nassau-Suffolk New York City, and Nassau, Putnam, Rockland, Suffolk, and Westchester Counties
 New York SMSA New York City, and Putnam, Rockland and Westchester Counties
 New York City Bronx, Kings, New York, Queens, and Richmond Counties
 Poughkeepsie Dutchess County
 Rochester Livingston, Monroe, Ontario, Orleans, and Wayne Counties
 Rockland County Rockland County
 Syracuse Madison, Onondaga, and Oswego Counties
 Utica-Rome Herkimer and Oneida Counties
 Westchester County Westchester County

North Carolina

Asheville Buncombe and Madison Counties
 Charlotte-Gastonia Gaston, Mecklenburg, and Union Counties
 Greensboro-Winston-Salem-High Point Davidson, Forsyth, Guilford, Randolph, Stokes, and Yadkin Counties
 Raleigh-Durham Durham, Orange, and Wake Counties

North Dakota

Fargo-Moorhead Cass County, N.D.; Clay County, Minn.

Ohio

Akron Portage and Summit Counties
 Canton Carroll and Stark Counties
 Cincinnati Clermont, Hamilton, and Warren Counties, Ohio; Boone, Campbell, and Kenton Counties, Ky.; Dearborn County, Ind.

Area Definitions—Continued

Ohio—Continued

Cleveland	Cuyahoga, Geauga, Lake, and Medina Counties
Columbus	Delaware, Fairfield, Franklin, Madison, and Pickaway Counties
Dayton	Greene, Miami, Montgomery, and Preble Counties
Toledo	Fulton, Lucas, Ottawa, and Wood Counties, Ohio; Monroe County, Mich.
Youngstown–Warren	Mahoning and Trumbull Counties

Oklahoma

Enid	Garfield County
Lawton	Comanche County
Oklahoma City	Canadian, Cleveland, McClain, Oklahoma, and Pottawatomie Counties
Tulsa	Creek, Mayes, Osage, Rogers, Tulsa, and Wagoner Counties

Oregon

Eugene–Springfield	Lane County
Medford	Jackson County
Portland	Clackamas, Multnomah, and Washington Counties, Oreg.; Clark County, Wash.
Salem	Marion and Polk Counties

Pennsylvania

Allentown–Bethlehem–Easton	Carbon, Lehigh, and Northampton Counties, Pa; Warren County, N.J.
Altoona	Blair County
Delaware Valley	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties
Erie	Erie County
Harrisburg	Cumberland, Dauphin, and Perry Counties
Johnstown	Cambria and Somerset Counties
Lancaster	Lancaster County
Northeast Pennsylvania	Lackawanna, Luzerne, and Monroe Counties
Philadelphia SMSA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa.; Burlington, Camden, and Gloucester Counties, N.J.
Philadelphia City	Philadelphia County
Pittsburgh	Allegheny, Beaver, Washington, and Westmoreland Counties
Reading	Berks County
Sharon	Mercer County
State College	Centre County
Williamsport	Lycoming County
York	Adams and York Counties

Puerto Rico

Caguas	Caguas, Gurabo, and San Lorenzo Municipios
Mayaguez	Anasco, Hormigueros, and Mayaguez Municipios
Ponce	Juana Diaz, Ponce, and Villalba Municipios
San Juan	Bayamon, Canovanas, Carolina, Catano, Guaynabo, Loiza, San Juan, Toa Bajo, and Trujillo Alto Municipios

Rhode Island

Providence–Warwick–Pawtucket	Central Falls, Cranston, East Providence, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, Foster, Glocester, Johnston, Lincoln, North Providence, North Smithfield, Scituate, and Smithfield towns in Providence County, R.I.; Exeter, Narragansett, North Kingstown, Richmond, and South Kingstown towns in Washington County, R.I.; Warwick city, and Coventry, East Greenwich, West Greenwich, and West Warwick towns in Kent County, R.I.; Jamestown and New Shoreham towns in Newport County, R.I.; Bristol County, R.I.; Attleboro city, and North Attleboro, Norton, Rehoboth, and Seekonk towns in Bristol County, Mass.; Plainville town in Norfolk County, Mass.; Blackstone and Millville towns in Worcester County, Mass.
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South Carolina

Charleston–North Charleston	Berkeley, Charleston, and Dorchester Counties
Columbia	Lexington and Richland Counties
Greenville–Spartanburg	Greenville, Pickens, and Spartanburg Counties

South Dakota

Sioux Falls	Minnehaha County
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Tennessee

Chattanooga	Hamilton, Marion, and Sequatchie Counties, Tenn.; Catoosa, Dade, and Walker Counties, Ga.
Johnson City–Kingsport–Bristol	Carter, Hawkins, Sullivan, Unicoi, and Washington Counties, Tennessee; Bristol city, Scott and Washington Counties, Virginia
Knoxville	Anderson, Blount, Knox, and Union Counties; portion of Oak Ridge in Roane County
Memphis	Shelby and Tipton Counties, Tenn.; Crittenden County, Ark.
Nashville–Davidson	Cheatham, Davidson, Dickson, Robertson, Rutherford, Sumner, Williamson, and Wilson Counties

Area Definitions—Continued

Texas		Virginia	
Abiene	Callahan, Jones, and Taylor Counties	Bristol	Bristol city, and Scott, and Washington Counties
Amarillo	Potter and Randall Counties	Charlottesville	Albemarle, Fluvanna, and Greene Counties; and Charlottesville city
Austin	Hays, Travis, and Williamson Counties	Danville	Pittsylvania County and Danville city
Beaumont-Port Arthur-Orange	Hardin, Jefferson, and Orange Counties	Lynchburg	Lynchburg city, and Amherst, Appomattox, and Campbell Counties
Brownsville-Harlingen-San Benito	Cameron County	Newport News-Hampton	Hampton, Newport News, Poquoson, and Williamsburg cities, and Gloucester, James City, and York Counties
Bryan-College Station	Brazos County	Norfolk-Virginia Beach-Portsmouth	Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach cities, Va.; Currituck County, N.C.
Corpus Christi	Nueces and San Patricio Counties	Northern Virginia	Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties
Dallas-Fort Worth	Collin, Dallas, Denton, Ellis, Hood, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties	Petersburg-Colonial Heights-Hopewell	Colonial Heights, Hopewell, and Petersburg cities, and Dinwiddie and Prince George Counties
El Paso	El Paso County	Richmond	Richmond city, and Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan Counties
Galveston-Texas City	Galveston County	Roanoke	Roanoke and Salem cities, and Botetourt, Craig, and Roanoke Counties
Houston	Brazoria, Fort Bend, Harris, Liberty, Montgomery, and Walker Counties	Washington	
Killeen-Temple	Bell and Coryell Counties	Seattle-Everett	King and Snohomish Counties
Laredo	Webb County	West Virginia	
Longview-Marshall	Gregg and Harrison Counties	Charleston	Kanawha and Putnam Counties
Lubbock	Lubbock County	Huntington-Ashland	Cabell and Wayne Counties, W. Va.; Boyd and Greenup Counties, Ky.; Lawrence County, Ohio
McAllen-Pharr-Edinburg	Hidalgo County	Parkersburg-Marietta	Wirt and Wood Counties, W. Va.; Washington County, Ohio
Midland	Midland County	Wheeling	Marshall and Ohio Counties, W. Va.; Belmont County, Ohio
Odessa	Ector County	Wisconsin	
San Angelo	Tom Green County	Appleton-Oshkosh	Calumet, Outagamie, and Winnebago Counties
San Antonio	Bexar, Comal, and Guadalupe Counties	Eau Claire	Chippewa and Eau Claire Counties
Sherman-Denison	Grayson County	Green Bay	Brown County
Texarkana	Bowie County, Texas; and Little River and Miller Counties, Arkansas	Janesville-Beloit	Rock County
Tyler	Smith County	Kenosha	Kenosha County
Waco	McLennan County	La Crosse	La Crosse County
Wichita Falls	Clay and Wichita Counties	Madison	Dane County
Utah		Milwaukee	Milwaukee, Ozaukee, Washington, and Waukesha Counties
Salt Lake City-Ogden	Davis, Morgan, Salt Lake, Tooele, and Weber Counties	Racine	Racine County
Vermont		Sheboygan	Sheboygan County
Burlington	Burlington, South Burlington, and Winooski cities and Charlotte, Essex, Hineburg, Jericho, Milton, Richmond, St. George, Shelburne, and Williston towns in Chittenden County; Georgia town in Franklin County; and South Hero town in Grand Isle County	Wausau	Marathon County
Springfield	Athens, Grafton, Londonderry, Rockingham (includes Bellows Falls), Westminster, and Windham towns in Windham County; Andover, Baltimore, Cavendish, Chester, Ludlow, Reading, Springfield, Weathersfield, Weston, West Windsor, and Windsor towns in Windsor County		

Explanatory Notes

Introduction

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

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

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

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

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

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

Employment

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

Multiple jobholding. The household approach 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 workers' sole or primary job. Data from the establishment survey generally refer to mean 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 \$20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

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

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

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

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

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

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

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

Employment covered by State unemployment insurance programs. Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these are included in this BLS establishment statistics.

Household Data (A tables)

COLLECTION AND COVERAGE

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

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

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

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

CONCEPTS AND DEFINITIONS

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

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

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

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

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

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

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

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

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

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

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

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

The *unemployment rate for all civilian workers* represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, race, ethnic 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 blood or marriage.

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

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

Persons who worked 35 hours or more in the survey week are designated as working full time. Persons who worked between 1 and 34 hours are designated as working part time. Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). Economic reasons include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. Other reasons include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

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

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming that: (1) Unemployed persons looking for full-time work lost an average of 37.5 hours, (2) those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

White, black, and other are terms used to describe the race of workers. Included in the "other" group are American Indians, Alaskan Natives, and Asians and Pacific Islanders. All tables in this publication which contain racial data, with the exception of A-4 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.

Major activity: Going to school and *Major activity: Other* are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. These statistics are published in table A-6 for 16- to 21-year-olds by employment status, race and sex, and if unemployed, whether seeking full-or part-time work.

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.

The *poverty areas* classification consists of all census geographic divisions in which 20 percent or more of the residents were poor according to the 1970 decennial census. Persons were classified as poor or not poor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence, (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas, and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 decennial census and does not include any subsequent additions or changes. *Nonmetropolitan areas* refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

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 and the incorporated self-employed, who usually work full time on their sole or primary job.

Single, never married; married, spouse present; and other marital status are terms used to define the marital status of individuals at the time of interview. Married, spouse present, applies to husband and wife if both were reported as members of the same household even

though one may be temporarily absent on business, vacation, on a visit, in a hospital, etc. Other marital status applies to persons who are married, spouse absent; widowed; or divorced. Married, spouse absent, includes persons who are separated because of marital discord, as well as persons who are living apart because either the husband or the wife was employed and living away from home, serving in the Armed Forces, or had a different place of residence for any reason.

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

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but relates only to persons in families maintained by either men or women without a spouse.

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

HISTORICAL COMPARABILITY

Change in lower age limit

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

Noncomparability of labor force levels

In addition to the changes introduced in 1967, there are several other periods of noncomparability in the labor force data: (1) Beginning in 1953, as a result of introducing data from the 1950 census into the estimating procedures, population levels were raised by about 600,000; labor force, total employment, and agricultural employment were increased by about 350,000, primarily affecting the figures for totals and men; other categories were relatively unaffected. (2) Beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force four-fifths of this increase was in nonagricultural employment; other labor force categories were not appreciably affected. (3) Beginning in 1962, the introduction of data from the 1960 census reduced the population by about 50,000 and labor force and employment by about 200,000; unemployment totals were virtually unchanged. (4) Beginning in 1972, information from the 1970 census was introduced into the estimation procedures, increasing the population by about 800,000; labor force and employment totals were raised by a little more than 300,000; and unemployment levels and rates were essentially unchanged. (5) A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment, which affected the white and black-and-other groups but had little effect on totals, resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black-and-other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black-and-other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

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

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

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

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in January 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan area estimates, not for the total United States. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey Beginning in January 1979" in the February 1979 issue of *Employment and Earnings*.

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

Beginning in January 1983, the first-stage ratio adjustment methodology was updated to account for

results obtained from the 1980 census. The new procedure is described in the Estimating Methods section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey Beginning in January 1983" in the February 1983 issue of *Employment and Earnings*. There are only slight differences between the old and new procedures in estimates of level for the various labor force characteristics and virtually no differences in estimates of participation rates.

Changes in the occupational and industrial classification system.

Beginning in 1971, the comparability of occupational employment data was affected as a result of changes in the occupational classification system for the 1970 census that were introduced into the CPS. Comparability was further affected in December 1971, when a question relating to major activity or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. As a result of these changes, meaningful comparisons of occupational employment levels could not be made between 1971-72 and prior years nor between those 2 years. Unemployment rates were not significantly affected. For a further explanation of the changes in the occupational classification system, see "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

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

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

The industrial classification used in the 1980 census is based on the 1972 Standard Industrial Classification system (SIC), as modified in 1977. The adoption of the new system had much less of an adverse effect on historical comparability than did the new occupational

system. The most notable changes from the 1970 system were the transfer of farm equipment stores from "retail" to "wholesale" trade, postal service from "public administration" to "transportation", and some interchange between "professional and related services" and "public administration."

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

Changes in the sample design

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

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, the number of sample areas and the number of sample persons are increased occasionally. In 1953, the current rotation plan was introduced in which a sample unit is interviewed for 4 months, leaves the sample for 8 months, and then returns to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated into the design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 600,000 new construction housing units, was included

in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction units that previously had no chance for selection in the CPS sample. In January 1980, another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. Beginning in January 1982, the sample was expanded by 100 households to provide additional coverage in counties added to SMSA's, which were redefined in 1973.

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. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the

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

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

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

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

respondents for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and, within these, for six groups—two race categories (white, and black and other) within three residential categories. For sample areas which are Standard Metropolitan Statistical Areas, (SMSA's), these residence categories are the central cities, the urban, and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent, depending on weather, vacations, etc.

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

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

b. *Second-stage ratio estimate.* In this stage, the sample proportions of persons in specific categories are adjusted to the distribution of independent current

estimates of the civilian noninstitutional population in the same categories. The second-stage ratio adjustment which is performed to further reduce variability of the estimates and to correct to some extent for CPS undercoverage relative to the decennial census, is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over for the State. The second step is applied to all sample persons and is a weighting to nationwide independent population estimates within 68 age-sex-race groups. The entire second-stage adjustment procedure is iterated six times, each time beginning at the weights developed the previous time. This ensures that the sample estimates of the population for both State and national age-sex-race categories will be virtually equal to the independent population control totals. This second-stage adjustment procedure incorporates changes instituted in January 1982. The nature and effect of these changes are discussed in detail in "Revisions in the Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980, census through the latest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. A description of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

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

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulations of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of

Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population is derived by subtracting the Armed Forces and the institutional population for the estimate date from the total including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national control totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

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

Rounding of estimates

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

Reliability of the estimates

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

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

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

sent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*. Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the "The Effects of Rotation Group Bias on Estimates from Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Compared to the level of the decennial census, undercoverage is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for men than for women, and larger for black, and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement*, Vol. 2, April 1973; and in *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

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

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average of all possible samples.
3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

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

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

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly

level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between 2 consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D, F, H, and I to compute approximate standard errors for levels, labor force participation rates, and percentages as pertaining to the year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50, and for the 1956-66 period, they should be multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates

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

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			

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 primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E, the standard error on a month-to-month change of 400,000, when the monthly level is approximately 12,000,000, is about 118,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or

percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates. Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are indifferent 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 x 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 tables 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:

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

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

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

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

or about 259,000.

Table D. Standard errors for estimates of monthly level

(In thousands)

Estimated monthly level	Characteristic ¹								
	Agricultural employment	Labor force data other than unemployment and agricultural employment data						Unemployment	
		Total or white	Black	Total or white, 16 to 19 years	Black, 16 to 19 years	Total or white men only, or women only	Black men only, or women only	Total or white	Black
50	14	11	11	11	11	10	10	10	11
100	19	15	15	15	15	14	14	15	16
500	43	34	34	33	29	32	31	33	35
1,000	81	48	47	48	33	45	42	47	49
2,000	85	68	64	83	-	63	55	66	67
4,000	120	95	84	80	-	87	66	93	68
6,000	146	118	94	66	-	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	-	-	-	168	-	-	-
40,000	-	261	-	-	-	189	-	-	-
50,000	-	278	-	-	-	175	-	-	-
60,000	-	266	-	-	-	141	-	-	-
70,000	-	293	-	-	-	61	-	-	-
80,000	-	293	-	-	-	-	-	-	-
100,000	-	273	-	-	-	-	-	-	-
120,000	-	231	-	-	-	-	-	-	-

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

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

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

(In thousands)

Estimated monthly level	Characteristic ¹							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black	Total or white, 16 to 19 years	Black, 16 to 19 years	Total or white	Both sexes 16 to 19 years, or part-time labor force ²	Black	Black, 16 to 19 years
50	8	6	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	38	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	67	-
8,000	98	73	71	-	132	-	-	-
10,000	109	71	-	-	143	-	-	-
15,000	131	42	-	-	160	-	-	-
20,000	148	-	-	-	185	-	-	-
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	6.26	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	.98	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	.06	.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 (B and C tables)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location.

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 in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies 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.

Gross 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.

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

Since overtime hours are premium hours by definition, gross 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 gross 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. Gross 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. Gross 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 gross 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 is 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 payrolls and hours. The indexes of aggregate weekly payrolls and 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, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher level of industry aggregation, hour and payroll 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 employ-

ment over the specified time span. The indexes are calculated from 186 unpublished 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, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. 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 comprehensive counts of employment which provide “benchmarks” for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1982 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

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

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
Monthly data		
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months. ¹	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees. ²	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross 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.
Gross 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.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross 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.
Gross 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
Gross 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 by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.

¹ The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

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.

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 1982 benchmark adjustment is shown in table M.

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

THE SAMPLE

Design

The sampling plan used in the current employment statistics program is known as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently,

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1982

Industry division	Benchmark, March 1982	Estimate, March 1982	Percent difference
Total	89,566,000	89,679,000	0.1
Mining	1,205,000	1,178,000	2.2
Construction	3,638,000	3,631,000	.2
Manufacturing	19,213,000	19,207,000	(¹)
Transportation and public utilities	5,070,000	5,049,000	.4
Wholesale and retail trade	20,062,000	20,306,000	-1.2
Finance, insurance, and real estate	5,294,000	5,304,000	-.2
Services	18,888,000	18,828,000	.3
Government	16,196,000	16,176,000	.1

¹ Less than 0.05 percent.

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 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 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

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1982¹

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	189,000	36,371,200	41
Mining	2,600	434,500	36
Construction	18,600	721,800	20
Manufacturing	47,700	10,612,300	55
Transportation and public utilities:			
Railroad transportation (ICC)	37	401,600	92
Other transportation and public utilities	8,500	2,840,800	61
Wholesale and retail trade	45,900	3,511,300	18
Finance, insurance, and real estate	13,100	1,967,100	37
Services	31,600	4,150,600	22
Government:			
Federal ²	5,000	2,725,000	100
State and local	16,000	9,006,000	67

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 5,000 reports covering about 63 percent of employment in Federal establishments.

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-

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

(in percent)

Industry division	Average benchmark revision in estimates of employment ¹	Relative errors ²	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.4	-	-
Total private .....	.4	0.1	0.2
Mining	1.4	1.0	1.3
Construction	1.9	.2	.5
Manufacturing .....	.3	.1	.2
Durable goods .....	.3	.1	.3
Nondurable goods .....	.4	.1	.2
Transportation and public utilities .....	.4	.7	.6
Trade .....	.8	.1	.3
Wholesale .....	.4	.2	.4
Retail	1.0	.2	.4
Finance, insurance, and real estate .....	.4	.2	.4
Services .....	.8	.4	.6
Government ³ .....	.5	-	-

¹ The average percent revision in employment for the following benchmarks: 1978, 1979, 1980, 1981, and 1982.

² Relative errors relate to 1982 data.

³ Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision, samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

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.

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.

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 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

Table Q. Errors of preliminary employment estimates

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
INDUSTRY DIVISIONS		
Total nonagricultural employment	101,000	88,000
Goods producing	42,000	36,000
Mining	5,000	5,000
Construction	22,000	18,000
Manufacturing	33,000	29,000
Durable two-digit industries	6,300	5,900
Nondurable two-digit industries	4,500	4,500
Service-producing	77,000	72,000
Transportation and public utilities	14,000	15,000
Wholesale and retail trade	31,000	28,000
Finance, insurance, and real estate	8,000	7,000
Services	30,000	24,000
Government	61,000	53,000

NOTE: Division level data are based on differences from January 1977 through December 1982. Two-digit industry data are based on differences from January 1982 through December 1982.

each cooperating State agency are presented in a summary volume published annual by the BLS.

PRODUCTIVITY DATA

Tables C-9, C-10, and C-11 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.

Definitions

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* includes 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 hous-

ing, 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.

State and Area Unemployment 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 and Partnership Act and the Public Works and Economic Development Act.

ESTIMATING METHODS

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

Monthly labor force and unemployment estimates in the remaining 40 States, District of Columbia, and 239 labor market areas are prepared in several stages. 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 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 residences 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 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 estimates 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 experienced unemployed; (c) the level of experienced labor force; and (d) 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 employment
X = total experienced unemployment
A, B = synthetic factors incorporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

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

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

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

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

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting the statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment-based data are published regularly in *Employment and Earnings*.

The seasonal adjustment program used for these series is an adaptation of the standard ratio-to-moving average method. It provides for "moving" adjustment

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

Beginning in January 1980, BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalogue NO. 12-564E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjusted labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which places more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now 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 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 1983, new seasonal adjustment factors to be used to calculate the civilian unemployment rate for the first 6 months of 1984, and a description of the current seasonal adjustment methodology are published in the January 1984 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1979-83 revision period for a broad range of labor force series appear in the February 1984 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from BLS upon request.

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 estimates are based on data through March 1983. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for

most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours.

Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, 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

Prior to June 1983, seasonal factors for Federal Government employment were derived from unadjusted data which excluded Christmas temporary workers employed by the Postal Service. In earlier years the number of these workers were 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 factors were based. In the past several years, the number of these workers have decreased to the point where their presence has no impact on seasonal adjustment. Beginning with the release of revised seasonal factors in June 1983, Christmas temporary Postal workers are not excluded from the calculation of seasonal factors for Federal Government employees. This change affects the seasonally adjusted Federal Government series from January 1978 forward. Temporary census takers for the 1980 decennial census will continue to be removed prior to the calculation of seasonal factors for Federal Government employment. The revised seasonally adjusted series for the establishment data reflect experience through March 1983. Seasonal factors to be used for current adjustment appear in the June 1983 issue of *Employment and Earnings*.